

**DISEÑO ESTRUCTURAL DEL SALON COMUNAL DEL BARRIO EL RUIZ EN  
EL MUNICIPIO DE MIRANDA CAUCA**



**INFORME FINAL DE TRABAJO SOCIAL  
PARA OPTAR AL TÍTULO DE INGENIERO CIVIL**

**LUIS MIGUEL GRANJA BERMUDEZ**

**UNIVERSIDAD DEL CAUCA  
FACULTAD DE INGENIERÍA CIVIL  
DEPARTAMENTO DE ESTRUCTURAS  
PROGRAMA DE INGENIERÍA CIVIL  
POPAYÁN  
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**DIRECTOR: ING. JULIO CESAR DIAGO FRANCO**

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## GENERALIDADES DEL PROYECTO

- **Localización**

El proyecto en Mención se encuentra ubicado en el municipio de Miranda Cauca, – De acuerdo con los efectos locales descritos en la Norma Sismo resistente y al mapa de zonificación sísmica de la NSR10 de Colombia, el área del proyecto se encuentra dentro de la Zona de Amenaza Sísmica alta.

- **Descripción del Proyecto**

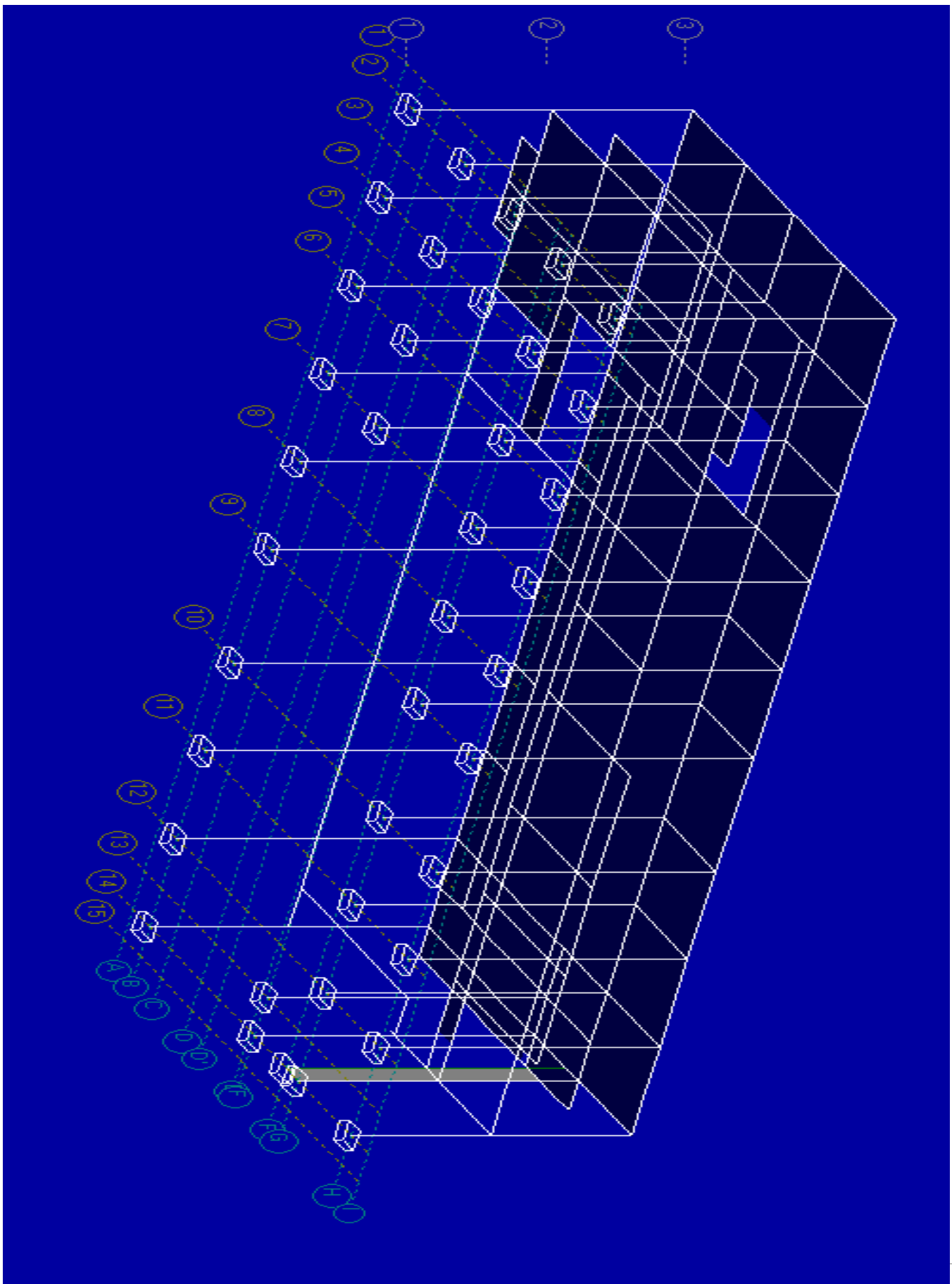
La estructura a diseñar comprende una estructura de dos pisos para el cual se preestableció el sistema aporticado tridimensional, el cual posee luces tanto el sentido longitudinal como transversal con longitudes variables. Además de estos parámetros el proyecto posee las siguientes características:

- **Alcance.**

El diseño estructural y en particular la solución dada, solo cubija a esta edificación y hasta una altura de dos pisos.

- **Sistema Estructural.**

La estructura está conformada por pórticos de vigas y columnas en concreto reforzado. Posee dos losas de entrepiso y una cubierta a dos aguas, para la cual se ha planteado una estructura metálica, que se soporta sobre el sistema de pórticos principales de la estructura como se presenta en la siguiente figura:



## **OBJETIVOS**

### **OBJETIVO GENERAL**

- Realizar el Diseño Estructural Del Salón Comunal Del Barrio El Ruiz En El Municipio De Miranda Cauca

### **OBJETIVOS ESPECÍFICOS**

- Presentar un informe final, en donde se consigne una descripción general y las memorias de diseño de la estructura del proyecto.

## **JUSTIFICACIÓN**

El salón comunal del barrio es el lugar de todos y todas. Allí los vecinos y las vecinas discuten los proyectos para mejorar una calle, hacen actividades que los motivan a hacer realidad sus planes y festejan cuando llegan a la meta.

El día de los niños, el día de la familia, el día de la madre, el día del padre son algunas de las celebraciones que los congregan como comunidad. Este espacio también se ha convertido en un salón de clases, dado que el único anhelo es aprender algo nuevo para crecer como persona. Por ello, se llena de varios matices: cursos de cocina, talleres de modistería, clases de belleza, entre otros, se convierten en motivo para compartir como habitantes de un barrio.

La comunidad del barrio el Ruiz del municipio de Miranda ha contemplado el proyecto de construcción del salón comunal donde los ciudadanos pueden llevar a cabo actividades culturales, sociales, recreativas, de capacitación, información, formación y todas aquellas orientadas al beneficio de la ciudadanía.

La comunidad cuenta con una de terreno de 525 m<sup>2</sup>, en dicha área se realizaron estudios topográficos y de suelos; herramientas básicas para la construcción del proyecto.

Como mirandeano y estudiante de Ingeniería Civil de la Universidad del Cauca, me es grato participar en dicho proyecto y aportarle a mi municipio en su desarrollo.

## ACTIVIDADES A DESARROLLAR

- Dimensionamiento de zapatas
- Diseño de columnas en concreto reforzado.
- Diseño de vigas en concreto reforzado.
- Entrega del informe final – Memorias de calculo

## ESTRUCTURA

La estructura consiste en un edificio de 2 niveles de altura, localizado en una zona de amenaza sísmica alta. La edificación se estructura como un sistema de pórticos y muros estructurales especiales de concreto, que resisten combinadamente cargas verticales y laterales.

El sistema de piso consiste en una losa de entrepiso y una cubierta metálica. Las columnas y muros estructurales tienen sección constante a través de la altura del edificio. Las vigas y losas también tienen las mismas dimensiones en todos los pisos.

Tanto los pórticos como los muros estructurales se diseñan para una capacidad de disipación de energía alta (diseño dúctil). Los elementos estructurales se diseñan de acuerdo al código NSR-10. Las fuerzas sísmicas se definen de acuerdo al código NSR-10.

### Cargas:

Peso propio de la losa  
Carga superimpuesta  
Carga viva

### Elementos:

Columnas homogéneas: 40 cm x 40 cm

Vigas: 30 x 35, 30 x 30 cms

Muros: 20 cm de espesor.

Losa: 35 cm (aligerada)

Materiales:

Concreto:  $f'c = 210 \text{ k/cm}^2$

$w = 2.40 \text{ t/m}^3$

Refuerzo:  $f_y = 4200 \text{ k/cm}^2$

## MEMORIA ESTRUCTURAL

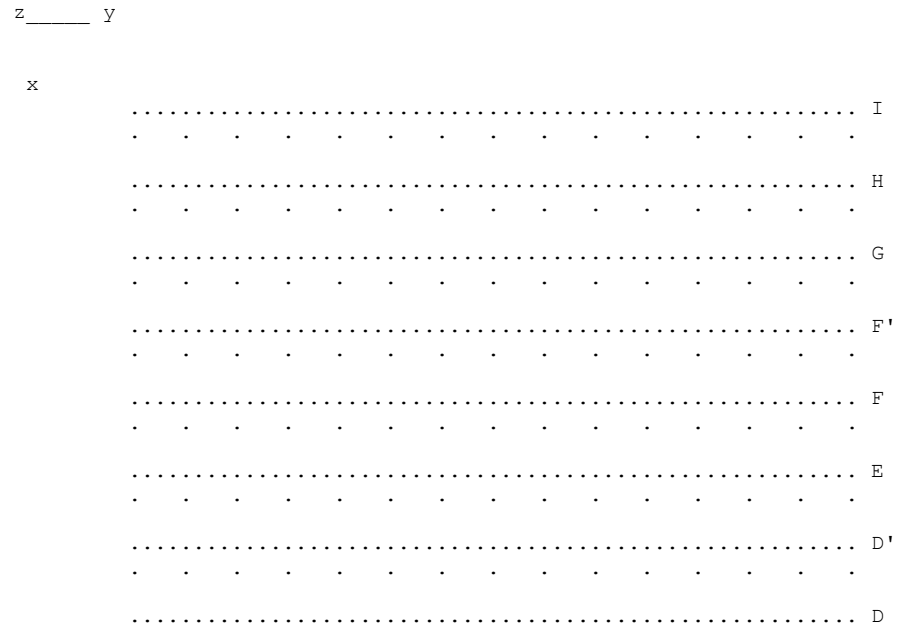
### GENERAL INPUT DATA

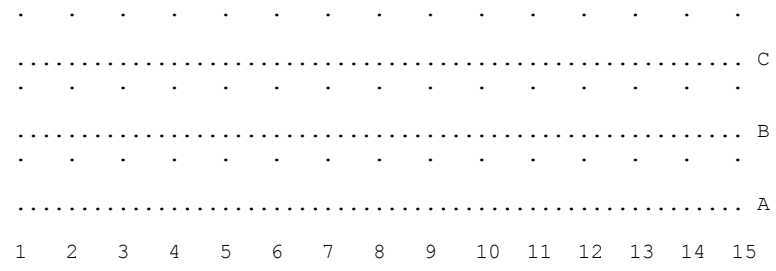
Structure type: Three-Dimensional Frame/Wall Structure  
Architectural grid: Rectangular

### AXES INFORMATION

Number of longitudinal axes =	11	Building total length =	35.59 (m)
Number of transverse axes.. =	15	Building total width =	17.10 (m)
Number of stories..... =	2	Building total height =	6.40 (m)

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VERTICAL AXES COORDINATES			STORY HEIGHTS	
Axis	X (m)	Y (m)	Story	Height (m)
A-1	17.10	0.00	1	3.20
B-1	15.90	0.00	2	3.20
C-1	14.36	0.00		
D-1	12.06	0.00		
D'-1	10.87	0.00		
E-1	8.55	0.00		
F-1	8.20	0.00		
F'-1	5.92	0.00		
G-1	5.04	0.00		
H-1	1.20	0.00		
I-1	0.00	0.00		
A-2	17.10	1.20		
B-2	15.90	1.20		
C-2	14.36	1.20		
D-2	12.06	1.20		
D'-2	10.87	1.20		
E-2	8.55	1.20		
F-2	8.20	1.20		
F'-2	5.92	1.20		
G-2	5.04	1.20		
H-2	1.20	1.20		
I-2	0.00	1.20		
A-3	17.10	2.99		
B-3	15.90	2.99		
C-3	14.36	2.99		



D-3	12.06	2.99
D'-3	10.87	2.99
E-3	8.55	2.99
F-3	8.20	2.99
F'-3	5.92	2.99
G-3	5.04	2.99
H-3	1.20	2.99
I-3	0.00	2.99
A-4	17.10	4.78
B-4	15.90	4.78
C-4	14.36	4.78
D-4	12.06	4.78
D'-4	10.87	4.78
E-4	8.55	4.78
F-4	8.20	4.78
F'-4	5.92	4.78
G-4	5.04	4.78
H-4	1.20	4.78
I-4	0.00	4.78
A-5	17.10	6.57
B-5	15.90	6.57
C-5	14.36	6.57
D-5	12.06	6.57
D'-5	10.87	6.57
E-5	8.55	6.57
F-5	8.20	6.57
F'-5	5.92	6.57
G-5	5.04	6.57
H-5	1.20	6.57
I-5	0.00	6.57
A-6	17.10	8.36
B-6	15.90	8.36
C-6	14.36	8.36
D-6	12.06	8.36
D'-6	10.87	8.36
E-6	8.55	8.36
F-6	8.20	8.36
F'-6	5.92	8.36
G-6	5.04	8.36
H-6	1.20	8.36
I-6	0.00	8.36
A-7	17.10	11.93
B-7	15.90	11.93
C-7	14.36	11.93
D-7	12.06	11.93
D'-7	10.87	11.93

E-7	8.55	11.93
F-7	8.20	11.93
F'-7	5.92	11.93
G-7	5.04	11.93
H-7	1.20	11.93
I-7	0.00	11.93
A-8	17.10	15.50
B-8	15.90	15.50
C-8	14.36	15.50
D-8	12.06	15.50
D'-8	10.87	15.50
E-8	8.55	15.50
F-8	8.20	15.50
F'-8	5.92	15.50
G-8	5.04	15.50
H-8	1.20	15.50
I-8	0.00	15.50
A-9	17.10	19.07
B-9	15.90	19.07
C-9	14.36	19.07
D-9	12.06	19.07
D'-9	10.87	19.07
E-9	8.55	19.07
F-9	8.20	19.07
F'-9	5.92	19.07
G-9	5.04	19.07
H-9	1.20	19.07
I-9	0.00	19.07
A-10	17.10	23.68
B-10	15.90	23.68
C-10	14.36	23.68
D-10	12.06	23.68
D'-10	10.87	23.68
E-10	8.55	23.68
F-10	8.20	23.68
F'-10	5.92	23.68
G-10	5.04	23.68
H-10	1.20	23.68
I-10	0.00	23.68
A-11	17.10	27.25
B-11	15.90	27.25
C-11	14.36	27.25
D-11	12.06	27.25
D'-11	10.87	27.25
E-11	8.55	27.25
F-11	8.20	27.25

F'-11	5.92	27.25
G-11	5.04	27.25
H-11	1.20	27.25
I-11	0.00	27.25
A-12	17.10	30.82
B-12	15.90	30.82
C-12	14.36	30.82
D-12	12.06	30.82
D'-12	10.87	30.82
E-12	8.55	30.82
F-12	8.20	30.82
F'-12	5.92	30.82
G-12	5.04	30.82
H-12	1.20	30.82
I-12	0.00	30.82
A-13	17.10	32.82
B-13	15.90	32.82
C-13	14.36	32.82
D-13	12.06	32.82
D'-13	10.87	32.82
E-13	8.55	32.82
F-13	8.20	32.82
F'-13	5.92	32.82
G-13	5.04	32.82
H-13	1.20	32.82
I-13	0.00	32.82
A-14	17.10	34.39
B-14	15.90	34.39
C-14	14.36	34.39
D-14	12.06	34.39
D'-14	10.87	34.39
E-14	8.55	34.39
F-14	8.20	34.39
F'-14	5.92	34.39
G-14	5.04	34.39
H-14	1.20	34.39
I-14	0.00	34.39
A-15	17.10	35.59
B-15	15.90	35.59
C-15	14.36	35.59
D-15	12.06	35.59
D'-15	10.87	35.59
E-15	8.55	35.59
F-15	8.20	35.59
F'-15	5.92	35.59
G-15	5.04	35.59

H-15            1.20        35.59  
 I-15            0.00        35.59

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M E M B E R     D A T A

Total number of members..... = 335  
 Number of columns..... = 78  
 Number of beams ..... = 257  
 Number of braces ..... = 0

COLUMNS

Column	Story	L (m)	Lu (m)	a (m)	c (m)	Sec	Sys	b (cm)	h (cm)	Teta (o)	A (cm2)	E (K/cm2)
H-14	2	3.20	2.90	0.08	0.23	R	G&L	40.00	40.00	0.0	1600.0	188400
H-14	1	3.20	2.93	0.00	0.28	R	G&L	40.00	40.00	0.0	1600.0	188400
G-14	2	3.20	2.90	0.08	0.23	R	G&L	40.00	40.00	0.0	1600.0	188400
G-14	1	3.20	2.93	0.00	0.28	R	G&L	40.00	40.00	0.0	1600.0	188400
F-14	2	3.20	2.90	0.08	0.23	R	G&L	40.00	40.00	0.0	1600.0	188400
F-14	1	3.20	2.93	0.00	0.28	R	G&L	40.00	40.00	0.0	1600.0	188400
B-14	2	3.20	2.90	0.08	0.23	R	G&L	40.00	40.00	0.0	1600.0	188400
B-14	1	3.20	2.93	0.00	0.28	R	G&L	40.00	40.00	0.0	1600.0	188400
F-13	2	3.20	2.95	0.08	0.18	R	G&L	40.00	40.00	0.0	1600.0	188400
F-13	1	3.20	2.93	0.00	0.28	R	G&L	40.00	40.00	0.0	1600.0	188400
H-12	2	3.20	2.90	0.08	0.23	R	G&L	40.00	40.00	0.0	1600.0	188400
H-12	1	3.20	2.93	0.00	0.28	R	G&L	40.00	40.00	0.0	1600.0	188400
G-12	2	3.20	2.90	0.08	0.23	R	G&L	40.00	40.00	0.0	1600.0	188400
G-12	1	3.20	2.93	0.00	0.28	R	G&L	40.00	40.00	0.0	1600.0	188400
B-12	2	3.20	2.90	0.08	0.23	R	G&L	40.00	40.00	0.0	1600.0	188400
B-12	1	3.20	2.93	0.00	0.28	R	G&L	40.00	40.00	0.0	1600.0	188400
H-11	2	3.20	2.90	0.08	0.23	R	G&L	40.00	40.00	0.0	1600.0	188400

H-11	1	3.20	2.93	0.00	0.28	R	G&L	40.00	40.00	0.0	1600.0	188400
G-11	2	3.20	2.90	0.08	0.23	R	G&L	40.00	40.00	0.0	1600.0	188400
G-11	1	3.20	2.93	0.00	0.28	R	G&L	40.00	40.00	0.0	1600.0	188400
B-11	2	3.20	2.90	0.08	0.23	R	G&L	40.00	40.00	0.0	1600.0	188400
B-11	1	3.20	2.93	0.00	0.28	R	G&L	40.00	40.00	0.0	1600.0	188400
H-10	2	3.20	2.90	0.08	0.23	R	G&L	40.00	40.00	0.0	1600.0	188400
H-10	1	3.20	2.93	0.00	0.28	R	G&L	40.00	40.00	0.0	1600.0	188400
G-10	2	3.20	2.90	0.08	0.23	R	G&L	40.00	40.00	0.0	1600.0	188400
G-10	1	3.20	2.93	0.00	0.28	R	G&L	40.00	40.00	0.0	1600.0	188400
B-10	2	3.20	2.90	0.08	0.23	R	G&L	40.00	40.00	0.0	1600.0	188400
B-10	1	3.20	2.93	0.00	0.28	R	G&L	40.00	40.00	0.0	1600.0	188400
H-9	2	3.20	2.90	0.08	0.23	R	G&L	40.00	40.00	0.0	1600.0	188400
H-9	1	3.20	2.93	0.00	0.28	R	G&L	40.00	40.00	0.0	1600.0	188400
G-9	2	3.20	2.90	0.08	0.23	R	G&L	40.00	40.00	0.0	1600.0	188400
G-9	1	3.20	2.93	0.00	0.28	R	G&L	40.00	40.00	0.0	1600.0	188400
B-9	2	3.20	2.90	0.08	0.23	R	G&L	40.00	40.00	0.0	1600.0	188400
B-9	1	3.20	2.93	0.00	0.28	R	G&L	40.00	40.00	0.0	1600.0	188400
H-8	2	3.20	2.90	0.08	0.23	R	G&L	40.00	40.00	0.0	1600.0	188400
H-8	1	3.20	2.93	0.00	0.28	R	G&L	40.00	40.00	0.0	1600.0	188400
G-8	2	3.20	2.90	0.08	0.23	R	G&L	40.00	40.00	0.0	1600.0	188400
G-8	1	3.20	2.93	0.00	0.28	R	G&L	40.00	40.00	0.0	1600.0	188400
B-8	2	3.20	2.90	0.08	0.23	R	G&L	40.00	40.00	0.0	1600.0	188400
B-8	1	3.20	2.93	0.00	0.28	R	G&L	40.00	40.00	0.0	1600.0	188400
H-7	2	3.20	2.90	0.08	0.23	R	G&L	40.00	40.00	0.0	1600.0	188400
H-7	1	3.20	2.93	0.00	0.28	R	G&L	40.00	40.00	0.0	1600.0	188400
G-7	2	3.20	2.90	0.08	0.23	R	G&L	40.00	40.00	0.0	1600.0	188400
G-7	1	3.20	2.93	0.00	0.28	R	G&L	40.00	40.00	0.0	1600.0	188400
D-7	2	3.20	2.90	0.08	0.23	R	G&L	40.00	40.00	0.0	1600.0	188400
D-7	1	3.20	2.93	0.00	0.28	R	G&L	40.00	40.00	0.0	1600.0	188400
B-7	2	3.20	2.90	0.08	0.23	R	G&L	40.00	40.00	0.0	1600.0	188400
B-7	1	3.20	2.93	0.00	0.28	R	G&L	40.00	40.00	0.0	1600.0	188400

H-6	2	3.20	2.90	0.08	0.23	R	G&L	40.00	40.00	0.0	1600.0	188400
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G-6	2	3.20	2.90	0.08	0.23	R	G&L	40.00	40.00	0.0	1600.0	188400
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H-4	1	3.20	2.93	0.00	0.28	R	G&L	40.00	40.00	0.0	1600.0	188400
G-4	2	3.20	2.90	0.08	0.23	R	G&L	40.00	40.00	0.0	1600.0	188400
G-4	1	3.20	2.93	0.00	0.28	R	G&L	40.00	40.00	0.0	1600.0	188400
E-4	2	3.20	2.90	0.08	0.23	R	G&L	40.00	40.00	0.0	1600.0	188400
E-4	1	3.20	2.93	0.00	0.28	R	G&L	40.00	40.00	0.0	1600.0	188400
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B-4	1	3.20	2.93	0.00	0.28	R	G&L	40.00	40.00	0.0	1600.0	188400
H-2	2	3.20	2.98	0.08	0.15	R	G&L	40.00	40.00	0.0	1600.0	188400
H-2	1	3.20	2.93	0.00	0.28	R	G&L	40.00	40.00	0.0	1600.0	188400
G-2	2	3.20	2.90	0.08	0.23	R	G&L	40.00	40.00	0.0	1600.0	188400
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E-2	1	3.20	2.93	0.00	0.28	R	G&L	40.00	40.00	0.0	1600.0	188400
D-2	2	3.20	2.90	0.08	0.23	R	G&L	40.00	40.00	0.0	1600.0	188400
D-2	1	3.20	2.93	0.00	0.28	R	G&L	40.00	40.00	0.0	1600.0	188400
B-2	2	3.20	2.90	0.08	0.23	R	G&L	40.00	40.00	0.0	1600.0	188400
B-2	1	3.20	2.93	0.00	0.28	R	G&L	40.00	40.00	0.0	1600.0	188400

BEAMS

Beam	Floor	L (m)	Lu (m)	a (m)	c (m)	Sec	Sys	b (cm)	h (cm)	bw (cm)	hf (cm)	A (cm <sup>2</sup> )	E (K/cm <sup>2</sup> )
A(3-4)	2	1.79	1.64	0.00	0.15	R	G&L	15.00	35.00	0.00	0.00	525.0	188400
A(4-5)	2	1.79	1.64	0.15	0.00	R	G&L	15.00	35.00	0.00	0.00	525.0	188400
B(2-3)	2	1.79	1.59	0.20	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
B(3-4)	2	1.79	1.59	0.00	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
B(4-5)	2	1.79	1.59	0.20	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
B(5-6)	2	1.79	1.59	0.00	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
B(6-7)	2	3.57	3.17	0.20	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
B(7-8)	2	3.57	3.17	0.20	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
B(8-9)	2	3.57	3.17	0.20	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
B(9-10)	2	4.61	4.21	0.20	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
B(10-11)	2	3.57	3.17	0.20	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
B(11-12)	2	3.57	3.17	0.20	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
B(12-13)	2	2.00	1.65	0.20	0.15	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
B(13-14)	2	1.57	1.22	0.15	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
D(1-2)	2	1.20	1.00	0.00	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
D(2-3)	2	1.79	1.59	0.20	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
D(3-4)	2	1.79	1.59	0.00	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
D(4-5)	2	1.79	1.59	0.20	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
D(5-6)	2	1.79	1.59	0.00	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
D(6-7)	2	3.57	3.17	0.20	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
D'(5-6)	2	1.79	1.79	0.00	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
D'(6-7)	2	3.57	3.42	0.00	0.15	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
E(1-2)	2	1.20	1.00	0.00	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
E(2-3)	2	1.79	1.59	0.20	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
E(3-4)	2	1.79	1.59	0.00	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
E(4-5)	2	1.79	1.59	0.20	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
F(13-14)	2	1.57	1.17	0.20	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
F'(5-6)	2	1.79	1.79	0.00	0.00	R	G&L	15.00	35.00	0.00	0.00	525.0	188400
F'(6-7)	2	3.57	3.42	0.00	0.15	R	G&L	15.00	35.00	0.00	0.00	525.0	188400
F'(7-8)	2	3.57	3.27	0.15	0.15	R	G&L	15.00	35.00	0.00	0.00	525.0	188400
F'(8-9)	2	3.57	3.27	0.15	0.15	R	G&L	15.00	35.00	0.00	0.00	525.0	188400
F'(9-10)	2	4.61	4.31	0.15	0.15	R	G&L	15.00	35.00	0.00	0.00	525.0	188400
F'(10-11)	2	3.57	3.27	0.15	0.15	R	G&L	15.00	35.00	0.00	0.00	525.0	188400
F'(11-12)	2	3.57	3.27	0.15	0.15	R	G&L	15.00	35.00	0.00	0.00	525.0	188400
F'(12-13)	2	2.00	1.85	0.15	0.00	R	G&L	15.00	35.00	0.00	0.00	525.0	188400
F'(13-14)	2	1.57	1.47	0.00	0.10	R	G&L	15.00	35.00	0.00	0.00	525.0	188400
G(1-2)	2	1.20	1.00	0.00	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400

G(2-3)	2	1.79	1.59	0.20	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
G(3-4)	2	1.79	1.59	0.00	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
G(4-5)	2	1.79	1.59	0.20	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
G(5-6)	2	1.79	1.59	0.00	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
G(6-7)	2	3.57	3.17	0.20	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
G(7-8)	2	3.57	3.17	0.20	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
G(8-9)	2	3.57	3.17	0.20	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
G(9-10)	2	4.61	4.21	0.20	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
G(10-11)	2	3.57	3.17	0.20	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
G(11-12)	2	3.57	3.17	0.20	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
G(12-13)	2	2.00	1.80	0.20	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
G(13-14)	2	1.57	1.37	0.00	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
H(2-3)	2	1.79	1.59	0.20	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
H(3-4)	2	1.79	1.59	0.00	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
H(4-5)	2	1.79	1.59	0.20	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
H(5-6)	2	1.79	1.59	0.00	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
H(6-7)	2	3.57	3.17	0.20	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
H(7-8)	2	3.57	3.17	0.20	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
H(8-9)	2	3.57	3.17	0.20	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
H(9-10)	2	4.61	4.21	0.20	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
H(10-11)	2	3.57	3.17	0.20	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
H(11-12)	2	3.57	3.17	0.20	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
H(12-13)	2	2.00	1.80	0.20	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
H(13-14)	2	1.57	1.37	0.00	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
I(3-4)	2	1.79	1.64	0.00	0.15	R	G&L	15.00	35.00	0.00	0.00	525.0	188400
I(4-5)	2	1.79	1.64	0.15	0.00	R	G&L	15.00	35.00	0.00	0.00	525.0	188400
I(9-10)	2	4.61	4.31	0.15	0.15	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
I(10-11)	2	3.57	3.27	0.15	0.15	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
I(11-12)	2	3.57	3.27	0.15	0.15	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
B(2-3)	3	1.79	1.59	0.20	0.00	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
B(3-4)	3	1.79	1.59	0.00	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
B(4-5)	3	1.79	1.59	0.20	0.00	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
B(5-6)	3	1.79	1.59	0.00	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
B(6-7)	3	3.57	3.17	0.20	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
B(7-8)	3	3.57	3.17	0.20	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
B(8-9)	3	3.57	3.17	0.20	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
B(9-10)	3	4.61	4.21	0.20	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
B(10-11)	3	3.57	3.17	0.20	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
B(11-12)	3	3.57	3.17	0.20	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
B(12-13)	3	2.00	1.65	0.20	0.15	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
B(13-14)	3	1.57	1.22	0.15	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
B(14-15)	3	1.20	1.00	0.20	0.00	R	G&L	20.00	30.00	0.00	0.00	600.0	188400
C(7-8)	3	3.57	3.27	0.15	0.15	R	G&L	12.00	30.00	0.00	0.00	360.0	188400
C(8-9)	3	3.57	3.27	0.15	0.15	R	G&L	12.00	30.00	0.00	0.00	360.0	188400
C(9-10)	3	4.61	4.31	0.15	0.15	R	G&L	12.00	30.00	0.00	0.00	360.0	188400



C(10-11)	3	3.57	3.27	0.15	0.15	R	G&L	12.00	30.00	0.00	0.00	360.0	188400
C(11-12)	3	3.57	3.27	0.15	0.15	R	G&L	12.00	30.00	0.00	0.00	360.0	188400
C(12-13)	3	2.00	1.70	0.15	0.15	R	G&L	12.00	30.00	0.00	0.00	360.0	188400
D(2-3)	3	1.79	1.59	0.20	0.00	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
D(3-4)	3	1.79	1.59	0.00	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
D(4-5)	3	1.79	1.59	0.20	0.00	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
D(5-6)	3	1.79	1.59	0.00	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
D(6-7)	3	3.57	3.17	0.20	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
D'(4-5)	3	1.79	1.64	0.15	0.00	R	G&L	12.00	30.00	0.00	0.00	360.0	188400
D'(5-6)	3	1.79	1.79	0.00	0.00	R	G&L	12.00	30.00	0.00	0.00	360.0	188400
D'(6-7)	3	3.57	3.42	0.00	0.15	R	G&L	12.00	30.00	0.00	0.00	360.0	188400
E(2-3)	3	1.79	1.59	0.20	0.00	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
E(3-4)	3	1.79	1.59	0.00	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
F(12-13)	3	2.00	1.80	0.00	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
F(13-14)	3	1.57	1.17	0.20	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
F(14-15)	3	1.20	1.00	0.20	0.00	R	G&L	20.00	30.00	0.00	0.00	600.0	188400
F'(4-5)	3	1.79	1.64	0.15	0.00	R	G&L	12.00	30.00	0.00	0.00	360.0	188400
F'(5-6)	3	1.79	1.79	0.00	0.00	R	G&L	12.00	30.00	0.00	0.00	360.0	188400
F'(6-7)	3	3.57	3.42	0.00	0.15	R	G&L	12.00	30.00	0.00	0.00	360.0	188400
G(2-3)	3	1.79	1.59	0.20	0.00	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
G(3-4)	3	1.79	1.59	0.00	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
G(4-5)	3	1.79	1.59	0.20	0.00	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
G(5-6)	3	1.79	1.59	0.00	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
G(6-7)	3	3.57	3.17	0.20	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
G(7-8)	3	3.57	3.17	0.20	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
G(8-9)	3	3.57	3.17	0.20	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
G(9-10)	3	4.61	4.21	0.20	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
G(10-11)	3	3.57	3.17	0.20	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
G(11-12)	3	3.57	3.17	0.20	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
G(12-13)	3	2.00	1.65	0.20	0.15	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
G(13-14)	3	1.57	1.22	0.15	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
G(14-15)	3	1.20	1.00	0.20	0.00	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
H(2-3)	3	1.79	1.59	0.20	0.00	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
H(3-4)	3	1.79	1.59	0.00	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
H(4-5)	3	1.79	1.59	0.20	0.00	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
H(5-6)	3	1.79	1.59	0.00	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
H(6-7)	3	3.57	3.17	0.20	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
H(7-8)	3	3.57	3.17	0.20	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
H(8-9)	3	3.57	3.17	0.20	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
H(9-10)	3	4.61	4.21	0.20	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
H(10-11)	3	3.57	3.17	0.20	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
H(11-12)	3	3.57	3.17	0.20	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
H(12-13)	3	2.00	1.80	0.20	0.00	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
H(13-14)	3	1.57	1.37	0.00	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
1(D-D')	2	1.19	1.04	0.15	0.00	R	G&L	15.00	35.00	0.00	0.00	525.0	188400

1 (D'-E)	2	2.32	2.17	0.00	0.15	R	G&L	15.00	35.00	0.00	0.00	525.0	188400
1 (F-F')	2	2.28	2.28	0.00	0.00	R	G&L	15.00	35.00	0.00	0.00	525.0	188400
1 (F'-G)	2	0.88	0.73	0.00	0.15	R	G&L	15.00	35.00	0.00	0.00	525.0	188400
2 (B-C)	2	1.54	1.34	0.20	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
2 (C-D)	2	2.30	2.10	0.00	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
2 (D-D')	2	1.19	0.99	0.20	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
2 (D'-E)	2	2.32	2.12	0.00	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
2 (E-F)	2	0.35	0.15	0.20	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
2 (F-F')	2	2.28	2.28	0.00	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
2 (F'-G)	2	0.88	0.68	0.00	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
2 (G-H)	2	3.84	3.44	0.20	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
3 (A-B)	2	1.20	1.20	0.00	0.00	R	G&L	15.00	35.00	0.00	0.00	525.0	188400
3 (E-F)	2	0.35	0.35	0.00	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
3 (H-I)	2	1.20	1.20	0.00	0.00	R	G&L	15.00	35.00	0.00	0.00	525.0	188400
4 (A-B)	2	1.20	1.00	0.00	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
4 (B-C)	2	1.54	1.34	0.20	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
4 (C-D)	2	2.30	2.10	0.00	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
4 (D-D')	2	1.19	0.99	0.20	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
4 (D'-E)	2	2.32	2.12	0.00	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
4 (E-F)	2	0.35	0.15	0.20	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
4 (F-F')	2	2.28	2.28	0.00	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
4 (F'-G)	2	0.88	0.68	0.00	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
4 (G-H)	2	3.84	3.44	0.20	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
4 (H-I)	2	1.20	1.00	0.20	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
5 (A-B)	2	1.20	1.20	0.00	0.00	R	G&L	15.00	35.00	0.00	0.00	525.0	188400
5 (D-D')	2	1.19	1.04	0.15	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
5 (D'-E)	2	2.32	2.17	0.00	0.15	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
5 (E-F)	2	0.35	0.20	0.15	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
5 (F-F')	2	2.28	2.20	0.00	0.08	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
5 (F'-G)	2	0.88	0.66	0.08	0.15	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
5 (H-I)	2	1.20	1.20	0.00	0.00	R	G&L	15.00	35.00	0.00	0.00	525.0	188400
6 (B-C)	2	1.54	1.34	0.20	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
6 (C-D)	2	2.30	2.10	0.00	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
6 (G-H)	2	3.84	3.44	0.20	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
7 (B-C)	2	1.54	1.34	0.20	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
7 (C-D)	2	2.30	2.10	0.00	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
7 (D-D')	2	1.19	0.99	0.20	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
7 (D'-E)	2	2.32	2.32	0.00	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
7 (E-F)	2	0.35	0.35	0.00	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
7 (F-F')	2	2.28	2.20	0.00	0.08	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
7 (F'-G)	2	0.88	0.61	0.08	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
7 (G-H)	2	3.84	3.44	0.20	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
8 (F'-G)	2	0.88	0.68	0.00	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
8 (G-H)	2	3.84	3.44	0.20	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
9 (F'-G)	2	0.88	0.68	0.00	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
9 (G-H)	2	3.84	3.44	0.20	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400

9 (H-I)	2	1.20	1.00	0.20	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
10 (F'-G)	2	0.88	0.68	0.00	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
10 (G-H)	2	3.84	3.44	0.20	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
10 (H-I)	2	1.20	1.00	0.20	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
11 (F'-G)	2	0.88	0.68	0.00	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
11 (G-H)	2	3.84	3.44	0.20	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
11 (H-I)	2	1.20	1.00	0.20	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
12 (F'-G)	2	0.88	0.68	0.00	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
12 (G-H)	2	3.84	3.44	0.20	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
12 (H-I)	2	1.20	1.00	0.20	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
13 (B-C)	2	1.54	1.39	0.15	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
13 (C-D)	2	2.30	2.30	0.00	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
13 (D-D')	2	1.19	1.19	0.00	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
13 (D'-E)	2	2.32	2.32	0.00	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
13 (E-F)	2	0.35	0.15	0.00	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
14 (E-F)	2	0.35	0.15	0.00	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
14 (F-F')	2	2.28	1.98	0.20	0.10	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
14 (F'-G)	2	0.88	0.58	0.10	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
14 (G-H)	2	3.84	3.44	0.20	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
2 (B-C)	3	1.54	1.34	0.20	0.00	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
2 (C-D)	3	2.30	2.10	0.00	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
2 (D-D')	3	1.19	0.99	0.20	0.00	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
2 (D'-E)	3	2.32	2.12	0.00	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
2 (E-F)	3	0.35	0.15	0.20	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
2 (F-F')	3	2.28	2.28	0.00	0.00	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
2 (F'-G)	3	0.88	0.68	0.00	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
2 (G-H)	3	3.84	3.44	0.20	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
4 (B-C)	3	1.54	1.34	0.20	0.00	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
4 (C-D)	3	2.30	2.10	0.00	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
4 (D-D')	3	1.19	0.99	0.20	0.00	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
4 (D'-E)	3	2.32	2.12	0.00	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
4 (E-F)	3	0.35	0.15	0.20	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
4 (F-F')	3	2.28	2.28	0.00	0.00	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
4 (F'-G)	3	0.88	0.68	0.00	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
4 (G-H)	3	3.84	3.44	0.20	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
6 (B-C)	3	1.54	1.34	0.20	0.00	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
6 (C-D)	3	2.30	2.10	0.00	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
6 (G-H)	3	3.84	3.44	0.20	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
7 (B-C)	3	1.54	1.34	0.20	0.00	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
7 (C-D)	3	2.30	2.10	0.00	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
7 (D-D')	3	1.19	0.99	0.20	0.00	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
7 (D'-E)	3	2.32	2.32	0.00	0.00	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
7 (E-F)	3	0.35	0.35	0.00	0.00	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
7 (F-F')	3	2.28	2.28	0.00	0.00	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
7 (F'-G)	3	0.88	0.68	0.00	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400

7 (G-H)	3	3.84	3.44	0.20	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
8 (B-C)	3	1.54	1.34	0.20	0.00	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
8 (G-H)	3	3.84	3.44	0.20	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
9 (B-C)	3	1.54	1.34	0.20	0.00	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
9 (G-H)	3	3.84	3.44	0.20	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
10 (B-C)	3	1.54	1.34	0.20	0.00	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
10 (G-H)	3	3.84	3.44	0.20	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
11 (B-C)	3	1.54	1.34	0.20	0.00	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
11 (G-H)	3	3.84	3.44	0.20	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
12 (B-C)	3	1.54	1.34	0.20	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
12 (C-D)	3	2.30	2.30	0.00	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
12 (D-D')	3	1.19	1.19	0.00	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
12 (D'-E)	3	2.32	2.32	0.00	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
12 (E-F)	3	0.35	0.20	0.00	0.15	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
12 (F-F')	3	2.28	2.13	0.15	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
12 (F'-G)	3	0.88	0.68	0.00	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
12 (G-H)	3	3.84	3.44	0.20	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
13 (B-C)	3	1.54	1.39	0.15	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
13 (C-D)	3	2.30	2.30	0.00	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
13 (D-D')	3	1.19	1.19	0.00	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
13 (D'-E)	3	2.32	2.32	0.00	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
13 (E-F)	3	0.35	0.15	0.00	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
13 (F-F')	3	2.28	2.08	0.20	0.00	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
13 (F'-G)	3	0.88	0.73	0.00	0.15	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
14 (B-C)	3	1.54	1.34	0.20	0.00	R	G&L	20.00	30.00	0.00	0.00	600.0	188400
14 (C-D)	3	2.30	2.30	0.00	0.00	R	G&L	20.00	30.00	0.00	0.00	600.0	188400
14 (D-D')	3	1.19	1.19	0.00	0.00	R	G&L	20.00	30.00	0.00	0.00	600.0	188400
14 (D'-E)	3	2.32	2.32	0.00	0.00	R	G&L	20.00	30.00	0.00	0.00	600.0	188400
14 (E-F)	3	0.35	0.15	0.00	0.20	R	G&L	30.00	35.00	0.00	0.00	1050.0	188400
14 (F-F')	3	2.28	1.98	0.20	0.10	R	G&L	20.00	30.00	0.00	0.00	600.0	188400
14 (F'-G)	3	0.88	0.58	0.10	0.20	R	G&L	20.00	30.00	0.00	0.00	600.0	188400
14 (G-H)	3	3.84	3.44	0.20	0.20	R	G&L	30.00	30.00	0.00	0.00	900.0	188400
15 (B-C)	3	1.54	1.44	0.10	0.00	R	G&L	20.00	30.00	0.00	0.00	600.0	188400
15 (C-D)	3	2.30	2.30	0.00	0.00	R	G&L	20.00	30.00	0.00	0.00	600.0	188400
15 (D-D')	3	1.19	1.19	0.00	0.00	R	G&L	20.00	30.00	0.00	0.00	600.0	188400
15 (D'-E)	3	2.32	2.32	0.00	0.00	R	G&L	20.00	30.00	0.00	0.00	600.0	188400
15 (E-F)	3	0.35	0.25	0.00	0.10	R	G&L	12.00	30.00	0.00	0.00	360.0	188400
15 (F-F')	3	2.28	2.18	0.10	0.00	R	G&L	20.00	30.00	0.00	0.00	600.0	188400
15 (F'-G)	3	0.88	0.73	0.00	0.15	R	G&L	20.00	30.00	0.00	0.00	600.0	188400

W A L L     D A T A

Total number of wall panels..... =     2

WALL PANELS

Wall	Story	System	t (cm)	B (m)	H (m)	E (K/cm <sup>2</sup> )	G (K/cm <sup>2</sup> )
14 (F'-G)	1	G&L	20.0	0.88	3.20	188400	75360
14 (F'-G)	2	G&L	20.0	0.88	3.20	188400	75360

ANALYSIS - MAXIMUM STORY DRIFT RATIO, d/h

Story	ColAxis	(dx/h)max	(dy/h)max	$([(dx/h)^2 + (dy/h)^2]^{0.5})_{max}$
2	B-2	0.0061	0.0048	0.0061
	D-2	0.0061	0.0047	0.0061
	E-2	0.0061	0.0046	0.0061
	G-2	0.0061	0.0047	0.0061
	H-2	0.0061	0.0047	0.0061
	B-4	0.0061	0.0048	0.0061
	D-4	0.0061	0.0047	0.0061
	E-4	0.0061	0.0046	0.0061
	G-4	0.0061	0.0047	0.0061
	H-4	0.0061	0.0047	0.0061
	B-6	0.0060	0.0048	0.0060
	D-6	0.0060	0.0047	0.0060
	G-6	0.0060	0.0047	0.0060
	H-6	0.0060	0.0047	0.0060
	B-7	0.0060	0.0048	0.0060
	D-7	0.0060	0.0047	0.0060
	G-7	0.0060	0.0047	0.0060
	H-7	0.0060	0.0047	0.0060
	B-8	0.0069	0.0049	0.0069
	G-8	0.0059	0.0047	0.0059
H-8	0.0059	0.0047	0.0059	
B-9	0.0071	0.0049	0.0072	
G-9	0.0060	0.0047	0.0060	
H-9	0.0060	0.0047	0.0060	
B-10	0.0075	0.0049	0.0075	

G-10	0.0064	0.0047	0.0064
H-10	0.0064	0.0047	0.0064
B-11	0.0077	0.0050	0.0078
G-11	0.0067	0.0047	0.0067
H-11	0.0067	0.0047	0.0067
B-12	0.0075	0.0050	0.0075
G-12	0.0070	0.0047	0.0070
H-12	0.0070	0.0047	0.0070
F-13	0.0075	0.0049	0.0075
B-14	0.0078	0.0050	0.0079
F-14	0.0084	0.0049	0.0084
F'-14	0.0085	0.0047	0.0085
G-14	0.0084	0.0047	0.0085
H-14	0.0084	0.0048	0.0084

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B-2	0.0056	0.0043	0.0056
D-2	0.0056	0.0043	0.0056
E-2	0.0056	0.0042	0.0056
G-2	0.0056	0.0043	0.0056
H-2	0.0056	0.0044	0.0056
B-4	0.0054	0.0043	0.0055
D-4	0.0054	0.0043	0.0054
E-4	0.0054	0.0042	0.0054
G-4	0.0054	0.0043	0.0054
H-4	0.0054	0.0044	0.0054
B-6	0.0053	0.0043	0.0053
D-6	0.0053	0.0043	0.0053
G-6	0.0053	0.0043	0.0053
H-6	0.0053	0.0044	0.0053
B-7	0.0051	0.0043	0.0051
D-7	0.0051	0.0043	0.0051
G-7	0.0051	0.0043	0.0051
H-7	0.0051	0.0044	0.0051
B-8	0.0040	0.0043	0.0043
G-8	0.0050	0.0043	0.0050
H-8	0.0050	0.0044	0.0050
B-9	0.0038	0.0042	0.0042
G-9	0.0050	0.0043	0.0050
H-9	0.0050	0.0044	0.0050
B-10	0.0041	0.0042	0.0042
G-10	0.0052	0.0043	0.0052
H-10	0.0052	0.0044	0.0052
B-11	0.0043	0.0042	0.0043
G-11	0.0053	0.0043	0.0053
H-11	0.0053	0.0044	0.0054
B-12	0.0051	0.0042	0.0051

G-12	0.0055	0.0043	0.0055
H-12	0.0055	0.0044	0.0055
F-13	0.0053	0.0040	0.0053
B-14	0.0052	0.0042	0.0052
F-14	0.0046	0.0040	0.0046
F'-14	0.0045	0.0043	0.0045
G-14	0.0045	0.0043	0.0045
H-14	0.0046	0.0044	0.0046

Note: Drift amplification factor, D: 1 in X; 1 in Y

MAXIMA DRIFT: (d/h)<sub>x</sub> =0.0085; (d/h)<sub>y</sub> =0.0050; (d/h)<sub>r</sub> =0.0085

Linear Analysis- Column End Forces

Units: ton, ton-m

Column	Stry	Load	BOTTOM						TOP					
			Axial	Shear2	Shear3	Torque	Mom-2	Mom-3	Axial	Shear2	Shear3	Torque	Mom-2	Mom-3
H-14	2	1	4.6	0.8	-0.2	0.0	-0.2	0.7	4.6	0.8	-0.2	0.0	0.3	-1.6
		2	5.5	2.6	0.2	0.0	0.2	3.6	5.5	2.6	0.2	0.0	-0.3	-3.9
		3	3.1	-1.2	-0.5	0.0	-0.7	-2.3	3.1	-1.2	-0.5	0.0	0.8	1.1
		4	6.0	2.6	-0.3	0.0	-0.3	3.7	6.0	2.6	-0.3	0.0	0.5	-4.0
		5	2.6	-1.2	-0.1	0.0	-0.2	-2.4	2.6	-1.2	-0.1	0.0	0.1	1.2
		6	5.3	2.2	0.1	0.0	0.1	3.0	5.3	2.2	0.1	0.0	-0.1	-3.4
		7	3.3	-0.8	-0.4	0.0	-0.5	-1.7	3.3	-0.8	-0.4	0.0	0.7	0.6
		8	5.7	2.1	-0.4	0.0	-0.4	2.9	5.7	2.1	-0.4	0.0	0.7	-3.3
		9	2.9	-0.7	0.0	0.0	0.0	-1.6	2.9	-0.7	0.0	0.0	-0.1	0.5
		10	3.9	1.2	0.6	0.0	0.6	1.4	3.9	1.2	0.6	0.0	-1.0	-2.0
		11	4.7	0.2	-0.9	0.0	-1.1	-0.1	4.7	0.2	-0.9	0.0	1.6	-0.7
		12	3.0	0.0	0.5	0.0	0.5	-0.4	3.0	0.0	0.5	0.0	-0.9	-0.5
		13	5.6	1.4	-0.8	0.0	-1.0	1.7	5.6	1.4	-0.8	0.0	1.5	-2.3
		14	3.9	1.3	0.6	0.0	0.6	1.5	3.9	1.3	0.6	0.0	-1.0	-2.1
		15	4.7	0.1	-0.9	0.0	-1.1	-0.2	4.7	0.1	-0.9	0.0	1.6	-0.6
		16	3.2	0.4	0.6	0.0	0.6	0.1	3.2	0.4	0.6	0.0	-1.1	-1.0
		17	5.4	1.0	-0.9	0.0	-1.1	1.1	5.4	1.0	-0.9	0.0	1.6	-1.8
		18	4.2	2.3	0.0	0.0	0.0	3.4	4.2	2.3	0.0	0.0	0.0	-3.4
		19	1.4	-1.5	-0.3	0.0	-0.4	-2.6	1.4	-1.5	-0.3	0.0	0.4	1.8
		20	4.0	1.9	-0.1	0.0	-0.1	2.7	4.0	1.9	-0.1	0.0	0.2	-2.8

		21	1.6	-1.1	-0.1	0.0	-0.2	-1.9	1.6	-1.1	-0.1	0.0	0.2	1.2
		22	1.9	0.3	0.6	0.0	0.6	0.2	1.9	0.3	0.6	0.0	-1.0	-0.7
		23	3.6	0.5	-0.8	0.0	-1.0	0.5	3.6	0.5	-0.8	0.0	1.4	-0.9
		24	2.1	0.5	0.6	0.0	0.7	0.6	2.1	0.5	0.6	0.0	-1.1	-1.0
		25	3.5	0.3	-0.9	0.0	-1.0	0.2	3.5	0.3	-0.9	0.0	1.5	-0.6
H-14	1	1	7.2	0.1	0.0	0.0	0.1	0.2	7.2	0.1	0.0	0.0	0.0	0.0
		2	9.5	1.3	0.6	0.0	1.3	3.3	9.5	1.3	0.6	0.0	-0.5	-0.6
		3	4.3	-1.2	-0.6	0.0	-1.2	-2.9	4.3	-1.2	-0.6	0.0	0.5	0.6
		4	11.0	1.4	-0.4	0.0	-0.7	3.4	11.0	1.4	-0.4	0.0	0.4	-0.6
		5	2.8	-1.2	0.4	0.0	0.9	-3.0	2.8	-1.2	0.4	0.0	-0.4	0.6
		6	9.0	1.0	0.4	0.0	0.9	2.6	9.0	1.0	0.4	0.0	-0.3	-0.4
		7	4.7	-0.9	-0.4	0.0	-0.8	-2.2	4.7	-0.9	-0.4	0.0	0.3	0.4
		8	10.4	1.0	-0.7	0.0	-1.3	2.5	10.4	1.0	-0.7	0.0	0.7	-0.4
		9	3.4	-0.9	0.7	0.0	1.4	-2.1	3.4	-0.9	0.7	0.0	-0.6	0.4
		10	5.4	0.4	1.7	0.0	3.5	1.0	5.4	0.4	1.7	0.0	-1.5	-0.1
		11	8.4	-0.3	-1.7	0.0	-3.4	-0.6	8.4	-0.3	-1.7	0.0	1.6	0.2
		12	3.4	-0.4	1.7	0.0	3.4	-0.9	3.4	-0.4	1.7	0.0	-1.5	0.2
		13	10.4	0.5	-1.6	0.0	-3.2	1.3	10.4	0.5	-1.6	0.0	1.5	-0.2
		14	5.5	0.4	1.8	0.0	3.6	1.1	5.5	0.4	1.8	0.0	-1.6	-0.2
		15	8.2	-0.3	-1.7	0.0	-3.5	-0.7	8.2	-0.3	-1.7	0.0	1.6	0.2
		16	3.8	-0.1	1.9	0.0	3.8	-0.3	3.8	-0.1	1.9	0.0	-1.7	0.1
		17	9.9	0.2	-1.8	0.0	-3.6	0.7	9.9	0.2	-1.8	0.0	1.7	-0.1
		18	8.0	1.3	0.1	0.0	0.2	3.3	8.0	1.3	0.1	0.0	0.0	-0.6
		19	1.4	-1.2	-0.1	0.0	-0.2	-3.0	1.4	-1.2	-0.1	0.0	0.1	0.6
		20	7.5	1.0	-0.1	0.0	-0.2	2.5	7.5	1.0	-0.1	0.0	0.2	-0.4
		21	1.9	-0.9	0.1	0.0	0.3	-2.2	1.9	-0.9	0.1	0.0	-0.1	0.4
		22	2.2	0.0	1.7	0.0	3.4	0.0	2.2	0.0	1.7	0.0	-1.5	0.0
		23	7.2	0.1	-1.7	0.0	-3.3	0.3	7.2	0.1	-1.7	0.0	1.6	0.0
		24	2.5	0.1	1.8	0.0	3.7	0.4	2.5	0.1	1.8	0.0	-1.6	-0.1
		25	6.9	0.0	-1.8	0.0	-3.6	-0.1	6.9	0.0	-1.8	0.0	1.7	0.0
G-14	2	1	3.1	0.0	-0.1	0.0	-0.2	0.1	3.1	0.0	-0.1	0.0	0.2	-0.1
		2	7.2	2.9	0.1	0.0	0.0	4.4	7.2	2.9	0.1	0.0	-0.2	-4.0
		3	-1.5	-2.8	-0.3	0.0	-0.4	-4.2	-1.5	-2.8	-0.3	0.0	0.5	3.8
		4	7.6	3.0	-0.2	0.0	-0.1	4.5	7.6	3.0	-0.2	0.0	0.4	-4.1
		5	-2.0	-2.9	-0.1	0.0	-0.3	-4.4	-2.0	-2.9	-0.1	0.0	-0.1	4.0
		6	6.5	2.3	0.0	0.0	-0.1	3.5	6.5	2.3	0.0	0.0	-0.1	-3.2
		7	-0.8	-2.2	-0.3	0.0	-0.3	-3.4	-0.8	-2.2	-0.3	0.0	0.4	3.0
		8	6.7	2.2	-0.2	0.0	-0.2	3.3	6.7	2.2	-0.2	0.0	0.5	-3.0
		9	-1.0	-2.1	0.0	0.0	-0.3	-3.2	-1.0	-2.1	0.0	0.0	-0.1	2.9
		10	3.4	0.8	0.3	0.0	0.0	1.1	3.4	0.8	0.3	0.0	-0.8	-1.0
		11	2.3	-0.7	-0.5	0.0	-0.4	-1.0	2.3	-0.7	-0.5	0.0	1.1	0.9
		12	0.7	-1.0	0.2	0.0	-0.1	-1.5	0.7	-1.0	0.2	0.0	-0.7	1.3
		13	5.0	1.1	-0.5	0.0	-0.3	1.6	5.0	1.1	-0.5	0.0	1.1	-1.5
		14	3.6	0.9	0.3	0.0	-0.1	1.3	3.6	0.9	0.3	0.0	-0.8	-1.2



		15	2.0	-0.8	-0.5	0.0	-0.4	-1.2	2.0	-0.8	-0.5	0.0	1.1	1.1
		16	1.4	-0.4	0.2	0.0	-0.1	-0.7	1.4	-0.4	0.2	0.0	-0.8	0.6
		17	4.3	0.5	-0.5	0.0	-0.3	0.8	4.3	0.5	-0.5	0.0	1.1	-0.7
		18	6.4	2.9	0.0	0.0	0.0	4.4	6.4	2.9	0.0	0.0	0.0	-4.0
		19	-2.7	-2.9	-0.2	0.0	-0.3	-4.3	-2.7	-2.9	-0.2	0.0	0.2	3.9
		20	5.6	2.2	-0.1	0.0	0.0	3.4	5.6	2.2	-0.1	0.0	0.1	-3.1
		21	-1.9	-2.2	-0.1	0.0	-0.2	-3.3	-1.9	-2.2	-0.1	0.0	0.1	3.0
		22	1.1	-0.1	0.3	0.0	0.0	-0.2	1.1	-0.1	0.3	0.0	-0.8	0.2
		23	2.7	0.2	-0.4	0.0	-0.3	0.3	2.7	0.2	-0.4	0.0	1.0	-0.3
		24	1.5	0.2	0.3	0.0	0.0	0.3	1.5	0.2	0.3	0.0	-0.9	-0.3
		25	2.2	-0.1	-0.5	0.0	-0.3	-0.2	2.2	-0.1	-0.5	0.0	1.0	0.2
G-14	1	1	7.6	0.1	-0.1	0.0	-0.1	0.3	7.6	0.1	-0.1	0.0	0.2	-0.1
		2	37.3	1.8	0.4	0.0	0.9	3.8	37.3	1.8	0.4	0.0	-0.1	-1.5
		3	-23.2	-1.6	-0.5	0.0	-1.1	-3.3	-23.2	-1.6	-0.5	0.0	0.5	1.3
		4	39.1	1.9	-0.4	0.0	-0.9	3.9	39.1	1.9	-0.4	0.0	0.3	-1.6
		5	-25.0	-1.6	0.2	0.0	0.7	-3.4	-25.0	-1.6	0.2	0.0	0.0	1.3
		6	30.9	1.4	0.3	0.0	0.8	3.0	30.9	1.4	0.3	0.0	-0.1	-1.2
		7	-16.8	-1.2	-0.5	0.0	-0.9	-2.5	-16.8	-1.2	-0.5	0.0	0.4	1.0
		8	30.5	1.4	-0.5	0.0	-1.1	2.9	30.5	1.4	-0.5	0.0	0.4	-1.1
		9	-16.4	-1.1	0.3	0.0	0.9	-2.4	-16.4	-1.1	0.3	0.0	0.0	0.9
		10	13.3	0.6	1.2	0.0	3.0	1.1	13.3	0.6	1.2	0.0	-0.6	-0.5
		11	0.8	-0.3	-1.4	0.0	-3.1	-0.6	0.8	-0.3	-1.4	0.0	1.0	0.2
		12	-5.4	-0.5	1.2	0.0	2.9	-1.0	-5.4	-0.5	1.2	0.0	-0.6	0.4
		13	19.5	0.7	-1.3	0.0	-3.0	1.5	19.5	0.7	-1.3	0.0	0.9	-0.6
		14	14.7	0.6	1.2	0.0	3.0	1.3	14.7	0.6	1.2	0.0	-0.6	-0.5
		15	-0.6	-0.4	-1.4	0.0	-3.1	-0.8	-0.6	-0.4	-1.4	0.0	1.0	0.3
		16	0.5	-0.1	1.3	0.0	3.1	-0.3	0.5	-0.1	1.3	0.0	-0.6	0.1
		17	13.6	0.4	-1.4	0.0	-3.2	0.8	13.6	0.4	-1.4	0.0	1.0	-0.3
		18	35.7	1.8	0.0	0.0	0.1	3.7	35.7	1.8	0.0	0.0	0.1	-1.5
		19	-26.6	-1.6	-0.1	0.0	-0.1	-3.4	-26.6	-1.6	-0.1	0.0	0.2	1.4
		20	28.2	1.3	-0.1	0.0	-0.1	2.8	28.2	1.3	-0.1	0.0	0.1	-1.1
		21	-19.1	-1.2	0.0	0.0	0.0	-2.5	-19.1	-1.2	0.0	0.0	0.1	1.0
		22	1.5	0.0	1.2	0.0	3.0	0.0	1.5	0.0	1.2	0.0	-0.6	0.0
		23	7.6	0.2	-1.3	0.0	-3.0	0.3	7.6	0.2	-1.3	0.0	0.9	-0.1
		24	5.1	0.2	1.3	0.0	3.1	0.4	5.1	0.2	1.3	0.0	-0.7	-0.2
		25	4.0	0.0	-1.4	0.0	-3.1	-0.1	4.0	0.0	-1.4	0.0	0.9	0.0
F-14	2	1	6.6	0.0	3.4	0.0	2.7	0.1	6.6	0.0	3.4	0.0	-7.0	0.2
		2	2.3	3.1	3.2	0.0	2.8	4.9	2.3	3.1	3.2	0.0	-6.5	-4.0
		3	9.5	-3.1	2.7	0.0	2.0	-4.7	9.5	-3.1	2.7	0.0	-5.7	4.3
		4	4.2	3.2	2.2	0.0	1.3	5.1	4.2	3.2	2.2	0.0	-5.0	-4.2
		5	7.6	-3.3	3.7	0.0	3.4	-5.0	7.6	-3.3	3.7	0.0	-7.2	4.5
		6	2.8	2.4	3.3	0.0	2.9	3.9	2.8	2.4	3.3	0.0	-6.6	-3.1
		7	9.0	-2.5	2.6	0.0	1.9	-3.8	9.0	-2.5	2.6	0.0	-5.6	3.4
		8	4.9	2.3	2.3	0.0	1.4	3.7	4.9	2.3	2.3	0.0	-5.1	-3.0

		9	6.9	-2.4	3.6	0.0	3.3	-3.6	6.9	-2.4	3.6	0.0	-7.1	3.3
		10	2.0	0.7	4.5	0.0	4.7	1.2	2.0	0.7	4.5	0.0	-8.4	-0.8
		11	9.9	-0.7	1.3	0.0	0.0	-1.1	9.9	-0.7	1.3	0.0	-3.8	1.1
		12	3.6	-1.2	4.7	0.0	4.9	-1.8	3.6	-1.2	4.7	0.0	-8.7	1.8
		13	8.3	1.2	1.2	0.0	-0.2	1.9	8.3	1.2	1.2	0.0	-3.6	-1.5
		14	1.8	0.8	4.5	0.0	4.7	1.4	1.8	0.8	4.5	0.0	-8.4	-1.0
		15	10.0	-0.9	1.3	0.0	0.0	-1.3	10.0	-0.9	1.3	0.0	-3.8	1.3
		16	3.1	-0.6	4.6	0.0	4.8	-0.9	3.1	-0.6	4.6	0.0	-8.6	1.0
		17	8.8	0.6	1.2	0.0	-0.1	1.0	8.8	0.6	1.2	0.0	-3.6	-0.7
		18	1.0	3.1	1.4	0.0	1.0	4.9	1.0	3.1	1.4	0.0	-3.1	-4.2
		19	6.3	-3.2	1.9	0.0	1.6	-4.9	6.3	-3.2	1.9	0.0	-3.8	4.3
		20	1.6	2.4	1.5	0.0	1.1	3.8	1.6	2.4	1.5	0.0	-3.2	-3.2
		21	5.7	-2.4	1.8	0.0	1.5	-3.7	5.7	-2.4	1.8	0.0	-3.7	3.3
		22	0.5	-0.3	3.3	0.0	3.7	-0.3	0.5	-0.3	3.3	0.0	-5.9	0.4
		23	6.8	0.2	0.0	0.0	-1.1	0.4	6.8	0.2	0.0	0.0	-1.0	-0.3
		24	0.1	0.1	3.3	0.0	3.7	0.2	0.1	0.1	3.3	0.0	-5.8	-0.1
		25	7.1	-0.1	0.0	0.0	-1.1	-0.2	7.1	-0.1	0.0	0.0	-1.0	0.2
F-14	1	1	10.4	0.2	-1.7	0.0	-2.0	0.4	10.4	0.2	-1.7	0.0	3.0	-0.3
		2	-2.3	2.2	-0.9	0.0	-0.6	4.2	-2.3	2.2	-0.9	0.0	2.0	-2.3
		3	21.3	-1.8	-2.1	0.0	-2.9	-3.6	21.3	-1.8	-2.1	0.0	3.3	1.8
		4	3.6	2.3	-2.1	0.0	-2.9	4.3	3.6	2.3	-2.1	0.0	3.4	-2.4
		5	15.4	-1.9	-0.9	0.0	-0.7	-3.7	15.4	-1.9	-0.9	0.0	1.9	1.9
		6	-0.5	1.8	-0.9	0.0	-0.6	3.4	-0.5	1.8	-0.9	0.0	2.0	-1.8
		7	19.5	-1.4	-2.1	0.0	-2.9	-2.7	19.5	-1.4	-2.1	0.0	3.4	1.3
		8	6.0	1.7	-2.1	0.0	-2.9	3.2	6.0	1.7	-2.1	0.0	3.4	-1.8
		9	13.0	-1.3	-0.9	0.0	-0.7	-2.6	13.0	-1.3	-0.9	0.0	1.9	1.3
		10	-2.9	0.7	0.6	0.0	2.0	1.3	-2.9	0.7	0.6	0.0	0.3	-0.7
		11	21.9	-0.3	-3.6	0.0	-5.5	-0.6	21.9	-0.3	-3.6	0.0	5.0	0.2
		12	2.4	-0.6	0.6	0.0	2.0	-1.1	2.4	-0.6	0.6	0.0	0.2	0.5
		13	16.6	1.0	-3.6	0.0	-5.5	1.7	16.6	1.0	-3.6	0.0	5.1	-1.0
		14	-3.3	0.8	0.6	0.0	2.0	1.4	-3.3	0.8	0.6	0.0	0.3	-0.8
		15	22.3	-0.4	-3.6	0.0	-5.5	-0.8	22.3	-0.4	-3.6	0.0	5.0	0.3
		16	0.8	-0.2	0.6	0.0	2.0	-0.3	0.8	-0.2	0.6	0.0	0.3	0.1
		17	18.2	0.6	-3.6	0.0	-5.5	1.0	18.2	0.6	-3.6	0.0	5.0	-0.6
		18	-2.8	2.2	-0.9	0.0	-1.0	4.1	-2.8	2.2	-0.9	0.0	1.5	-2.2
		19	14.9	-1.9	-0.9	0.0	-1.0	-3.8	14.9	-1.9	-0.9	0.0	1.5	1.9
		20	-0.7	1.6	-0.8	0.0	-1.0	3.1	-0.7	1.6	-0.8	0.0	1.5	-1.7
		21	12.8	-1.4	-0.9	0.0	-1.0	-2.8	12.8	-1.4	-0.9	0.0	1.5	1.4
		22	-3.7	0.0	1.3	0.0	2.8	-0.1	-3.7	0.0	1.3	0.0	-0.9	0.0
		23	15.8	0.2	-3.0	0.0	-4.8	0.4	15.8	0.2	-3.0	0.0	3.9	-0.3
		24	-4.7	0.2	1.2	0.0	2.7	0.4	-4.7	0.2	1.2	0.0	-0.9	-0.2
		25	16.8	0.0	-2.9	0.0	-4.7	-0.1	16.8	0.0	-2.9	0.0	3.9	-0.1
B-14	2	1	9.9	-0.8	-0.1	0.0	-0.3	-1.4	9.9	-0.8	-0.1	0.0	0.0	1.0
		2	8.4	-0.3	0.0	0.0	-0.1	-0.8	8.4	-0.3	0.0	0.0	-0.2	0.0

3	9.3	-1.1	-0.2	0.0	-0.4	-1.6	9.3	-1.1	-0.2	0.0	0.3	1.7
4	9.0	-0.3	-0.5	0.0	-0.8	-0.8	9.0	-0.3	-0.5	0.0	0.6	0.0
5	8.7	-1.2	0.3	0.0	0.2	-1.7	8.7	-1.2	0.3	0.0	-0.6	1.7
6	8.4	-0.3	0.2	0.0	0.1	-0.8	8.4	-0.3	0.2	0.0	-0.4	0.2
7	9.3	-1.1	-0.4	0.0	-0.6	-1.6	9.3	-1.1	-0.4	0.0	0.5	1.5
8	8.9	-0.4	-0.3	0.0	-0.6	-0.8	8.9	-0.4	-0.3	0.0	0.4	0.2
9	8.8	-1.1	0.1	0.0	0.0	-1.6	8.8	-1.1	0.1	0.0	-0.3	1.5
10	7.9	-0.6	0.7	0.0	0.8	-1.2	7.9	-0.6	0.7	0.0	-1.4	0.6
11	9.8	-0.8	-0.9	0.0	-1.4	-1.2	9.8	-0.8	-0.9	0.0	1.4	1.0
12	8.0	-0.9	0.8	0.0	0.9	-1.4	8.0	-0.9	0.8	0.0	-1.5	1.1
13	9.7	-0.5	-1.0	0.0	-1.5	-1.0	9.7	-0.5	-1.0	0.0	1.5	0.5
14	7.9	-0.6	0.8	0.0	0.8	-1.1	7.9	-0.6	0.8	0.0	-1.3	0.6
15	9.8	-0.8	-1.0	0.0	-1.4	-1.3	9.8	-0.8	-1.0	0.0	1.4	1.1
16	8.1	-0.8	0.7	0.0	0.8	-1.3	8.1	-0.8	0.7	0.0	-1.3	1.0
17	9.6	-0.6	-0.9	0.0	-1.4	-1.1	9.6	-0.6	-0.9	0.0	1.3	0.7
18	5.2	0.0	-0.2	0.0	-0.4	-0.3	5.2	0.0	-0.2	0.0	0.2	-0.4
19	5.5	-0.8	0.0	0.0	0.0	-1.1	5.5	-0.8	0.0	0.0	-0.1	1.3
20	5.1	0.0	-0.1	0.0	-0.2	-0.3	5.1	0.0	-0.1	0.0	0.0	-0.2
21	5.6	-0.8	-0.1	0.0	-0.2	-1.1	5.6	-0.8	-0.1	0.0	0.1	1.1
22	4.5	-0.4	0.8	0.0	0.9	-0.8	4.5	-0.4	0.8	0.0	-1.4	0.5
23	6.2	-0.3	-1.0	0.0	-1.3	-0.6	6.2	-0.3	-1.0	0.0	1.5	0.4
24	4.5	-0.4	0.8	0.0	0.9	-0.7	4.5	-0.4	0.8	0.0	-1.3	0.4
25	6.2	-0.4	-0.9	0.0	-1.3	-0.7	6.2	-0.4	-0.9	0.0	1.4	0.5

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1	12.3	0.9	-0.1	0.0	-0.1	1.5	12.3	0.9	-0.1	0.0	0.3	-1.1
2	10.4	1.6	0.2	0.0	0.6	4.2	10.4	1.6	0.2	0.0	-0.1	-0.5
3	12.0	-0.1	-0.5	0.0	-0.9	-1.6	12.0	-0.1	-0.5	0.0	0.7	-1.5
4	11.9	1.6	-0.7	0.0	-1.4	4.2	11.9	1.6	-0.7	0.0	0.8	-0.4
5	10.5	0.0	0.5	0.0	1.1	-1.7	10.5	0.0	0.5	0.0	-0.2	-1.5
6	10.1	1.4	0.4	0.0	1.0	3.5	10.1	1.4	0.4	0.0	-0.2	-0.5
7	12.3	0.2	-0.7	0.0	-1.3	-0.9	12.3	0.2	-0.7	0.0	0.8	-1.4
8	11.5	1.3	-0.4	0.0	-0.8	3.3	11.5	1.3	-0.4	0.0	0.5	-0.5
9	10.9	0.2	0.2	0.0	0.5	-0.8	10.9	0.2	0.2	0.0	0.1	-1.4
10	8.7	1.0	1.4	0.0	3.1	2.1	8.7	1.0	1.4	0.0	-1.1	-0.9
11	13.8	0.5	-1.7	0.0	-3.4	0.5	13.8	0.5	-1.7	0.0	1.7	-1.0
12	8.7	0.5	1.5	0.0	3.3	0.3	8.7	0.5	1.5	0.0	-1.1	-1.2
13	13.7	1.0	-1.8	0.0	-3.6	2.2	13.7	1.0	-1.8	0.0	1.7	-0.7
14	8.7	1.0	1.3	0.0	2.9	2.1	8.7	1.0	1.3	0.0	-1.0	-0.8
15	13.7	0.5	-1.6	0.0	-3.2	0.4	13.7	0.5	-1.6	0.0	1.6	-1.1
16	9.0	0.7	1.3	0.0	2.8	0.8	9.0	0.7	1.3	0.0	-0.9	-1.1
17	13.5	0.9	-1.6	0.0	-3.1	1.7	13.5	0.9	-1.6	0.0	1.5	-0.9
18	7.0	1.2	-0.2	0.0	-0.4	3.6	7.0	1.2	-0.2	0.0	0.3	0.0
19	7.2	-0.4	0.0	0.0	0.2	-2.2	7.2	-0.4	0.0	0.0	0.2	-1.1
20	6.7	1.0	0.0	0.0	0.1	2.8	6.7	1.0	0.0	0.0	0.1	-0.1
21	7.5	-0.2	-0.2	0.0	-0.3	-1.4	7.5	-0.2	-0.2	0.0	0.4	-1.0
22	4.6	0.4	1.5	0.0	3.2	0.6	4.6	0.4	1.5	0.0	-1.2	-0.6

		23	9.6	0.4	-1.7	0.0	-3.4	0.8	9.6	0.4	-1.7	0.0	1.6	-0.4
		24	4.8	0.5	1.3	0.0	2.9	0.9	4.8	0.5	1.3	0.0	-1.0	-0.5
		25	9.5	0.4	-1.6	0.0	-3.1	0.5	9.5	0.4	-1.6	0.0	1.5	-0.6
F-13	2	1	28.7	4.9	-5.3	0.0	-4.0	3.6	28.7	4.9	-5.3	0.0	11.6	-10.7
		2	24.9	5.4	-4.2	-0.1	-3.0	4.3	24.9	5.4	-4.2	-0.1	9.3	-11.6
		3	25.4	3.2	-5.0	0.0	-4.1	2.2	25.4	3.2	-5.0	0.0	10.8	-7.1
		4	23.0	5.4	-5.3	-0.1	-4.5	4.3	23.0	5.4	-5.3	-0.1	11.1	-11.7
		5	27.3	3.1	-3.9	0.0	-2.5	2.2	27.3	3.1	-3.9	0.0	9.1	-7.0
		6	25.1	5.2	-4.1	0.0	-2.9	4.2	25.1	5.2	-4.1	0.0	9.3	-11.3
		7	25.1	3.3	-5.1	0.0	-4.1	2.3	25.1	3.3	-5.1	0.0	10.9	-7.5
		8	23.3	5.2	-5.2	0.0	-4.4	4.1	23.3	5.2	-5.2	0.0	11.0	-11.1
		9	27.0	3.4	-4.0	0.0	-2.6	2.4	27.0	3.4	-4.0	0.0	9.2	-7.6
		10	27.9	4.6	-2.8	0.0	-1.0	3.5	27.9	4.6	-2.8	0.0	7.2	-10.0
		11	22.3	4.0	-6.4	0.0	-6.0	3.0	22.3	4.0	-6.4	0.0	12.9	-8.8
		12	28.6	3.9	-2.7	0.0	-0.9	2.9	28.6	3.9	-2.7	0.0	7.1	-8.6
		13	21.6	4.7	-6.5	0.0	-6.2	3.6	21.6	4.7	-6.5	0.0	13.0	-10.2
		14	27.9	4.7	-2.8	0.0	-1.0	3.6	27.9	4.7	-2.8	0.0	7.2	-10.1
		15	22.3	3.9	-6.4	0.0	-6.0	2.9	22.3	3.9	-6.4	0.0	13.0	-8.6
		16	28.5	4.1	-2.7	0.0	-0.9	3.1	28.5	4.1	-2.7	0.0	7.2	-9.0
		17	21.8	4.5	-6.5	0.0	-6.1	3.4	21.8	4.5	-6.5	0.0	13.0	-9.7
		18	13.2	3.6	-2.7	0.0	-2.2	3.1	13.2	3.6	-2.7	0.0	5.8	-7.6
		19	15.6	1.3	-2.5	0.0	-1.7	0.9	15.6	1.3	-2.5	0.0	5.5	-3.0
		20	13.5	3.4	-2.7	0.0	-2.1	2.9	13.5	3.4	-2.7	0.0	5.7	-7.1
		21	15.3	1.6	-2.5	0.0	-1.8	1.1	15.3	1.6	-2.5	0.0	5.6	-3.5
		22	17.6	2.4	-0.7	0.0	0.6	1.9	17.6	2.4	-0.7	0.0	2.8	-5.2
		23	11.2	2.5	-4.4	0.0	-4.5	2.1	11.2	2.5	-4.4	0.0	8.6	-5.4
		24	17.5	2.6	-0.7	0.0	0.6	2.1	17.5	2.6	-0.7	0.0	2.8	-5.5
		25	11.4	2.4	-4.4	0.0	-4.5	1.9	11.4	2.4	-4.4	0.0	8.6	-5.1
F-13	1	1	29.6	-0.4	0.6	0.0	0.3	0.1	29.6	-0.4	0.6	0.0	-1.3	1.1
		2	27.9	0.7	1.1	0.0	1.4	3.2	27.9	0.7	1.1	0.0	-1.8	1.1
		3	24.6	-1.3	-0.1	0.0	-0.9	-3.0	24.6	-1.3	-0.1	0.0	-0.5	0.7
		4	21.8	0.8	-0.2	0.0	-0.9	3.3	21.8	0.8	-0.2	0.0	-0.4	1.1
		5	30.8	-1.3	1.1	0.0	1.4	-3.1	30.8	-1.3	1.1	0.0	-1.9	0.7
		6	28.2	0.5	1.1	0.0	1.4	2.5	28.2	0.5	1.1	0.0	-1.8	1.1
		7	24.3	-1.0	-0.1	0.0	-0.9	-2.3	24.3	-1.0	-0.1	0.0	-0.5	0.6
		8	22.2	0.5	-0.2	0.0	-0.8	2.5	22.2	0.5	-0.2	0.0	-0.4	1.1
		9	30.4	-1.0	1.1	0.0	1.4	-2.2	30.4	-1.0	1.1	0.0	-1.9	0.7
		10	36.1	0.0	2.5	0.0	4.0	0.9	36.1	0.0	2.5	0.0	-3.4	0.9
		11	16.5	-0.5	-1.6	0.0	-3.5	-0.7	16.5	-0.5	-1.6	0.0	1.2	0.8
		12	37.0	-0.6	2.6	0.0	4.0	-1.0	37.0	-0.6	2.6	0.0	-3.5	0.8
		13	15.6	0.1	-1.6	0.0	-3.5	1.2	15.6	0.1	-1.6	0.0	1.2	0.9
		14	36.0	0.0	2.5	0.0	3.9	1.0	36.0	0.0	2.5	0.0	-3.4	1.0
		15	16.5	-0.5	-1.6	0.0	-3.4	-0.7	16.5	-0.5	-1.6	0.0	1.1	0.7
		16	36.7	-0.4	2.5	0.0	3.9	-0.4	36.7	-0.4	2.5	0.0	-3.5	0.9

		17	15.9	-0.1	-1.6	0.0	-3.4	0.7	15.9	-0.1	-1.6	0.0	1.2	0.9
		18	14.2	1.0	0.2	0.0	0.1	3.3	14.2	1.0	0.2	0.0	-0.6	0.5
		19	17.1	-1.1	0.3	0.0	0.2	-3.0	17.1	-1.1	0.3	0.0	-0.7	0.1
		20	14.5	0.7	0.2	0.0	0.1	2.5	14.5	0.7	0.2	0.0	-0.6	0.5
		21	16.7	-0.8	0.3	0.0	0.1	-2.2	16.7	-0.8	0.3	0.0	-0.7	0.1
		22	25.9	-0.1	2.3	0.0	3.9	0.0	25.9	-0.1	2.3	0.0	-3.0	0.3
		23	5.4	0.0	-1.8	0.0	-3.6	0.3	5.4	0.0	-1.8	0.0	1.7	0.3
		24	25.7	0.0	2.3	0.0	3.8	0.3	25.7	0.0	2.3	0.0	-2.9	0.4
		25	5.5	-0.1	-1.8	0.0	-3.5	0.0	5.5	-0.1	-1.8	0.0	1.6	0.2
H-12	2	1	7.8	1.3	-0.1	0.0	-0.3	1.0	7.8	1.3	-0.1	0.0	0.1	-2.7
		2	8.1	2.3	0.5	0.0	0.6	2.4	8.1	2.3	0.5	0.0	-0.9	-4.1
		3	6.0	-0.1	-0.8	0.0	-1.2	-0.8	6.0	-0.1	-0.8	0.0	1.1	-0.5
		4	8.1	2.3	-0.3	0.0	-0.6	2.5	8.1	2.3	-0.3	0.0	0.4	-4.2
		5	5.9	-0.1	0.1	0.0	0.0	-0.8	5.9	-0.1	0.1	0.0	-0.3	-0.4
		6	7.9	2.1	0.3	0.0	0.3	2.2	7.9	2.1	0.3	0.0	-0.6	-3.8
		7	6.1	0.1	-0.6	0.0	-0.9	-0.6	6.1	0.1	-0.6	0.0	0.8	-0.8
		8	7.9	2.1	-0.6	0.0	-0.9	2.2	7.9	2.1	-0.6	0.0	0.8	-3.8
		9	6.2	0.1	0.3	0.0	0.3	-0.6	6.2	0.1	0.3	0.0	-0.7	-0.8
		10	7.3	1.4	1.4	0.0	1.8	1.2	7.3	1.4	1.4	0.0	-2.3	-2.7
		11	6.7	0.8	-1.6	0.0	-2.4	0.4	6.7	0.8	-1.6	0.0	2.4	-1.9
		12	6.7	0.6	1.2	0.0	1.6	0.2	6.7	0.6	1.2	0.0	-2.1	-1.6
		13	7.4	1.5	-1.5	0.0	-2.2	1.4	7.4	1.5	-1.5	0.0	2.2	-3.0
		14	7.4	1.4	1.4	0.0	1.8	1.2	7.4	1.4	1.4	0.0	-2.3	-2.8
		15	6.7	0.8	-1.7	0.0	-2.4	0.4	6.7	0.8	-1.7	0.0	2.5	-1.8
		16	6.8	0.8	1.4	0.0	1.8	0.4	6.8	0.8	1.4	0.0	-2.3	-1.9
		17	7.2	1.4	-1.7	0.0	-2.4	1.3	7.2	1.4	-1.7	0.0	2.5	-2.7
		18	5.4	1.8	0.1	0.0	0.2	2.1	5.4	1.8	0.1	0.0	-0.3	-3.1
		19	3.3	-0.6	-0.3	0.0	-0.5	-1.2	3.3	-0.6	-0.3	0.0	0.4	0.6
		20	5.2	1.6	-0.1	0.0	-0.2	1.8	5.2	1.6	-0.1	0.0	0.1	-2.8
		21	3.5	-0.4	-0.1	0.0	-0.2	-1.0	3.5	-0.4	-0.1	0.0	0.0	0.2
		22	4.3	0.5	1.4	0.0	1.8	0.3	4.3	0.5	1.4	0.0	-2.2	-1.2
		23	4.4	0.7	-1.5	0.0	-2.1	0.5	4.4	0.7	-1.5	0.0	2.3	-1.4
		24	4.4	0.6	1.5	0.0	1.9	0.4	4.4	0.6	1.5	0.0	-2.3	-1.3
		25	4.3	0.6	-1.6	0.0	-2.3	0.5	4.3	0.6	-1.6	0.0	2.4	-1.2
H-12	1	1	17.6	0.2	-0.1	0.0	-0.1	0.4	17.6	0.2	-0.1	0.0	0.3	-0.1
		2	19.4	2.2	0.7	0.0	1.4	4.7	19.4	2.2	0.7	0.0	-0.6	-1.8
		3	12.9	-1.9	-0.9	0.0	-1.5	-4.0	12.9	-1.9	-0.9	0.0	1.1	1.7
		4	19.3	2.2	-0.6	0.0	-1.0	4.8	19.3	2.2	-0.6	0.0	0.9	-1.8
		5	12.9	-2.0	0.4	0.0	0.9	-4.0	12.9	-2.0	0.4	0.0	-0.4	1.7
		6	18.8	1.8	0.4	0.0	0.9	3.9	18.8	1.8	0.4	0.0	-0.3	-1.4
		7	13.4	-1.5	-0.6	0.0	-1.0	-3.2	13.4	-1.5	-0.6	0.0	0.9	1.3
		8	18.6	1.7	-1.0	0.0	-1.6	3.6	18.6	1.7	-1.0	0.0	1.3	-1.3
		9	13.7	-1.4	0.8	0.0	1.5	-2.9	13.7	-1.4	0.8	0.0	-0.8	1.2
		10	17.1	0.7	2.1	0.0	3.9	1.5	17.1	0.7	2.1	0.0	-2.3	-0.6

11	15.1	-0.4	-2.3	0.0	-4.1	-0.8	15.1	-0.4	-2.3	0.0	2.8	0.5
12	15.2	-0.5	2.0	0.0	3.8	-1.1	15.2	-0.5	2.0	0.0	-2.2	0.5
13	17.1	0.8	-2.3	0.0	-3.9	1.8	17.1	0.8	-2.3	0.0	2.7	-0.6
14	17.2	0.8	2.2	0.0	4.0	1.7	17.2	0.8	2.2	0.0	-2.3	-0.7
15	15.0	-0.5	-2.4	0.0	-4.2	-1.0	15.0	-0.5	-2.4	0.0	2.9	0.6
16	15.7	-0.1	2.3	0.0	4.2	-0.3	15.7	-0.1	2.3	0.0	-2.5	0.1
17	16.5	0.4	-2.5	0.0	-4.4	1.0	16.5	0.4	-2.5	0.0	3.0	-0.2
18	13.5	2.2	0.1	0.0	0.2	4.6	13.5	2.2	0.1	0.0	0.0	-1.8
19	7.0	-2.0	-0.2	0.0	-0.3	-4.2	7.0	-2.0	-0.2	0.0	0.3	1.7
20	12.8	1.7	-0.2	0.0	-0.3	3.6	12.8	1.7	-0.2	0.0	0.4	-1.3
21	7.7	-1.5	0.1	0.0	0.3	-3.2	7.7	-1.5	0.1	0.0	-0.1	1.3
22	10.3	0.0	2.1	0.0	3.9	0.1	10.3	0.0	2.1	0.0	-2.3	0.0
23	10.2	0.1	-2.3	0.0	-3.9	0.3	10.2	0.1	-2.3	0.0	2.6	0.0
24	10.6	0.3	2.3	0.0	4.2	0.6	10.6	0.3	2.3	0.0	-2.5	-0.2
25	9.9	-0.1	-2.4	0.0	-4.2	-0.2	9.9	-0.1	-2.4	0.0	2.8	0.2

G-12	2	1	16.3	2.0	-0.3	0.0	-0.4	1.4	16.3	2.0	-0.3	0.0	0.5	-4.5
		2	14.2	3.5	0.5	0.0	0.7	3.3	14.2	3.5	0.5	0.0	-0.7	-6.9
		3	14.6	0.0	-1.0	0.0	-1.3	-0.8	14.6	0.0	-1.0	0.0	1.6	-0.9
		4	14.0	3.4	-0.4	0.0	-0.6	3.2	14.0	3.4	-0.4	0.0	0.7	-6.8
		5	14.8	0.1	-0.1	0.0	-0.1	-0.8	14.8	0.1	-0.1	0.0	0.2	-1.1
		6	14.2	3.3	0.3	0.0	0.5	3.0	14.2	3.3	0.3	0.0	-0.5	-6.4
		7	14.6	0.3	-0.9	0.0	-1.1	-0.6	14.6	0.3	-0.9	0.0	1.4	-1.4
		8	14.0	3.1	-0.6	0.0	-0.8	2.9	14.0	3.1	-0.6	0.0	0.9	-6.2
		9	14.8	0.4	0.1	0.0	0.1	-0.4	14.8	0.4	0.1	0.0	0.0	-1.6
		10	14.7	2.4	1.3	0.0	1.8	2.0	14.7	2.4	1.3	0.0	-2.0	-5.0
		11	14.1	1.1	-1.9	0.0	-2.5	0.5	14.1	1.1	-1.9	0.0	2.9	-2.8
		12	14.9	1.4	1.1	0.0	1.6	0.7	14.9	1.4	1.1	0.0	-1.7	-3.2
		13	13.9	2.2	-1.7	0.0	-2.3	1.7	13.9	2.2	-1.7	0.0	2.6	-4.6
		14	14.7	2.4	1.3	0.0	1.9	2.0	14.7	2.4	1.3	0.0	-2.0	-5.1
		15	14.1	1.1	-1.9	0.0	-2.5	0.5	14.1	1.1	-1.9	0.0	2.9	-2.7
		16	14.8	1.6	1.2	0.0	1.8	0.9	14.8	1.6	1.2	0.0	-1.9	-3.6
		17	14.0	2.0	-1.8	0.0	-2.4	1.5	14.0	2.0	-1.8	0.0	2.8	-4.2
		18	8.1	2.7	0.1	0.0	0.2	2.7	8.1	2.7	0.1	0.0	-0.2	-5.1
		19	8.7	-0.7	-0.4	0.0	-0.6	-1.3	8.7	-0.7	-0.4	0.0	0.7	0.7
		20	8.2	2.4	0.0	0.0	0.0	2.4	8.2	2.4	0.0	0.0	0.0	-4.6
		21	8.7	-0.4	-0.3	0.0	-0.4	-1.0	8.7	-0.4	-0.3	0.0	0.5	0.2
		22	8.8	1.1	1.3	0.0	1.9	0.8	8.8	1.1	1.3	0.0	-2.0	-2.4
		23	8.0	0.9	-1.7	0.0	-2.3	0.6	8.0	0.9	-1.7	0.0	2.6	-2.0
		24	8.8	1.2	1.4	0.0	2.0	0.9	8.8	1.2	1.4	0.0	-2.1	-2.7
		25	8.1	0.8	-1.7	0.0	-2.3	0.5	8.1	0.8	-1.7	0.0	2.7	-1.7

G-12	1	1	26.0	-0.3	-0.1	0.0	0.0	0.0	26.0	-0.3	-0.1	0.0	0.1	0.7
		2	21.6	1.7	0.7	0.0	1.3	4.2	21.6	1.7	0.7	0.0	-0.8	-0.9
		3	25.2	-2.2	-0.8	0.0	-1.4	-4.2	25.2	-2.2	-0.8	0.0	1.0	2.1
		4	20.9	1.7	-0.6	0.0	-1.1	4.2	20.9	1.7	-0.6	0.0	0.8	-0.8

5	25.9	-2.2	0.5	0.0	1.0	-4.3	25.9	-2.2	0.5	0.0	-0.5	2.1		
6	21.9	1.3	0.6	0.0	1.1	3.4	21.9	1.3	0.6	0.0	-0.7	-0.5		
7	24.9	-1.8	-0.7	0.0	-1.2	-3.4	24.9	-1.8	-0.7	0.0	0.9	1.8		
8	21.3	1.2	-0.8	0.0	-1.3	3.1	21.3	1.2	-0.8	0.0	1.0	-0.4		
9	25.5	-1.6	0.7	0.0	1.3	-3.2	25.5	-1.6	0.7	0.0	-0.7	1.6		
10	24.0	0.4	2.2	0.0	4.0	1.2	24.0	0.4	2.2	0.0	-2.5	0.1		
11	22.9	-0.8	-2.3	0.0	-4.1	-1.2	22.9	-0.8	-2.3	0.0	2.8	1.1		
12	25.3	-0.8	2.2	0.0	3.9	-1.4	25.3	-0.8	2.2	0.0	-2.5	1.0		
13	21.6	0.4	-2.3	0.0	-4.0	1.3	21.6	0.4	-2.3	0.0	2.7	0.2		
14	23.9	0.5	2.3	0.0	4.1	1.4	23.9	0.5	2.3	0.0	-2.6	0.0		
15	22.9	-0.9	-2.4	0.0	-4.1	-1.4	22.9	-0.9	-2.4	0.0	2.8	1.2		
16	25.0	-0.4	2.3	0.0	4.2	-0.6	25.0	-0.4	2.3	0.0	-2.6	0.7		
17	21.9	0.0	-2.4	0.0	-4.2	0.6	21.9	0.0	-2.4	0.0	2.8	0.6		
18	12.2	1.8	0.1	0.0	0.1	4.2	12.2	1.8	0.1	0.0	-0.1	-1.1		
19	16.5	-2.1	-0.1	0.0	-0.2	-4.2	16.5	-2.1	-0.1	0.0	0.2	1.8		
20	12.5	1.4	-0.1	0.0	-0.1	3.3	12.5	1.4	-0.1	0.0	0.1	-0.7		
21	16.1	-1.6	0.0	0.0	0.1	-3.3	16.1	-1.6	0.0	0.0	0.0	1.4		
22	15.5	-0.1	2.2	0.0	4.0	-0.1	15.5	-0.1	2.2	0.0	-2.5	0.3		
23	13.1	-0.1	-2.3	0.0	-4.0	0.1	13.1	-0.1	-2.3	0.0	2.7	0.4		
24	15.3	0.1	2.3	0.0	4.1	0.4	15.3	0.1	2.3	0.0	-2.6	0.1		
25	13.3	-0.3	-2.4	0.0	-4.2	-0.4	13.3	-0.3	-2.4	0.0	2.8	0.6		
B-12	2	1	16.3	-5.0	0.8	0.1	0.7	0.5	16.3	-5.0	0.8	0.1	-1.6	15.1
		2	14.2	-3.9	0.9	0.1	0.9	0.8	14.2	-3.9	0.9	0.1	-1.8	12.1
		3	14.7	-4.9	0.4	0.1	0.3	0.0	14.7	-4.9	0.4	0.1	-1.0	14.2
		4	14.1	-3.8	-0.1	0.1	-0.5	0.8	14.1	-3.8	-0.1	0.1	-0.2	12.0
		5	14.8	-4.9	1.4	0.1	1.7	0.0	14.8	-4.9	1.4	0.1	-2.5	14.3
		6	14.3	-3.9	1.2	0.1	1.3	0.8	14.3	-3.9	1.2	0.1	-2.1	12.3
		7	14.7	-4.8	0.2	0.1	-0.1	0.0	14.7	-4.8	0.2	0.1	-0.6	14.0
		8	14.2	-3.9	0.2	0.1	0.0	0.8	14.2	-3.9	0.2	0.1	-0.7	12.2
		9	14.7	-4.8	1.1	0.1	1.2	0.0	14.7	-4.8	1.1	0.1	-2.0	14.0
		10	14.5	-4.3	2.3	0.1	2.8	0.5	14.5	-4.3	2.3	0.1	-3.8	13.0
		11	14.4	-4.5	-0.9	0.1	-1.6	0.3	14.4	-4.5	-0.9	0.1	1.1	13.3
		12	14.7	-4.6	2.4	0.1	3.1	0.3	14.7	-4.6	2.4	0.1	-4.0	13.6
		13	14.2	-4.2	-1.1	0.1	-1.8	0.5	14.2	-4.2	-1.1	0.1	1.3	12.6
		14	14.5	-4.2	2.3	0.1	2.8	0.6	14.5	-4.2	2.3	0.1	-3.8	12.9
		15	14.4	-4.5	-0.9	0.1	-1.6	0.2	14.4	-4.5	-0.9	0.1	1.1	13.3
		16	14.7	-4.5	2.3	0.1	2.8	0.4	14.7	-4.5	2.3	0.1	-3.7	13.5
		17	14.3	-4.3	-0.9	0.1	-1.6	0.4	14.3	-4.3	-0.9	0.1	1.0	12.8
		18	8.3	-2.0	0.1	0.1	0.0	0.6	8.3	-2.0	0.1	0.1	-0.4	6.3
		19	8.9	-3.0	0.6	0.0	0.7	-0.2	8.9	-3.0	0.6	0.0	-1.1	8.5
		20	8.4	-2.0	0.4	0.1	0.4	0.6	8.4	-2.0	0.4	0.1	-0.8	6.5
		21	8.8	-2.9	0.4	0.0	0.3	-0.2	8.8	-2.9	0.4	0.0	-0.7	8.3
		22	8.8	-2.5	2.1	0.1	2.7	0.3	8.8	-2.5	2.1	0.1	-3.3	7.6
		23	8.5	-2.4	-1.3	0.0	-2.0	0.2	8.5	-2.4	-1.3	0.0	1.8	7.2
		24	8.7	-2.5	2.0	0.0	2.6	0.3	8.7	-2.5	2.0	0.0	-3.2	7.5

		25	8.5	-2.5	-1.2	0.1	-1.9	0.2	8.5	-2.5	-1.2	0.1	1.6	7.3
B-12	1	1	19.1	-1.1	0.0	-0.1	0.0	-3.2	19.1	-1.1	0.0	-0.1	0.1	0.0
		2	17.0	-0.2	0.4	-0.1	0.8	0.0	17.0	-0.2	0.4	-0.1	-0.4	0.5
		3	17.6	-1.7	-0.5	-0.1	-0.8	-5.5	17.6	-1.7	-0.5	-0.1	0.6	-0.6
		4	16.8	-0.1	-0.9	-0.1	-1.5	0.1	16.8	-0.1	-0.9	-0.1	1.0	0.5
		5	17.8	-1.7	0.8	-0.1	1.5	-5.7	17.8	-1.7	0.8	-0.1	-0.8	-0.6
		6	17.1	-0.4	0.7	-0.1	1.3	-0.5	17.1	-0.4	0.7	-0.1	-0.7	0.5
		7	17.5	-1.5	-0.7	-0.1	-1.3	-5.0	17.5	-1.5	-0.7	-0.1	0.8	-0.5
		8	16.9	-0.4	-0.5	-0.1	-0.8	-0.6	16.9	-0.4	-0.5	-0.1	0.5	0.4
		9	17.6	-1.5	0.4	-0.1	0.8	-4.9	17.6	-1.5	0.4	-0.1	-0.4	-0.5
		10	17.5	-0.8	2.0	-0.1	3.7	-2.1	17.5	-0.8	2.0	-0.1	-2.2	0.1
		11	17.1	-1.1	-2.1	-0.1	-3.7	-3.4	17.1	-1.1	-2.1	-0.1	2.3	-0.2
		12	17.7	-1.2	2.1	-0.1	4.0	-3.8	17.7	-1.2	2.1	-0.1	-2.3	-0.2
		13	16.8	-0.6	-2.2	-0.1	-4.0	-1.7	16.8	-0.6	-2.2	-0.1	2.5	0.1
		14	17.5	-0.8	1.9	-0.1	3.5	-2.0	17.5	-0.8	1.9	-0.1	-2.0	0.2
		15	17.1	-1.1	-2.0	-0.1	-3.5	-3.5	17.1	-1.1	-2.0	-0.1	2.2	-0.2
		16	17.6	-1.1	1.8	-0.1	3.4	-3.4	17.6	-1.1	1.8	-0.1	-2.0	-0.1
		17	16.9	-0.8	-1.9	-0.1	-3.4	-2.2	16.9	-0.8	-1.9	-0.1	2.1	0.0
		18	10.3	0.2	-0.2	-0.1	-0.4	1.3	10.3	0.2	-0.2	-0.1	0.2	0.5
		19	11.1	-1.3	0.2	0.0	0.4	-4.4	11.1	-1.3	0.2	0.0	-0.2	-0.5
		20	10.5	0.0	0.1	-0.1	0.2	0.6	10.5	0.0	0.1	-0.1	-0.1	0.5
		21	11.0	-1.1	-0.1	0.0	-0.2	-3.8	11.0	-1.1	-0.1	0.0	0.2	-0.5
		22	11.1	-0.6	2.1	0.0	3.9	-1.8	11.1	-0.6	2.1	0.0	-2.3	0.0
		23	10.4	-0.5	-2.1	-0.1	-3.8	-1.4	10.4	-0.5	-2.1	-0.1	2.4	0.0
		24	11.0	-0.5	1.9	-0.1	3.5	-1.5	11.0	-0.5	1.9	-0.1	-2.1	0.1
		25	10.5	-0.5	-1.9	0.0	-3.5	-1.6	10.5	-0.5	-1.9	0.0	2.1	-0.1
H-11	2	1	8.3	1.5	0.0	0.0	0.0	1.1	8.3	1.5	0.0	0.0	0.0	-3.4
		2	8.5	2.5	0.6	0.0	0.9	2.4	8.5	2.5	0.6	0.0	-0.9	-4.8
		3	6.4	0.1	-0.6	0.0	-0.9	-0.7	6.4	0.1	-0.6	0.0	1.0	-1.1
		4	8.6	2.5	-0.2	0.0	-0.2	2.5	8.6	2.5	-0.2	0.0	0.4	-4.8
		5	6.3	0.1	0.2	0.0	0.2	-0.7	6.3	0.1	0.2	0.0	-0.3	-1.0
		6	8.4	2.3	0.4	0.0	0.6	2.3	8.4	2.3	0.4	0.0	-0.6	-4.6
		7	6.5	0.3	-0.4	0.0	-0.6	-0.5	6.5	0.3	-0.4	0.0	0.7	-1.3
		8	8.4	2.3	-0.5	0.0	-0.6	2.3	8.4	2.3	-0.5	0.0	0.8	-4.5
		9	6.5	0.3	0.5	0.0	0.6	-0.5	6.5	0.3	0.5	0.0	-0.7	-1.3
		10	7.7	1.6	1.5	0.0	2.0	1.3	7.7	1.6	1.5	0.0	-2.3	-3.4
		11	7.2	1.0	-1.5	0.0	-2.0	0.5	7.2	1.0	-1.5	0.0	2.3	-2.4
		12	7.1	0.9	1.3	0.0	1.8	0.3	7.1	0.9	1.3	0.0	-2.1	-2.3
		13	7.8	1.7	-1.3	0.0	-1.8	1.4	7.8	1.7	-1.3	0.0	2.1	-3.6
		14	7.7	1.6	1.5	0.0	2.0	1.3	7.7	1.6	1.5	0.0	-2.3	-3.5
		15	7.1	1.0	-1.5	0.0	-2.0	0.5	7.1	1.0	-1.5	0.0	2.3	-2.4
		16	7.2	1.0	1.5	0.0	2.0	0.4	7.2	1.0	1.5	0.0	-2.3	-2.5
		17	7.7	1.6	-1.5	0.0	-2.0	1.3	7.7	1.6	-1.5	0.0	2.4	-3.4
		18	5.7	1.9	0.2	0.0	0.3	2.0	5.7	1.9	0.2	0.0	-0.3	-3.5



		19	3.5	-0.5	-0.2	0.0	-0.3	-1.1	3.5	-0.5	-0.2	0.0	0.3	0.2
		20	5.5	1.7	0.0	0.0	0.0	1.8	5.5	1.7	0.0	0.0	0.1	-3.2
		21	3.6	-0.3	0.0	0.0	0.0	-1.0	3.6	-0.3	0.0	0.0	0.0	0.0
		22	4.5	0.7	1.4	0.0	1.9	0.3	4.5	0.7	1.4	0.0	-2.2	-1.6
		23	4.6	0.8	-1.4	0.0	-1.9	0.5	4.6	0.8	-1.4	0.0	2.2	-1.7
		24	4.6	0.7	1.5	0.0	2.0	0.4	4.6	0.7	1.5	0.0	-2.3	-1.7
		25	4.6	0.7	-1.5	0.0	-2.0	0.4	4.6	0.7	-1.5	0.0	2.3	-1.6
H-11	1	1	24.2	-0.1	0.1	0.0	0.2	0.1	24.2	-0.1	0.1	0.0	-0.2	0.5
		2	25.1	1.9	0.9	0.0	1.6	4.2	25.1	1.9	0.9	0.0	-1.0	-1.2
		3	18.9	-2.2	-0.7	0.0	-1.3	-4.2	18.9	-2.2	-0.7	0.0	0.7	2.1
		4	25.2	1.9	-0.4	0.0	-0.8	4.3	25.2	1.9	-0.4	0.0	0.5	-1.2
		5	18.8	-2.2	0.6	0.0	1.1	-4.2	18.8	-2.2	0.6	0.0	-0.8	2.2
		6	24.7	1.6	0.6	0.0	1.1	3.6	24.7	1.6	0.6	0.0	-0.7	-0.9
		7	19.3	-1.9	-0.4	0.0	-0.8	-3.6	19.3	-1.9	-0.4	0.0	0.4	1.9
		8	24.7	1.5	-0.8	0.0	-1.4	3.5	24.7	1.5	-0.8	0.0	0.9	-0.8
		9	19.4	-1.8	1.0	0.0	1.7	-3.4	19.4	-1.8	1.0	0.0	-1.1	1.8
		10	22.8	0.4	2.3	0.0	4.1	1.2	22.8	0.4	2.3	0.0	-2.6	0.0
		11	21.2	-0.7	-2.1	0.0	-3.8	-1.1	21.2	-0.7	-2.1	0.0	2.3	1.0
		12	20.9	-0.8	2.2	0.0	4.0	-1.3	20.9	-0.8	2.2	0.0	-2.5	1.0
		13	23.1	0.5	-2.0	0.0	-3.6	1.4	23.1	0.5	-2.0	0.0	2.3	-0.1
		14	22.9	0.5	2.4	0.0	4.2	1.4	22.9	0.5	2.4	0.0	-2.7	-0.1
		15	21.1	-0.8	-2.2	0.0	-3.9	-1.3	21.1	-0.8	-2.2	0.0	2.4	1.0
		16	21.3	-0.5	2.5	0.0	4.4	-0.8	21.3	-0.5	2.5	0.0	-2.8	0.7
		17	22.7	0.2	-2.3	0.0	-4.1	0.8	22.7	0.2	-2.3	0.0	2.5	0.2
		18	16.9	1.9	0.2	0.0	0.3	4.2	16.9	1.9	0.2	0.0	-0.2	-1.3
		19	10.7	-2.1	-0.1	0.0	-0.2	-4.2	10.7	-2.1	-0.1	0.0	0.0	2.0
		20	16.5	1.5	-0.1	0.0	-0.2	3.5	16.5	1.5	-0.1	0.0	0.1	-1.0
		21	11.1	-1.8	0.2	0.0	0.4	-3.5	11.1	-1.8	0.2	0.0	-0.3	1.7
		22	13.6	-0.2	2.2	0.0	4.0	-0.1	13.6	-0.2	2.2	0.0	-2.5	0.4
		23	13.9	-0.1	-2.1	0.0	-3.8	0.1	13.9	-0.1	-2.1	0.0	2.4	0.3
		24	13.8	0.0	2.4	0.0	4.3	0.3	13.8	0.0	2.4	0.0	-2.7	0.2
		25	13.7	-0.3	-2.3	0.0	-4.1	-0.3	13.7	-0.3	-2.3	0.0	2.5	0.5
G-11	2	1	8.6	-1.9	0.1	0.0	0.1	-2.0	8.6	-1.9	0.1	0.0	-0.1	3.5
		2	6.6	-0.5	0.6	0.0	0.8	-0.2	6.6	-0.5	0.6	0.0	-0.9	1.1
		3	8.9	-2.8	-0.4	0.0	-0.6	-3.3	8.9	-2.8	-0.4	0.0	0.6	4.8
		4	6.6	-0.4	-0.3	0.0	-0.4	-0.2	6.6	-0.4	-0.3	0.0	0.4	1.1
		5	8.9	-2.8	0.4	0.0	0.6	-3.3	8.9	-2.8	0.4	0.0	-0.7	4.9
		6	6.8	-0.6	0.5	0.0	0.7	-0.4	6.8	-0.6	0.5	0.0	-0.8	1.4
		7	8.8	-2.7	-0.3	0.0	-0.5	-3.1	8.8	-2.7	-0.3	0.0	0.5	4.6
		8	6.8	-0.6	-0.4	0.0	-0.5	-0.3	6.8	-0.6	-0.4	0.0	0.6	1.4
		9	8.7	-2.7	0.5	0.0	0.7	-3.1	8.7	-2.7	0.5	0.0	-0.9	4.6
		10	7.5	-1.3	1.5	0.0	2.1	-1.4	7.5	-1.3	1.5	0.0	-2.4	2.5
		11	8.1	-1.9	-1.4	0.0	-1.9	-2.1	8.1	-1.9	-1.4	0.0	2.1	3.5
		12	8.1	-2.0	1.5	0.0	2.0	-2.3	8.1	-2.0	1.5	0.0	-2.3	3.6

		13	7.4	-1.2	-1.3	0.0	-1.8	-1.2	7.4	-1.2	-1.3	0.0	2.1	2.4
		14	7.4	-1.3	1.6	0.0	2.1	-1.4	7.4	-1.3	1.6	0.0	-2.4	2.5
		15	8.1	-1.9	-1.4	0.0	-1.9	-2.1	8.1	-1.9	-1.4	0.0	2.2	3.5
		16	8.0	-1.9	1.6	0.0	2.1	-2.2	8.0	-1.9	1.6	0.0	-2.4	3.4
		17	7.5	-1.3	-1.4	0.0	-1.9	-1.3	7.5	-1.3	-1.4	0.0	2.2	2.5
		18	3.6	0.3	0.1	0.0	0.2	0.6	3.6	0.3	0.1	0.0	-0.2	-0.2
		19	5.9	-2.1	0.0	0.0	-0.1	-2.5	5.9	-2.1	0.0	0.0	0.0	3.5
		20	3.8	0.1	0.0	0.0	0.1	0.4	3.8	0.1	0.0	0.0	0.0	0.0
		21	5.7	-1.9	0.1	0.0	0.1	-2.3	5.7	-1.9	0.1	0.0	-0.1	3.3
		22	4.8	-1.0	1.5	0.0	2.0	-1.1	4.8	-1.0	1.5	0.0	-2.3	1.7
		23	4.7	-0.8	-1.4	0.0	-1.9	-0.9	4.7	-0.8	-1.4	0.0	2.2	1.6
		24	4.7	-0.9	1.5	0.0	2.0	-1.0	4.7	-0.9	1.5	0.0	-2.4	1.6
		25	4.8	-0.9	-1.4	0.0	-1.9	-0.9	4.8	-0.9	-1.4	0.0	2.2	1.7
G-11	1	1	22.1	0.3	0.1	0.0	0.1	0.5	22.1	0.3	0.1	0.0	-0.1	-0.4
		2	16.8	2.3	0.8	0.0	1.4	4.7	16.8	2.3	0.8	0.0	-0.9	-2.0
		3	23.3	-1.7	-0.7	0.0	-1.2	-3.7	23.3	-1.7	-0.7	0.0	0.7	1.3
		4	16.9	2.3	-0.5	0.0	-1.0	4.7	16.9	2.3	-0.5	0.0	0.6	-2.0
		5	23.2	-1.8	0.7	0.0	1.2	-3.8	23.2	-1.8	0.7	0.0	-0.8	1.3
		6	17.2	2.0	0.7	0.0	1.2	4.1	17.2	2.0	0.7	0.0	-0.8	-1.7
		7	22.9	-1.4	-0.6	0.0	-1.0	-3.1	22.9	-1.4	-0.6	0.0	0.6	1.1
		8	17.4	1.9	-0.7	0.0	-1.3	3.9	17.4	1.9	-0.7	0.0	0.8	-1.7
		9	22.7	-1.4	0.8	0.0	1.4	-3.0	22.7	-1.4	0.8	0.0	-0.9	1.0
		10	19.0	0.8	2.2	0.0	4.0	1.6	19.0	0.8	2.2	0.0	-2.5	-0.8
		11	21.1	-0.3	-2.1	0.0	-3.9	-0.7	21.1	-0.3	-2.1	0.0	2.4	0.1
		12	20.9	-0.4	2.2	0.0	4.0	-0.9	20.9	-0.4	2.2	0.0	-2.5	0.2
		13	19.2	0.9	-2.1	0.0	-3.8	1.9	19.2	0.9	-2.1	0.0	2.4	-0.9
		14	18.9	0.9	2.3	0.0	4.1	1.8	18.9	0.9	2.3	0.0	-2.6	-0.9
		15	21.2	-0.3	-2.2	0.0	-3.9	-0.8	21.2	-0.3	-2.2	0.0	2.4	0.2
		16	20.6	-0.1	2.3	0.0	4.2	-0.3	20.6	-0.1	2.3	0.0	-2.6	0.0
		17	19.5	0.7	-2.2	0.0	-4.0	1.3	19.5	0.7	-2.2	0.0	2.5	-0.6
		18	9.3	2.2	0.1	0.0	0.2	4.5	9.3	2.2	0.1	0.0	-0.1	-1.9
		19	15.7	-1.9	0.0	0.0	-0.1	-3.9	15.7	-1.9	0.0	0.0	0.0	1.5
		20	9.8	1.8	0.0	0.0	-0.1	3.8	9.8	1.8	0.0	0.0	0.0	-1.5
		21	15.2	-1.5	0.1	0.0	0.2	-3.2	15.2	-1.5	0.1	0.0	-0.1	1.2
		22	12.4	0.1	2.2	0.0	4.0	0.2	12.4	0.1	2.2	0.0	-2.5	-0.1
		23	12.6	0.2	-2.2	0.0	-3.9	0.4	12.6	0.2	-2.2	0.0	2.4	-0.3
		24	12.2	0.3	2.3	0.0	4.1	0.5	12.2	0.3	2.3	0.0	-2.6	-0.3
		25	12.8	0.0	-2.2	0.0	-4.0	0.0	12.8	0.0	-2.2	0.0	2.5	-0.1
B-11	2	1	7.6	-0.7	0.0	-0.1	0.0	2.6	7.6	-0.7	0.0	-0.1	0.0	4.7
		2	6.9	-0.5	0.2	0.0	0.3	2.8	6.9	-0.5	0.2	0.0	-0.4	4.2
		3	6.9	-0.8	-0.3	0.0	-0.3	1.7	6.9	-0.8	-0.3	0.0	0.4	4.0
		4	7.0	-0.5	-0.7	0.0	-1.0	2.8	7.0	-0.5	-0.7	0.0	1.1	4.1
		5	6.9	-0.8	0.7	0.0	1.0	1.7	6.9	-0.8	0.7	0.0	-1.0	4.1
		6	6.9	-0.5	0.5	0.0	0.7	2.8	6.9	-0.5	0.5	0.0	-0.7	4.2

		7	6.9	-0.8	-0.5	-0.1	-0.7	1.7	6.9	-0.8	-0.5	-0.1	0.8	4.1
		8	6.9	-0.5	-0.4	0.0	-0.6	2.8	6.9	-0.5	-0.4	0.0	0.7	4.1
		9	6.9	-0.8	0.4	-0.1	0.6	1.7	6.9	-0.8	0.4	-0.1	-0.6	4.1
		10	6.9	-0.6	1.6	0.0	2.2	2.4	6.9	-0.6	1.6	0.0	-2.3	4.1
		11	6.9	-0.7	-1.6	0.0	-2.1	2.1	6.9	-0.7	-1.6	0.0	2.4	4.1
		12	6.9	-0.7	1.7	0.0	2.4	2.1	6.9	-0.7	1.7	0.0	-2.6	4.1
		13	6.9	-0.6	-1.7	0.0	-2.4	2.4	6.9	-0.6	-1.7	0.0	2.6	4.1
		14	6.9	-0.6	1.5	0.0	2.2	2.5	6.9	-0.6	1.5	0.0	-2.3	4.1
		15	6.9	-0.7	-1.6	0.0	-2.1	2.0	6.9	-0.7	-1.6	0.0	2.4	4.1
		16	6.9	-0.7	1.5	-0.1	2.1	2.1	6.9	-0.7	1.5	-0.1	-2.3	4.1
		17	6.9	-0.6	-1.5	0.0	-2.1	2.3	6.9	-0.6	-1.5	0.0	2.3	4.1
		18	4.4	-0.2	-0.2	0.0	-0.3	1.8	4.4	-0.2	-0.2	0.0	0.4	2.4
		19	4.3	-0.5	0.2	0.0	0.3	0.7	4.3	-0.5	0.2	0.0	-0.3	2.3
		20	4.4	-0.2	0.0	0.0	0.1	1.8	4.4	-0.2	0.0	0.0	-0.1	2.4
		21	4.3	-0.5	-0.1	0.0	0.0	0.8	4.3	-0.5	-0.1	0.0	0.1	2.3
		22	4.4	-0.4	1.6	0.0	2.3	1.3	4.4	-0.4	1.6	0.0	-2.5	2.4
		23	4.4	-0.4	-1.6	0.0	-2.3	1.3	4.4	-0.4	-1.6	0.0	2.5	2.4
		24	4.4	-0.4	1.5	0.0	2.1	1.3	4.4	-0.4	1.5	0.0	-2.3	2.4
		25	4.4	-0.4	-1.5	0.0	-2.1	1.2	4.4	-0.4	-1.5	0.0	2.4	2.3
B-11	1	1	10.2	-1.9	0.1	0.1	0.1	-3.4	10.2	-1.9	0.1	0.1	-0.1	2.0
		2	9.5	-1.1	0.5	0.0	0.9	-0.8	9.5	-1.1	0.5	0.0	-0.6	2.4
		3	9.5	-2.2	-0.4	0.1	-0.7	-5.3	9.5	-2.2	-0.4	0.1	0.4	1.0
		4	9.5	-1.1	-0.8	0.0	-1.4	-0.7	9.5	-1.1	-0.8	0.0	0.8	2.4
		5	9.4	-2.2	0.9	0.1	1.6	-5.3	9.4	-2.2	0.9	0.1	-1.0	1.0
		6	9.5	-1.2	0.8	0.0	1.4	-1.1	9.5	-1.2	0.8	0.0	-0.9	2.4
		7	9.5	-2.0	-0.7	0.0	-1.2	-4.9	9.5	-2.0	-0.7	0.0	0.7	1.1
		8	9.5	-1.2	-0.4	0.0	-0.7	-1.2	9.5	-1.2	-0.4	0.0	0.3	2.4
		9	9.5	-2.0	0.5	0.0	0.9	-4.9	9.5	-2.0	0.5	0.0	-0.5	1.1
		10	9.4	-1.5	2.1	0.0	3.8	-2.4	9.4	-1.5	2.1	0.0	-2.3	1.9
		11	9.5	-1.8	-2.0	0.0	-3.7	-3.6	9.5	-1.8	-2.0	0.0	2.2	1.5
		12	9.4	-1.8	2.2	0.0	4.0	-3.8	9.4	-1.8	2.2	0.0	-2.4	1.5
		13	9.5	-1.4	-2.1	0.0	-3.9	-2.2	9.5	-1.4	-2.1	0.0	2.3	2.0
		14	9.4	-1.5	2.0	0.0	3.6	-2.4	9.4	-1.5	2.0	0.0	-2.2	2.0
		15	9.5	-1.8	-1.9	0.0	-3.5	-3.6	9.5	-1.8	-1.9	0.0	2.0	1.5
		16	9.4	-1.7	1.9	0.0	3.5	-3.5	9.4	-1.7	1.9	0.0	-2.1	1.6
		17	9.5	-1.5	-1.8	0.0	-3.3	-2.5	9.5	-1.5	-1.8	0.0	1.9	1.9
		18	6.3	-0.4	-0.1	0.0	-0.3	0.6	6.3	-0.4	-0.1	0.0	0.1	1.7
		19	6.2	-1.5	0.2	0.0	0.4	-4.0	6.2	-1.5	0.2	0.0	-0.2	0.3
		20	6.3	-0.5	0.2	0.0	0.3	0.1	6.3	-0.5	0.2	0.0	-0.2	1.6
		21	6.2	-1.3	-0.1	0.0	-0.2	-3.6	6.2	-1.3	-0.1	0.0	0.1	0.3
		22	6.2	-1.0	2.1	0.0	3.9	-1.8	6.2	-1.0	2.1	0.0	-2.4	1.0
		23	6.3	-0.9	-2.1	0.0	-3.8	-1.6	6.3	-0.9	-2.1	0.0	2.3	1.0
		24	6.2	-0.9	1.9	0.0	3.5	-1.7	6.2	-0.9	1.9	0.0	-2.1	1.0
		25	6.3	-0.9	-1.9	0.0	-3.4	-1.8	6.3	-0.9	-1.9	0.0	2.0	0.9

H-10	2	1	9.2	1.7	-0.2	0.0	-0.3	1.2	9.2	1.7	-0.2	0.0	0.1	-3.9
		2	9.5	2.6	0.4	0.0	0.5	2.4	9.5	2.6	0.4	0.0	-0.7	-5.1
		3	7.1	0.4	-0.7	0.0	-1.1	-0.5	7.1	0.4	-0.7	0.0	1.0	-1.6
		4	9.3	2.6	-0.3	0.0	-0.5	2.4	9.3	2.6	-0.3	0.0	0.4	-5.1
		5	7.3	0.3	0.0	0.0	-0.1	-0.5	7.3	0.3	0.0	0.0	-0.2	-1.5
		6	9.3	2.5	0.2	0.0	0.3	2.3	9.3	2.5	0.2	0.0	-0.5	-5.0
		7	7.2	0.4	-0.5	0.0	-0.8	-0.4	7.2	0.4	-0.5	0.0	0.7	-1.7
		8	9.1	2.5	-0.5	0.0	-0.8	2.3	9.1	2.5	-0.5	0.0	0.8	-4.9
		9	7.4	0.4	0.2	0.0	0.2	-0.4	7.4	0.4	0.2	0.0	-0.5	-1.7
		10	8.9	1.8	1.1	0.0	1.4	1.3	8.9	1.8	1.1	0.0	-1.9	-3.8
		11	7.7	1.2	-1.4	0.0	-2.0	0.6	7.7	1.2	-1.4	0.0	2.2	-2.8
		12	8.2	1.1	1.0	0.0	1.2	0.5	8.2	1.1	1.0	0.0	-1.7	-2.7
		13	8.3	1.8	-1.3	0.0	-1.8	1.4	8.3	1.8	-1.3	0.0	2.0	-3.9
		14	8.9	1.8	1.2	0.0	1.4	1.3	8.9	1.8	1.2	0.0	-1.9	-3.8
		15	7.7	1.2	-1.5	0.0	-2.0	0.6	7.7	1.2	-1.5	0.0	2.2	-2.8
		16	8.3	1.2	1.2	0.0	1.4	0.5	8.3	1.2	1.2	0.0	-2.0	-2.9
		17	8.2	1.8	-1.5	0.0	-2.0	1.4	8.2	1.8	-1.5	0.0	2.2	-3.8
		18	6.1	1.9	0.1	0.0	0.1	1.9	6.1	1.9	0.1	0.0	-0.2	-3.6
		19	3.9	-0.3	-0.3	0.0	-0.5	-1.0	3.9	-0.3	-0.3	0.0	0.4	0.0
		20	6.0	1.8	-0.1	0.0	-0.2	1.8	6.0	1.8	-0.1	0.0	0.1	-3.5
		21	4.1	-0.2	-0.1	0.0	-0.2	-0.9	4.1	-0.2	-0.1	0.0	0.1	-0.2
		22	5.3	0.7	1.1	0.0	1.4	0.4	5.3	0.7	1.1	0.0	-1.9	-1.8
		23	4.8	0.8	-1.3	0.0	-1.8	0.5	4.8	0.8	-1.3	0.0	2.1	-1.9
		24	5.4	0.8	1.2	0.0	1.5	0.4	5.4	0.8	1.2	0.0	-2.0	-1.9
		25	4.7	0.8	-1.4	0.0	-1.9	0.5	4.7	0.8	-1.4	0.0	2.2	-1.8
H-10	1	1	27.5	-0.3	-0.1	0.0	0.0	-0.1	27.5	-0.3	-0.1	0.0	0.2	0.8
		2	28.3	1.6	0.6	0.0	1.3	3.9	28.3	1.6	0.6	0.0	-0.5	-0.9
		3	21.6	-2.3	-0.8	0.0	-1.4	-4.3	21.6	-2.3	-0.8	0.0	1.0	2.4
		4	27.8	1.7	-0.6	0.0	-0.9	4.0	27.8	1.7	-0.6	0.0	0.8	-0.9
		5	22.1	-2.3	0.4	0.0	0.8	-4.3	22.1	-2.3	0.4	0.0	-0.4	2.4
		6	27.9	1.5	0.4	0.0	0.9	3.6	27.9	1.5	0.4	0.0	-0.3	-0.7
		7	22.0	-2.1	-0.6	0.0	-1.0	-3.9	22.0	-2.1	-0.6	0.0	0.7	2.3
		8	27.3	1.4	-0.9	0.0	-1.5	3.4	27.3	1.4	-0.9	0.0	1.1	-0.6
		9	22.6	-2.0	0.7	0.0	1.5	-3.8	22.6	-2.0	0.7	0.0	-0.7	2.2
		10	26.7	0.2	2.0	0.0	3.8	1.0	26.7	0.2	2.0	0.0	-2.0	0.3
		11	23.2	-0.9	-2.2	0.0	-3.9	-1.3	23.2	-0.9	-2.2	0.0	2.5	1.3
		12	24.8	-0.9	1.9	0.0	3.7	-1.5	24.8	-0.9	1.9	0.0	-2.0	1.3
		13	25.1	0.3	-2.1	0.0	-3.7	1.1	25.1	0.3	-2.1	0.0	2.4	0.3
		14	26.7	0.3	2.1	0.0	3.9	1.1	26.7	0.3	2.1	0.0	-2.1	0.2
		15	23.1	-0.9	-2.2	0.0	-4.0	-1.4	23.1	-0.9	-2.2	0.0	2.6	1.3
		16	25.1	-0.7	2.2	0.0	4.1	-1.1	25.1	-0.7	2.2	0.0	-2.2	1.1
		17	24.7	0.1	-2.3	0.0	-4.2	0.8	24.7	0.1	-2.3	0.0	2.7	0.5
		18	18.7	1.7	0.1	0.0	0.2	4.0	18.7	1.7	0.1	0.0	0.0	-1.1
		19	12.5	-2.2	-0.2	0.0	-0.3	-4.3	12.5	-2.2	-0.2	0.0	0.2	2.2
		20	18.2	1.5	-0.2	0.0	-0.3	3.5	18.2	1.5	-0.2	0.0	0.3	-0.9

		21	12.9	-2.0	0.1	0.0	0.3	-3.8	12.9	-2.0	0.1	0.0	-0.1	2.0
		22	16.4	-0.3	2.0	0.0	3.7	-0.2	16.4	-0.3	2.0	0.0	-2.1	0.5
		23	14.7	-0.2	-2.1	0.0	-3.8	-0.1	14.7	-0.2	-2.1	0.0	2.4	0.5
		24	16.6	-0.1	2.1	0.0	4.0	0.0	16.6	-0.1	2.1	0.0	-2.3	0.4
		25	14.5	-0.3	-2.3	0.0	-4.1	-0.3	14.5	-0.3	-2.3	0.0	2.5	0.7
G-10	2	1	9.4	-2.1	-0.2	0.0	-0.3	-2.1	9.4	-2.1	-0.2	0.0	0.2	3.9
		2	7.5	-0.7	0.3	0.0	0.3	-0.4	7.5	-0.7	0.3	0.0	-0.6	1.6
		3	9.4	-2.9	-0.6	0.0	-0.9	-3.3	9.4	-2.9	-0.6	0.0	0.9	5.2
		4	7.3	-0.7	-0.4	0.0	-0.7	-0.4	7.3	-0.7	-0.4	0.0	0.6	1.6
		5	9.6	-2.9	0.1	0.0	0.1	-3.3	9.6	-2.9	0.1	0.0	-0.3	5.2
		6	7.6	-0.8	0.2	0.0	0.2	-0.5	7.6	-0.8	0.2	0.0	-0.4	1.8
		7	9.4	-2.8	-0.5	0.0	-0.8	-3.2	9.4	-2.8	-0.5	0.0	0.8	5.0
		8	7.4	-0.8	-0.5	0.0	-0.8	-0.5	7.4	-0.8	-0.5	0.0	0.8	1.8
		9	9.5	-2.8	0.2	0.0	0.2	-3.2	9.5	-2.8	0.2	0.0	-0.5	5.0
		10	8.5	-1.5	1.1	0.0	1.4	-1.5	8.5	-1.5	1.1	0.0	-1.9	2.9
		11	8.5	-2.1	-1.4	0.0	-2.0	-2.2	8.5	-2.1	-1.4	0.0	2.2	3.9
		12	9.1	-2.2	1.1	0.0	1.4	-2.3	9.1	-2.2	1.1	0.0	-1.8	4.0
		13	7.8	-1.4	-1.4	0.0	-1.9	-1.4	7.8	-1.4	-1.4	0.0	2.1	2.8
		14	8.5	-1.5	1.1	0.0	1.4	-1.5	8.5	-1.5	1.1	0.0	-1.9	2.9
		15	8.5	-2.1	-1.4	0.0	-2.0	-2.2	8.5	-2.1	-1.4	0.0	2.2	3.9
		16	9.1	-2.1	1.2	0.0	1.4	-2.3	9.1	-2.1	1.2	0.0	-1.9	3.9
		17	7.9	-1.5	-1.5	0.0	-2.0	-1.4	7.9	-1.5	-1.5	0.0	2.2	2.9
		18	4.1	0.1	0.0	0.0	-0.1	0.4	4.1	0.1	0.0	0.0	0.0	0.1
		19	6.2	-2.1	-0.2	0.0	-0.3	-2.5	6.2	-2.1	-0.2	0.0	0.2	3.7
		20	4.2	0.0	-0.1	0.0	-0.2	0.3	4.2	0.0	-0.1	0.0	0.1	0.3
		21	6.1	-2.0	-0.1	0.0	-0.2	-2.4	6.1	-2.0	-0.1	0.0	0.1	3.5
		22	5.5	-1.0	1.2	0.0	1.5	-1.1	5.5	-1.0	1.2	0.0	-1.9	1.9
		23	4.8	-1.0	-1.4	0.0	-1.9	-1.0	4.8	-1.0	-1.4	0.0	2.1	1.8
		24	5.5	-1.0	1.2	0.0	1.5	-1.0	5.5	-1.0	1.2	0.0	-1.9	1.9
		25	4.9	-1.0	-1.4	0.0	-1.9	-1.0	4.9	-1.0	-1.4	0.0	2.2	1.9
G-10	1	1	24.8	0.3	-0.1	0.0	-0.1	0.5	24.8	0.3	-0.1	0.0	0.3	-0.4
		2	19.8	2.3	0.5	0.0	1.1	4.6	19.8	2.3	0.5	0.0	-0.4	-2.1
		3	25.1	-1.7	-0.8	0.0	-1.4	-3.6	25.1	-1.7	-0.8	0.0	1.0	1.3
		4	19.2	2.3	-0.7	0.0	-1.2	4.6	19.2	2.3	-0.7	0.0	0.9	-2.1
		5	25.7	-1.7	0.4	0.0	0.9	-3.7	25.7	-1.7	0.4	0.0	-0.4	1.3
		6	20.0	2.1	0.4	0.0	1.0	4.2	20.0	2.1	0.4	0.0	-0.3	-1.9
		7	25.0	-1.5	-0.7	0.0	-1.2	-3.2	25.0	-1.5	-0.7	0.0	0.9	1.1
		8	19.5	2.0	-0.8	0.0	-1.4	4.1	19.5	2.0	-0.8	0.0	1.1	-1.8
		9	25.5	-1.4	0.6	0.0	1.2	-3.1	25.5	-1.4	0.6	0.0	-0.5	1.0
		10	22.6	0.9	2.0	0.0	3.7	1.7	22.6	0.9	2.0	0.0	-2.0	-0.9
		11	22.4	-0.3	-2.2	0.0	-4.0	-0.7	22.4	-0.3	-2.2	0.0	2.6	0.1
		12	24.4	-0.3	1.9	0.0	3.7	-0.8	24.4	-0.3	1.9	0.0	-2.0	0.1
		13	20.6	0.9	-2.2	0.0	-3.9	1.8	20.6	0.9	-2.2	0.0	2.5	-0.9
		14	22.6	0.9	2.0	0.0	3.8	1.8	22.6	0.9	2.0	0.0	-2.0	-0.9

		15	22.4	-0.3	-2.3	0.0	-4.0	-0.8	22.4	-0.3	-2.3	0.0	2.6	0.2
		16	24.2	-0.1	2.0	0.0	3.9	-0.4	24.2	-0.1	2.0	0.0	-2.1	-0.1
		17	20.8	0.7	-2.3	0.0	-4.1	1.4	20.8	0.7	-2.3	0.0	2.6	-0.7
		18	11.0	2.1	0.0	0.0	0.0	4.4	11.0	2.1	0.0	0.0	0.1	-1.9
		19	16.9	-1.8	-0.1	0.0	-0.2	-3.8	16.9	-1.8	-0.1	0.0	0.2	1.4
		20	11.2	1.9	-0.2	0.0	-0.2	3.9	11.2	1.9	-0.2	0.0	0.3	-1.7
		21	16.7	-1.6	0.0	0.0	0.0	-3.4	16.7	-1.6	0.0	0.0	0.1	1.2
		22	15.0	0.2	2.0	0.0	3.8	0.2	15.0	0.2	2.0	0.0	-2.1	-0.2
		23	13.0	0.2	-2.2	0.0	-3.9	0.3	13.0	0.2	-2.2	0.0	2.4	-0.2
		24	14.8	0.3	2.1	0.0	3.9	0.5	14.8	0.3	2.1	0.0	-2.2	-0.4
		25	13.1	0.1	-2.2	0.0	-4.0	0.1	13.1	0.1	-2.2	0.0	2.5	-0.1
B-10	2	1	8.2	-1.1	-0.1	0.0	-0.1	1.2	8.2	-1.1	-0.1	0.0	0.1	4.5
		2	7.6	-0.8	0.1	0.0	0.2	1.6	7.6	-0.8	0.1	0.0	-0.2	4.0
		3	7.4	-1.2	-0.3	0.0	-0.4	0.5	7.4	-1.2	-0.3	0.0	0.5	3.9
		4	7.4	-0.8	-0.7	0.0	-1.0	1.7	7.4	-0.8	-0.7	0.0	1.1	4.0
		5	7.6	-1.2	0.6	0.0	0.8	0.5	7.6	-1.2	0.6	0.0	-0.8	3.9
		6	7.6	-0.8	0.4	0.0	0.5	1.7	7.6	-0.8	0.4	0.0	-0.6	4.0
		7	7.4	-1.2	-0.5	0.0	-0.7	0.5	7.4	-1.2	-0.5	0.0	0.8	3.9
		8	7.4	-0.8	-0.5	0.0	-0.6	1.6	7.4	-0.8	-0.5	0.0	0.7	4.0
		9	7.6	-1.2	0.3	0.0	0.4	0.5	7.6	-1.2	0.3	0.0	-0.4	3.9
		10	7.8	-1.0	1.3	0.0	1.7	1.2	7.8	-1.0	1.3	0.0	-2.0	4.0
		11	7.2	-1.1	-1.5	0.0	-2.0	0.9	7.2	-1.1	-1.5	0.0	2.3	4.0
		12	7.8	-1.1	1.4	0.0	1.9	0.9	7.8	-1.1	1.4	0.0	-2.2	3.9
		13	7.2	-0.9	-1.6	0.0	-2.2	1.3	7.2	-0.9	-1.6	0.0	2.4	4.0
		14	7.8	-0.9	1.3	0.0	1.8	1.3	7.8	-0.9	1.3	0.0	-2.0	4.0
		15	7.2	-1.1	-1.5	0.0	-2.0	0.9	7.2	-1.1	-1.5	0.0	2.2	4.0
		16	7.8	-1.1	1.3	0.0	1.7	0.9	7.8	-1.1	1.3	0.0	-1.9	4.0
		17	7.2	-1.0	-1.4	0.0	-2.0	1.2	7.2	-1.0	-1.4	0.0	2.2	4.0
		18	4.7	-0.4	-0.3	0.0	-0.4	1.2	4.7	-0.4	-0.3	0.0	0.4	2.4
		19	4.7	-0.8	0.1	0.0	0.2	0.0	4.7	-0.8	0.1	0.0	-0.2	2.3
		20	4.7	-0.4	0.0	0.0	-0.1	1.2	4.7	-0.4	0.0	0.0	0.0	2.4
		21	4.7	-0.8	-0.1	0.0	-0.1	0.0	4.7	-0.8	-0.1	0.0	0.2	2.3
		22	5.0	-0.6	1.4	0.0	1.9	0.6	5.0	-0.6	1.4	0.0	-2.1	2.3
		23	4.4	-0.6	-1.5	0.0	-2.0	0.6	4.4	-0.6	-1.5	0.0	2.3	2.3
		24	5.0	-0.6	1.3	0.0	1.8	0.6	5.0	-0.6	1.3	0.0	-2.0	2.3
		25	4.4	-0.6	-1.4	0.0	-1.9	0.6	4.4	-0.6	-1.4	0.0	2.2	2.3
B-10	1	1	10.9	-1.0	0.0	0.0	0.0	-2.0	10.9	-1.0	0.0	0.0	0.1	0.8
		2	10.3	-0.4	0.4	0.0	0.8	0.4	10.3	-0.4	0.4	0.0	-0.4	1.5
		3	10.0	-1.3	-0.5	0.0	-0.8	-3.8	10.0	-1.3	-0.5	0.0	0.5	0.0
		4	9.7	-0.4	-0.8	0.0	-1.5	0.4	9.7	-0.4	-0.8	0.0	0.8	1.5
		5	10.5	-1.3	0.7	0.0	1.4	-3.9	10.5	-1.3	0.7	0.0	-0.7	0.0
		6	10.5	-0.4	0.7	0.0	1.3	0.1	10.5	-0.4	0.7	0.0	-0.7	1.5
		7	9.8	-1.2	-0.7	0.0	-1.3	-3.6	9.8	-1.2	-0.7	0.0	0.8	0.0
		8	9.9	-0.5	-0.4	0.0	-0.8	0.1	9.9	-0.5	-0.4	0.0	0.5	1.4

		9	10.3	-1.2	0.4	0.0	0.7	-3.6	10.3	-1.2	0.4	0.0	-0.3	0.0
		10	11.1	-0.7	1.9	0.0	3.6	-1.1	11.1	-0.7	1.9	0.0	-2.0	0.9
		11	9.2	-1.0	-2.0	0.0	-3.7	-2.3	9.2	-1.0	-2.0	0.0	2.1	0.5
		12	11.1	-1.0	2.0	0.0	3.8	-2.4	11.1	-1.0	2.0	0.0	-2.1	0.5
		13	9.1	-0.7	-2.1	0.0	-3.9	-1.1	9.1	-0.7	-2.1	0.0	2.2	1.0
		14	11.0	-0.7	1.8	0.0	3.4	-1.1	11.0	-0.7	1.8	0.0	-1.9	1.0
		15	9.2	-1.0	-1.9	0.0	-3.5	-2.3	9.2	-1.0	-1.9	0.0	2.0	0.5
		16	11.0	-1.0	1.7	0.0	3.3	-2.2	11.0	-1.0	1.7	0.0	-1.8	0.6
		17	9.3	-0.7	-1.8	0.0	-3.3	-1.2	9.3	-0.7	-1.8	0.0	1.9	0.9
		18	6.6	0.0	-0.2	0.0	-0.4	1.1	6.6	0.0	-0.2	0.0	0.2	1.2
		19	6.8	-1.0	0.1	0.0	0.3	-3.1	6.8	-1.0	0.1	0.0	-0.1	-0.3
		20	6.7	-0.1	0.1	0.0	0.2	0.8	6.7	-0.1	0.1	0.0	-0.1	1.1
		21	6.6	-0.9	-0.2	0.0	-0.3	-2.9	6.6	-0.9	-0.2	0.0	0.2	-0.3
		22	7.6	-0.5	2.0	0.0	3.7	-1.0	7.6	-0.5	2.0	0.0	-2.1	0.4
		23	5.7	-0.5	-2.0	0.0	-3.8	-1.0	5.7	-0.5	-2.0	0.0	2.2	0.5
		24	7.6	-0.5	1.8	0.0	3.4	-1.0	7.6	-0.5	1.8	0.0	-1.8	0.5
		25	5.8	-0.5	-1.8	0.0	-3.4	-1.1	5.8	-0.5	-1.8	0.0	1.9	0.4
H-9	2	1	9.3	2.0	0.2	0.0	0.5	2.0	9.3	2.0	0.2	0.0	-0.2	-3.9
		2	9.2	2.8	0.8	0.0	1.2	3.0	9.2	2.8	0.8	0.0	-1.1	-5.1
		3	7.5	0.7	-0.3	0.0	-0.4	0.4	7.5	0.7	-0.3	0.0	0.6	-1.7
		4	9.4	2.8	0.1	0.0	0.2	3.0	9.4	2.8	0.1	0.0	0.1	-5.1
		5	7.3	0.7	0.4	0.0	0.6	0.4	7.3	0.7	0.4	0.0	-0.5	-1.7
		6	9.2	2.8	0.6	0.0	1.0	3.0	9.2	2.8	0.6	0.0	-0.8	-5.0
		7	7.5	0.8	-0.2	0.0	-0.1	0.4	7.5	0.8	-0.2	0.0	0.4	-1.8
		8	9.4	2.8	-0.2	0.0	-0.1	3.0	9.4	2.8	-0.2	0.0	0.4	-5.0
		9	7.3	0.7	0.6	0.0	0.9	0.4	7.3	0.7	0.6	0.0	-0.9	-1.8
		10	8.3	2.1	1.5	0.0	2.1	2.1	8.3	2.1	1.5	0.0	-2.3	-3.9
		11	8.4	1.5	-1.1	0.0	-1.3	1.3	8.4	1.5	-1.1	0.0	1.8	-2.9
		12	7.7	1.4	1.4	0.0	2.0	1.3	7.7	1.4	1.4	0.0	-2.1	-2.9
		13	8.9	2.1	-1.0	0.0	-1.1	2.1	8.9	2.1	-1.0	0.0	1.6	-3.9
		14	8.3	2.0	1.5	0.0	2.2	2.1	8.3	2.0	1.5	0.0	-2.3	-3.9
		15	8.4	1.5	-1.1	0.0	-1.3	1.4	8.4	1.5	-1.1	0.0	1.9	-2.9
		16	7.7	1.4	1.5	0.0	2.2	1.3	7.7	1.4	1.5	0.0	-2.3	-2.9
		17	8.9	2.1	-1.1	0.0	-1.3	2.1	8.9	2.1	-1.1	0.0	1.9	-3.9
		18	6.0	2.0	0.3	0.0	0.6	2.2	6.0	2.0	0.3	0.0	-0.4	-3.5
		19	4.1	-0.1	0.0	0.0	0.0	-0.4	4.1	-0.1	0.0	0.0	0.1	-0.2
		20	6.0	2.0	0.1	0.0	0.3	2.2	6.0	2.0	0.1	0.0	-0.1	-3.5
		21	4.1	0.0	0.1	0.0	0.2	-0.4	4.1	0.0	0.1	0.0	-0.2	-0.2
		22	4.8	1.0	1.4	0.0	1.9	0.9	4.8	1.0	1.4	0.0	-2.1	-1.9
		23	5.4	1.0	-1.1	0.0	-1.4	1.0	5.4	1.0	-1.1	0.0	1.8	-1.9
		24	4.8	1.0	1.5	0.0	2.0	0.9	4.8	1.0	1.5	0.0	-2.2	-1.9
		25	5.4	1.0	-1.2	0.0	-1.5	1.0	5.4	1.0	-1.2	0.0	1.9	-1.9
H-9	1	1	24.1	0.2	0.4	0.0	0.4	0.4	24.1	0.2	0.4	0.0	-0.6	-0.2
		2	24.3	2.1	1.1	0.0	1.8	4.3	24.3	2.1	1.1	0.0	-1.3	-1.8

3	19.4	-1.7	-0.4	0.0	-1.0	-3.6	19.4	-1.7	-0.4	0.0	0.2	1.5		
4	24.8	2.1	-0.2	0.0	-0.5	4.3	24.8	2.1	-0.2	0.0	0.0	-1.8		
5	18.8	-1.7	0.8	0.0	1.3	-3.7	18.8	-1.7	0.8	0.0	-1.1	1.5		
6	24.4	2.0	0.8	0.0	1.3	4.2	24.4	2.0	0.8	0.0	-1.1	-1.8		
7	19.3	-1.7	-0.2	0.0	-0.5	-3.6	19.3	-1.7	-0.2	0.0	-0.1	1.4		
8	24.9	2.0	-0.5	0.0	-1.1	4.1	24.9	2.0	-0.5	0.0	0.4	-1.7		
9	18.8	-1.7	1.2	0.0	1.9	-3.5	18.8	-1.7	1.2	0.0	-1.5	1.4		
10	21.8	0.7	2.4	0.0	4.2	1.5	21.8	0.7	2.4	0.0	-2.8	-0.7		
11	21.9	-0.4	-1.8	0.0	-3.5	-0.9	21.9	-0.4	-1.8	0.0	1.7	0.3		
12	20.1	-0.4	2.3	0.0	4.1	-0.9	20.1	-0.4	2.3	0.0	-2.8	0.3		
13	23.5	0.7	-1.7	0.0	-3.3	1.5	23.5	0.7	-1.7	0.0	1.6	-0.7		
14	21.8	0.8	2.5	0.0	4.4	1.5	21.8	0.8	2.5	0.0	-2.9	-0.7		
15	21.9	-0.4	-1.8	0.0	-3.6	-0.9	21.9	-0.4	-1.8	0.0	1.8	0.3		
16	20.1	-0.4	2.6	0.0	4.5	-0.8	20.1	-0.4	2.6	0.0	-3.0	0.3		
17	23.6	0.7	-1.9	0.0	-3.7	1.4	23.6	0.7	-1.9	0.0	1.9	-0.6		
18	16.4	2.0	0.3	0.0	0.5	4.1	16.4	2.0	0.3	0.0	-0.4	-1.7		
19	10.9	-1.8	0.1	0.0	0.0	-3.8	10.9	-1.8	0.1	0.0	-0.2	1.5		
20	16.4	1.9	0.0	0.0	-0.1	4.0	16.4	1.9	0.0	0.0	-0.1	-1.7		
21	10.8	-1.8	0.4	0.0	0.5	-3.7	10.8	-1.8	0.4	0.0	-0.6	1.5		
22	12.7	0.1	2.2	0.0	4.0	0.2	12.7	0.1	2.2	0.0	-2.6	-0.1		
23	14.5	0.1	-1.9	0.0	-3.5	0.2	14.5	0.1	-1.9	0.0	1.9	-0.1		
24	12.7	0.1	2.4	0.0	4.3	0.2	12.7	0.1	2.4	0.0	-2.7	-0.1		
25	14.5	0.1	-2.0	0.0	-3.8	0.1	14.5	0.1	-2.0	0.0	2.1	0.0		
G-9	2	1	9.4	-2.1	0.2	0.0	0.4	-2.1	9.4	-2.1	0.2	0.0	-0.2	3.9
		2	7.3	-0.8	0.7	0.0	1.0	-0.5	7.3	-0.8	0.7	0.0	-0.9	1.7
		3	9.5	-2.8	-0.3	0.0	-0.3	-3.1	9.5	-2.8	-0.3	0.0	0.5	5.0
		4	7.5	-0.7	-0.1	0.0	0.0	-0.5	7.5	-0.7	-0.1	0.0	0.3	1.7
		5	9.3	-2.8	0.5	0.0	0.7	-3.1	9.3	-2.8	0.5	0.0	-0.7	5.0
		6	7.4	-0.8	0.6	0.0	0.9	-0.5	7.4	-0.8	0.6	0.0	-0.8	1.7
		7	9.5	-2.8	-0.2	0.0	-0.2	-3.1	9.5	-2.8	-0.2	0.0	0.4	5.0
		8	7.5	-0.8	-0.2	0.0	-0.2	-0.5	7.5	-0.8	-0.2	0.0	0.4	1.7
		9	9.3	-2.8	0.6	0.0	0.9	-3.1	9.3	-2.8	0.6	0.0	-0.9	5.0
		10	7.8	-1.5	1.5	0.0	2.1	-1.4	7.8	-1.5	1.5	0.0	-2.3	2.8
		11	9.0	-2.1	-1.1	0.0	-1.4	-2.2	9.0	-2.1	-1.1	0.0	1.8	3.8
		12	8.4	-2.1	1.4	0.0	2.0	-2.2	8.4	-2.1	1.4	0.0	-2.2	3.8
		13	8.4	-1.5	-1.0	0.0	-1.3	-1.4	8.4	-1.5	-1.0	0.0	1.7	2.8
		14	7.8	-1.5	1.5	0.0	2.1	-1.5	7.8	-1.5	1.5	0.0	-2.3	2.8
		15	9.0	-2.1	-1.1	0.0	-1.4	-2.2	9.0	-2.1	-1.1	0.0	1.8	3.8
		16	8.4	-2.1	1.5	0.0	2.1	-2.2	8.4	-2.1	1.5	0.0	-2.3	3.8
		17	8.4	-1.5	-1.1	0.0	-1.4	-1.4	8.4	-1.5	-1.1	0.0	1.8	2.8
		18	4.1	0.0	0.2	0.0	0.3	0.3	4.1	0.0	0.2	0.0	-0.3	0.2
		19	6.1	-2.0	0.0	0.0	0.1	-2.3	6.1	-2.0	0.0	0.0	0.0	3.5
		20	4.1	0.0	0.1	0.0	0.2	0.3	4.1	0.0	0.1	0.0	-0.1	0.2
		21	6.1	-2.0	0.1	0.0	0.2	-2.3	6.1	-2.0	0.1	0.0	-0.2	3.5
		22	4.8	-1.0	1.4	0.0	1.9	-1.0	4.8	-1.0	1.4	0.0	-2.2	1.9



		23	5.4	-1.0	-1.1	0.0	-1.5	-1.0	5.4	-1.0	-1.1	0.0	1.9	1.8
		24	4.8	-1.0	1.4	0.0	1.9	-1.0	4.8	-1.0	1.4	0.0	-2.2	1.8
		25	5.4	-1.0	-1.2	0.0	-1.5	-1.0	5.4	-1.0	-1.2	0.0	1.9	1.8
G-9	1	1	25.0	0.2	0.2	0.0	0.3	0.4	25.0	0.2	0.2	0.0	-0.4	-0.3
		2	19.5	2.1	0.9	0.0	1.5	4.3	19.5	2.1	0.9	0.0	-1.1	-1.9
		3	25.8	-1.7	-0.5	0.0	-1.0	-3.6	25.8	-1.7	-0.5	0.0	0.4	1.4
		4	20.0	2.1	-0.4	0.0	-0.8	4.3	20.0	2.1	-0.4	0.0	0.3	-1.9
		5	25.3	-1.7	0.8	0.0	1.3	-3.6	25.3	-1.7	0.8	0.0	-1.0	1.4
		6	19.6	2.1	0.8	0.0	1.3	4.2	19.6	2.1	0.8	0.0	-1.0	-1.8
		7	25.7	-1.7	-0.4	0.0	-0.8	-3.5	25.7	-1.7	-0.4	0.0	0.3	1.3
		8	20.2	2.1	-0.5	0.0	-1.1	4.2	20.2	2.1	-0.5	0.0	0.4	-1.8
		9	25.2	-1.6	0.9	0.0	1.5	-3.5	25.2	-1.6	0.9	0.0	-1.1	1.3
		10	20.9	0.8	2.3	0.0	4.1	1.5	20.9	0.8	2.3	0.0	-2.6	-0.7
		11	24.4	-0.4	-1.9	0.0	-3.6	-0.8	24.4	-0.4	-1.9	0.0	1.9	0.2
		12	22.6	-0.4	2.3	0.0	4.0	-0.8	22.6	-0.4	2.3	0.0	-2.6	0.2
		13	22.7	0.8	-1.9	0.0	-3.6	1.6	22.7	0.8	-1.9	0.0	1.9	-0.7
		14	20.9	0.8	2.3	0.0	4.1	1.6	20.9	0.8	2.3	0.0	-2.7	-0.8
		15	24.4	-0.4	-1.9	0.0	-3.7	-0.9	24.4	-0.4	-1.9	0.0	2.0	0.3
		16	22.5	-0.3	2.4	0.0	4.2	-0.7	22.5	-0.3	2.4	0.0	-2.7	0.2
		17	22.8	0.7	-2.0	0.0	-3.8	1.4	22.8	0.7	-2.0	0.0	2.0	-0.7
		18	11.2	2.0	0.2	0.0	0.2	4.2	11.2	2.0	0.2	0.0	-0.3	-1.8
		19	17.0	-1.8	0.1	0.0	0.0	-3.8	17.0	-1.8	0.1	0.0	-0.2	1.5
		20	11.3	2.0	0.1	0.0	0.0	4.1	11.3	2.0	0.1	0.0	-0.1	-1.7
		21	16.8	-1.7	0.2	0.0	0.3	-3.6	16.8	-1.7	0.2	0.0	-0.3	1.4
		22	13.2	0.1	2.2	0.0	4.0	0.2	13.2	0.1	2.2	0.0	-2.5	-0.1
		23	15.0	0.1	-2.0	0.0	-3.7	0.2	15.0	0.1	-2.0	0.0	2.0	-0.1
		24	13.1	0.2	2.3	0.0	4.1	0.3	13.1	0.2	2.3	0.0	-2.6	-0.2
		25	15.0	0.1	-2.0	0.0	-3.8	0.1	15.0	0.1	-2.0	0.0	2.1	-0.1
B-9	2	1	8.4	-1.1	0.1	0.0	0.2	1.5	8.4	-1.1	0.1	0.0	-0.2	4.7
		2	7.6	-0.8	0.3	0.0	0.4	1.9	7.6	-0.8	0.3	0.0	-0.5	4.2
		3	7.6	-1.1	-0.1	0.0	-0.1	0.7	7.6	-1.1	-0.1	0.0	0.2	4.1
		4	7.8	-0.8	-0.5	0.0	-0.7	1.9	7.8	-0.8	-0.5	0.0	0.8	4.2
		5	7.4	-1.2	0.8	0.0	1.0	0.7	7.4	-1.2	0.8	0.0	-1.1	4.1
		6	7.5	-0.8	0.5	0.0	0.7	1.9	7.5	-0.8	0.5	0.0	-0.8	4.2
		7	7.7	-1.2	-0.3	0.0	-0.4	0.7	7.7	-1.2	-0.3	0.0	0.5	4.1
		8	7.7	-0.8	-0.3	0.0	-0.4	1.9	7.7	-0.8	-0.3	0.0	0.4	4.2
		9	7.5	-1.2	0.5	0.0	0.7	0.7	7.5	-1.2	0.5	0.0	-0.7	4.1
		10	7.3	-0.9	1.5	0.0	2.0	1.5	7.3	-0.9	1.5	0.0	-2.3	4.2
		11	7.9	-1.0	-1.2	0.0	-1.7	1.1	7.9	-1.0	-1.2	0.0	1.9	4.1
		12	7.3	-1.0	1.6	0.0	2.2	1.1	7.3	-1.0	1.6	0.0	-2.5	4.1
		13	8.0	-0.9	-1.4	0.0	-1.9	1.5	8.0	-0.9	-1.4	0.0	2.1	4.2
		14	7.3	-0.9	1.5	0.0	2.0	1.5	7.3	-0.9	1.5	0.0	-2.2	4.2
		15	7.9	-1.0	-1.2	0.0	-1.7	1.1	7.9	-1.0	-1.2	0.0	1.9	4.1
		16	7.3	-1.0	1.4	0.0	2.0	1.1	7.3	-1.0	1.4	0.0	-2.2	4.1

		17	7.9	-0.9	-1.2	0.0	-1.7	1.5	7.9	-0.9	-1.2	0.0	1.9	4.2
		18	4.8	-0.4	-0.1	0.0	-0.2	1.3	4.8	-0.4	-0.1	0.0	0.2	2.5
		19	4.7	-0.7	0.3	0.0	0.4	0.2	4.7	-0.7	0.3	0.0	-0.4	2.3
		20	4.8	-0.4	0.1	0.0	0.1	1.4	4.8	-0.4	0.1	0.0	-0.2	2.5
		21	4.7	-0.8	0.1	0.0	0.1	0.2	4.7	-0.8	0.1	0.0	-0.1	2.3
		22	4.4	-0.6	1.5	0.0	2.0	0.8	4.4	-0.6	1.5	0.0	-2.3	2.4
		23	5.1	-0.6	-1.3	0.0	-1.8	0.8	5.1	-0.6	-1.3	0.0	2.1	2.4
		24	4.5	-0.6	1.4	0.0	1.9	0.8	4.5	-0.6	1.4	0.0	-2.2	2.4
		25	5.1	-0.6	-1.3	0.0	-1.7	0.8	5.1	-0.6	-1.3	0.0	1.9	2.4
B-9	1	1	11.0	-1.2	0.0	0.0	0.0	-2.3	11.0	-1.2	0.0	0.0	0.0	1.1
		2	10.1	-0.6	0.5	0.0	0.8	-0.1	10.1	-0.6	0.5	0.0	-0.5	1.7
		3	10.4	-1.5	-0.4	0.0	-0.8	-4.0	10.4	-1.5	-0.4	0.0	0.5	0.2
		4	10.7	-0.6	-0.7	0.0	-1.4	-0.1	10.7	-0.6	-0.7	0.0	0.7	1.7
		5	9.8	-1.5	0.8	0.0	1.5	-4.0	9.8	-1.5	0.8	0.0	-0.8	0.2
		6	10.0	-0.6	0.7	0.0	1.3	-0.2	10.0	-0.6	0.7	0.0	-0.8	1.7
		7	10.5	-1.4	-0.7	0.0	-1.3	-3.9	10.5	-1.4	-0.7	0.0	0.7	0.2
		8	10.5	-0.6	-0.4	0.0	-0.7	-0.2	10.5	-0.6	-0.4	0.0	0.3	1.7
		9	10.0	-1.4	0.4	0.0	0.8	-3.9	10.0	-1.4	0.4	0.0	-0.4	0.2
		10	9.3	-0.9	2.0	0.0	3.7	-1.5	9.3	-0.9	2.0	0.0	-2.2	1.2
		11	11.2	-1.2	-2.0	0.0	-3.7	-2.6	11.2	-1.2	-2.0	0.0	2.1	0.7
		12	9.3	-1.2	2.1	0.0	3.9	-2.7	9.3	-1.2	2.1	0.0	-2.2	0.7
		13	11.2	-0.9	-2.1	0.0	-3.9	-1.4	11.2	-0.9	-2.1	0.0	2.1	1.2
		14	9.4	-0.9	1.9	0.0	3.5	-1.5	9.4	-0.9	1.9	0.0	-2.0	1.2
		15	11.1	-1.1	-1.9	0.0	-3.5	-2.6	11.1	-1.1	-1.9	0.0	1.9	0.7
		16	9.4	-1.1	1.8	0.0	3.4	-2.6	9.4	-1.1	1.8	0.0	-1.9	0.7
		17	11.1	-0.9	-1.8	0.0	-3.3	-1.5	11.1	-0.9	-1.8	0.0	1.8	1.2
		18	6.9	-0.2	-0.1	0.0	-0.3	0.8	6.9	-0.2	-0.1	0.0	0.1	1.3
		19	6.6	-1.0	0.2	0.0	0.3	-3.2	6.6	-1.0	0.2	0.0	-0.2	-0.2
		20	6.7	-0.2	0.2	0.0	0.3	0.7	6.7	-0.2	0.2	0.0	-0.2	1.3
		21	6.8	-1.0	-0.1	0.0	-0.3	-3.1	6.8	-1.0	-0.1	0.0	0.2	-0.2
		22	5.8	-0.6	2.0	0.0	3.8	-1.2	5.8	-0.6	2.0	0.0	-2.2	0.6
		23	7.7	-0.6	-2.0	0.0	-3.8	-1.2	7.7	-0.6	-2.0	0.0	2.1	0.6
		24	5.9	-0.6	1.8	0.0	3.4	-1.2	5.9	-0.6	1.8	0.0	-2.0	0.6
		25	7.6	-0.6	-1.8	0.0	-3.4	-1.2	7.6	-0.6	-1.8	0.0	1.9	0.6
H-8	2	1	8.4	2.1	0.0	0.0	0.0	2.4	8.4	2.1	0.0	0.0	-0.1	-3.5
		2	8.5	2.8	0.7	0.0	0.9	3.4	8.5	2.8	0.7	0.0	-1.0	-4.6
		3	6.6	0.8	-0.6	0.0	-0.9	0.9	6.6	0.8	-0.6	0.0	0.9	-1.5
		4	8.5	2.8	-0.2	0.0	-0.2	3.4	8.5	2.8	-0.2	0.0	0.3	-4.6
		5	6.7	0.8	0.2	0.0	0.2	0.9	6.7	0.8	0.2	0.0	-0.4	-1.5
		6	8.6	2.8	0.5	0.0	0.6	3.4	8.6	2.8	0.5	0.0	-0.7	-4.7
		7	6.6	0.8	-0.4	0.0	-0.6	0.9	6.6	0.8	-0.4	0.0	0.6	-1.4
		8	8.6	2.8	-0.4	0.0	-0.6	3.4	8.6	2.8	-0.4	0.0	0.7	-4.7
		9	6.6	0.8	0.5	0.0	0.6	0.9	6.6	0.8	0.5	0.0	-0.8	-1.4
		10	7.9	2.1	1.5	0.0	2.0	2.5	7.9	2.1	1.5	0.0	-2.3	-3.5

		11	7.3	1.5	-1.5	0.0	-2.0	1.8	7.3	1.5	-1.5	0.0	2.2	-2.6
		12	7.3	1.5	1.4	0.0	1.8	1.8	7.3	1.5	1.4	0.0	-2.2	-2.6
		13	7.8	2.1	-1.3	0.0	-1.8	2.5	7.8	2.1	-1.3	0.0	2.0	-3.5
		14	7.9	2.1	1.5	0.0	2.0	2.5	7.9	2.1	1.5	0.0	-2.4	-3.5
		15	7.3	1.5	-1.5	0.0	-2.0	1.8	7.3	1.5	-1.5	0.0	2.3	-2.6
		16	7.3	1.5	1.5	0.0	2.0	1.7	7.3	1.5	1.5	0.0	-2.4	-2.5
		17	7.9	2.1	-1.5	0.0	-2.0	2.6	7.9	2.1	-1.5	0.0	2.3	-3.6
		18	5.6	2.0	0.2	0.0	0.3	2.5	5.6	2.0	0.2	0.0	-0.3	-3.3
		19	3.7	0.1	-0.2	0.0	-0.3	0.0	3.7	0.1	-0.2	0.0	0.3	-0.1
		20	5.6	2.0	0.0	0.0	0.0	2.5	5.6	2.0	0.0	0.0	0.0	-3.3
		21	3.7	0.0	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.0	-0.1	-0.1
		22	4.7	1.0	1.4	0.0	1.9	1.3	4.7	1.0	1.4	0.0	-2.2	-1.7
		23	4.6	1.0	-1.4	0.0	-1.9	1.2	4.6	1.0	-1.4	0.0	2.2	-1.7
		24	4.6	1.0	1.5	0.0	2.0	1.2	4.6	1.0	1.5	0.0	-2.4	-1.7
		25	4.6	1.0	-1.5	0.0	-2.0	1.3	4.6	1.0	-1.5	0.0	2.3	-1.7
H-8	1	1	18.2	0.7	0.1	0.0	0.1	0.8	18.2	0.7	0.1	0.0	-0.1	-1.1
		2	19.3	2.5	0.8	0.0	1.5	4.6	19.3	2.5	0.8	0.0	-0.9	-2.6
		3	13.9	-1.3	-0.7	0.0	-1.3	-3.1	13.9	-1.3	-0.7	0.0	0.8	0.6
		4	19.3	2.5	-0.5	0.0	-0.8	4.6	19.3	2.5	-0.5	0.0	0.5	-2.6
		5	13.9	-1.3	0.6	0.0	1.0	-3.1	13.9	-1.3	0.6	0.0	-0.7	0.6
		6	19.4	2.5	0.6	0.0	1.1	4.7	19.4	2.5	0.6	0.0	-0.6	-2.7
		7	13.8	-1.3	-0.5	0.0	-0.8	-3.3	13.8	-1.3	-0.5	0.0	0.5	0.7
		8	19.4	2.5	-0.8	0.0	-1.4	4.7	19.4	2.5	-0.8	0.0	0.9	-2.7
		9	13.8	-1.3	0.9	0.0	1.7	-3.3	13.8	-1.3	0.9	0.0	-1.1	0.7
		10	17.5	1.2	2.2	0.0	4.1	1.9	17.5	1.2	2.2	0.0	-2.5	-1.5
		11	15.7	0.0	-2.1	0.0	-3.8	-0.5	15.7	0.0	-2.1	0.0	2.4	-0.5
		12	15.8	0.1	2.2	0.0	3.9	-0.4	15.8	0.1	2.2	0.0	-2.5	-0.5
		13	17.3	1.1	-2.1	0.0	-3.7	1.9	17.3	1.1	-2.1	0.0	2.3	-1.5
		14	17.4	1.2	2.3	0.0	4.2	1.9	17.4	1.2	2.3	0.0	-2.6	-1.5
		15	15.7	0.0	-2.2	0.0	-4.0	-0.4	15.7	0.0	-2.2	0.0	2.5	-0.5
		16	15.8	0.0	2.4	0.0	4.4	-0.5	15.8	0.0	2.4	0.0	-2.7	-0.5
		17	17.4	1.2	-2.3	0.0	-4.1	2.0	17.4	1.2	-2.3	0.0	2.6	-1.5
		18	13.1	2.2	0.2	0.0	0.3	4.3	13.1	2.2	0.2	0.0	-0.1	-2.2
		19	7.7	-1.5	-0.1	0.0	-0.2	-3.4	7.7	-1.5	-0.1	0.0	0.1	1.0
		20	13.2	2.3	-0.1	0.0	-0.2	4.5	13.2	2.3	-0.1	0.0	0.2	-2.3
		21	7.6	-1.6	0.2	0.0	0.4	-3.5	7.6	-1.6	0.2	0.0	-0.3	1.0
		22	10.4	0.4	2.2	0.0	3.9	0.5	10.4	0.4	2.2	0.0	-2.5	-0.7
		23	10.3	0.4	-2.1	0.0	-3.8	0.4	10.3	0.4	-2.1	0.0	2.4	-0.6
		24	10.4	0.4	2.3	0.0	4.2	0.4	10.4	0.4	2.3	0.0	-2.6	-0.6
		25	10.4	0.4	-2.3	0.0	-4.1	0.5	10.4	0.4	-2.3	0.0	2.6	-0.6
G-8	2	1	8.5	-1.9	0.0	0.0	0.0	-2.1	8.5	-1.9	0.0	0.0	0.0	3.3
		2	6.7	-0.6	0.5	0.0	0.7	-0.6	6.7	-0.6	0.5	0.0	-0.8	1.3
		3	8.5	-2.6	-0.5	0.0	-0.7	-3.0	8.5	-2.6	-0.5	0.0	0.8	4.5
		4	6.7	-0.6	-0.4	0.0	-0.5	-0.6	6.7	-0.6	-0.4	0.0	0.6	1.3

5	8.5	-2.6	0.3	0.0	0.4	-3.0	8.5	-2.6	0.3	0.0	-0.5	4.5
6	6.7	-0.6	0.4	0.0	0.6	-0.5	6.7	-0.6	0.4	0.0	-0.7	1.3
7	8.6	-2.6	-0.4	0.0	-0.6	-3.1	8.6	-2.6	-0.4	0.0	0.7	4.5
8	6.6	-0.6	-0.5	0.0	-0.6	-0.5	6.6	-0.6	-0.5	0.0	0.7	1.2
9	8.6	-2.6	0.4	0.0	0.6	-3.1	8.6	-2.6	0.4	0.0	-0.7	4.5
10	7.3	-1.3	1.5	0.0	2.0	-1.4	7.3	-1.3	1.5	0.0	-2.3	2.4
11	7.9	-1.9	-1.5	0.0	-2.0	-2.2	7.9	-1.9	-1.5	0.0	2.3	3.4
12	7.9	-1.9	1.4	0.0	1.9	-2.2	7.9	-1.9	1.4	0.0	-2.2	3.3
13	7.3	-1.3	-1.4	0.0	-1.9	-1.4	7.3	-1.3	-1.4	0.0	2.2	2.4
14	7.4	-1.3	1.5	0.0	2.0	-1.4	7.4	-1.3	1.5	0.0	-2.3	2.4
15	7.9	-1.9	-1.5	0.0	-2.0	-2.1	7.9	-1.9	-1.5	0.0	2.3	3.3
16	7.9	-1.9	1.5	0.0	2.0	-2.2	7.9	-1.9	1.5	0.0	-2.3	3.4
17	7.3	-1.3	-1.5	0.0	-2.0	-1.4	7.3	-1.3	-1.5	0.0	2.3	2.4
18	3.7	0.1	0.1	0.0	0.1	0.2	3.7	0.1	0.1	0.0	-0.1	0.0
19	5.6	-1.9	-0.1	0.0	-0.1	-2.2	5.6	-1.9	-0.1	0.0	0.1	3.2
20	3.7	0.1	0.0	0.0	0.0	0.3	3.7	0.1	0.0	0.0	0.0	0.0
21	5.6	-1.9	0.0	0.0	0.0	-2.3	5.6	-1.9	0.0	0.0	0.0	3.2
22	4.7	-0.9	1.4	0.0	1.9	-1.0	4.7	-0.9	1.4	0.0	-2.2	1.6
23	4.6	-0.9	-1.4	0.0	-2.0	-1.0	4.6	-0.9	-1.4	0.0	2.2	1.6
24	4.7	-0.9	1.5	0.0	2.0	-1.0	4.7	-0.9	1.5	0.0	-2.3	1.6
25	4.6	-0.9	-1.5	0.0	-2.0	-1.0	4.6	-0.9	-1.5	0.0	2.3	1.6

G-8

1

1	21.8	0.0	0.0	0.0	0.0	0.1	21.8	0.0	0.0	0.0	0.0	0.2
2	17.1	1.9	0.7	0.0	1.3	4.0	17.1	1.9	0.7	0.0	-0.8	-1.5
3	22.4	-1.9	-0.7	0.0	-1.2	-3.8	22.4	-1.9	-0.7	0.0	0.8	1.8
4	17.1	1.9	-0.6	0.0	-1.0	3.9	17.1	1.9	-0.6	0.0	0.7	-1.5
5	22.5	-1.9	0.6	0.0	1.1	-3.8	22.5	-1.9	0.6	0.0	-0.7	1.8
6	17.0	1.9	0.6	0.0	1.1	4.1	17.0	1.9	0.6	0.0	-0.7	-1.5
7	22.5	-2.0	-0.6	0.0	-1.1	-3.9	22.5	-2.0	-0.6	0.0	0.7	1.8
8	17.0	1.9	-0.7	0.0	-1.3	4.1	17.0	1.9	-0.7	0.0	0.9	-1.5
9	22.6	-2.0	0.8	0.0	1.4	-3.9	22.6	-2.0	0.8	0.0	-0.8	1.8
10	19.0	0.6	2.2	0.0	4.0	1.3	19.0	0.6	2.2	0.0	-2.5	-0.3
11	20.5	-0.6	-2.2	0.0	-3.9	-1.1	20.5	-0.6	-2.2	0.0	2.5	0.7
12	20.6	-0.6	2.2	0.0	3.9	-1.0	20.6	-0.6	2.2	0.0	-2.4	0.6
13	18.9	0.5	-2.2	0.0	-3.9	1.2	18.9	0.5	-2.2	0.0	2.5	-0.3
14	19.0	0.6	2.3	0.0	4.1	1.3	19.0	0.6	2.3	0.0	-2.5	-0.4
15	20.5	-0.6	-2.2	0.0	-4.0	-1.1	20.5	-0.6	-2.2	0.0	2.5	0.7
16	20.7	-0.6	2.3	0.0	4.1	-1.1	20.7	-0.6	2.3	0.0	-2.6	0.7
17	18.9	0.6	-2.3	0.0	-4.1	1.3	18.9	0.6	-2.3	0.0	2.6	-0.4
18	9.7	1.9	0.1	0.0	0.1	3.9	9.7	1.9	0.1	0.0	0.0	-1.5
19	15.0	-1.9	0.0	0.0	-0.1	-3.8	15.0	-1.9	0.0	0.0	0.0	1.7
20	9.6	1.9	-0.1	0.0	-0.1	4.1	9.6	1.9	-0.1	0.0	0.1	-1.6
21	15.1	-2.0	0.1	0.0	0.1	-4.0	15.1	-2.0	0.1	0.0	-0.1	1.8
22	12.4	0.0	2.2	0.0	4.0	0.1	12.4	0.0	2.2	0.0	-2.5	0.1
23	12.3	0.0	-2.2	0.0	-3.9	0.0	12.3	0.0	-2.2	0.0	2.5	0.1
24	12.4	0.0	2.3	0.0	4.1	0.0	12.4	0.0	2.3	0.0	-2.5	0.1

		25	12.3	0.0	-2.3	0.0	-4.0	0.1	12.3	0.0	-2.3	0.0	2.6	0.1
B-8	2	1	7.4	-1.1	0.0	0.0	0.1	0.9	7.4	-1.1	0.0	0.0	0.0	4.0
		2	6.7	-0.8	0.3	0.0	0.4	1.2	6.7	-0.8	0.3	0.0	-0.4	3.5
		3	6.9	-1.1	-0.2	0.0	-0.3	0.5	6.9	-1.1	-0.2	0.0	0.4	3.6
		4	6.7	-0.8	-0.7	0.0	-0.9	1.2	6.7	-0.8	-0.7	0.0	1.0	3.5
		5	6.9	-1.1	0.7	0.0	1.0	0.4	6.9	-1.1	0.7	0.0	-1.1	3.6
		6	6.7	-0.8	0.5	0.0	0.7	1.2	6.7	-0.8	0.5	0.0	-0.8	3.4
		7	6.9	-1.1	-0.4	0.0	-0.6	0.4	6.9	-1.1	-0.4	0.0	0.7	3.6
		8	6.7	-0.8	-0.4	0.0	-0.5	1.2	6.7	-0.8	-0.4	0.0	0.6	3.5
		9	6.9	-1.1	0.4	0.0	0.6	0.4	6.9	-1.1	0.4	0.0	-0.6	3.6
		10	6.8	-0.9	1.5	0.0	2.1	0.9	6.8	-0.9	1.5	0.0	-2.4	3.5
		11	6.8	-1.0	-1.5	0.0	-2.0	0.7	6.8	-1.0	-1.5	0.0	2.3	3.6
		12	6.8	-1.0	1.7	0.0	2.3	0.7	6.8	-1.0	1.7	0.0	-2.6	3.5
		13	6.8	-0.9	-1.6	0.0	-2.2	0.9	6.8	-0.9	-1.6	0.0	2.5	3.5
		14	6.8	-0.9	1.5	0.0	2.1	0.9	6.8	-0.9	1.5	0.0	-2.3	3.5
		15	6.8	-1.0	-1.5	0.0	-2.0	0.7	6.8	-1.0	-1.5	0.0	2.3	3.6
		16	6.8	-1.0	1.5	0.0	2.1	0.7	6.8	-1.0	1.5	0.0	-2.3	3.5
		17	6.8	-0.9	-1.4	0.0	-2.0	1.0	6.8	-0.9	-1.4	0.0	2.2	3.5
		18	4.2	-0.4	-0.2	0.0	-0.3	0.9	4.2	-0.4	-0.2	0.0	0.3	2.0
		19	4.3	-0.7	0.2	0.0	0.4	0.1	4.3	-0.7	0.2	0.0	-0.3	2.1
		20	4.2	-0.4	0.1	0.0	0.0	0.9	4.2	-0.4	0.1	0.0	-0.1	2.0
		21	4.4	-0.7	0.0	0.0	0.0	0.1	4.4	-0.7	0.0	0.0	0.1	2.1
		22	4.3	-0.5	1.6	0.0	2.2	0.5	4.3	-0.5	1.6	0.0	-2.5	2.0
		23	4.3	-0.5	-1.6	0.0	-2.1	0.5	4.3	-0.5	-1.6	0.0	2.4	2.1
		24	4.3	-0.5	1.5	0.0	2.1	0.5	4.3	-0.5	1.5	0.0	-2.3	2.0
		25	4.3	-0.5	-1.5	0.0	-2.0	0.5	4.3	-0.5	-1.5	0.0	2.3	2.1
B-8	1	1	9.9	-0.8	0.0	0.0	0.0	-1.6	9.9	-0.8	0.0	0.0	0.1	0.7
		2	9.2	-0.1	0.5	0.0	0.8	0.7	9.2	-0.1	0.5	0.0	-0.5	1.1
		3	9.3	-1.2	-0.5	0.0	-0.9	-3.6	9.3	-1.2	-0.5	0.0	0.6	0.0
		4	9.2	-0.1	-0.8	0.0	-1.5	0.7	9.2	-0.1	-0.8	0.0	0.9	1.1
		5	9.4	-1.2	0.8	0.0	1.5	-3.5	9.4	-1.2	0.8	0.0	-0.8	0.0
		6	9.2	-0.1	0.7	0.0	1.3	0.8	9.2	-0.1	0.7	0.0	-0.8	1.1
		7	9.3	-1.2	-0.8	0.0	-1.4	-3.6	9.3	-1.2	-0.8	0.0	0.9	0.0
		8	9.2	-0.1	-0.4	0.0	-0.8	0.8	9.2	-0.1	-0.4	0.0	0.5	1.1
		9	9.4	-1.2	0.4	0.0	0.7	-3.6	9.4	-1.2	0.4	0.0	-0.4	0.0
		10	9.3	-0.5	2.1	0.0	3.8	-0.8	9.3	-0.5	2.1	0.0	-2.3	0.7
		11	9.2	-0.9	-2.2	0.0	-3.9	-2.1	9.2	-0.9	-2.2	0.0	2.4	0.4
		12	9.3	-0.8	2.2	0.0	4.0	-2.0	9.3	-0.8	2.2	0.0	-2.4	0.4
		13	9.2	-0.5	-2.3	0.0	-4.1	-0.8	9.2	-0.5	-2.3	0.0	2.5	0.7
		14	9.3	-0.5	2.0	0.0	3.6	-0.8	9.3	-0.5	2.0	0.0	-2.2	0.7
		15	9.2	-0.9	-2.1	0.0	-3.7	-2.1	9.2	-0.9	-2.1	0.0	2.3	0.4
		16	9.3	-0.8	1.9	0.0	3.5	-2.1	9.3	-0.8	1.9	0.0	-2.1	0.4
		17	9.2	-0.5	-1.9	0.0	-3.5	-0.8	9.2	-0.5	-1.9	0.0	2.2	0.8
		18	6.0	0.1	-0.2	0.0	-0.3	1.3	6.0	0.1	-0.2	0.0	0.2	0.9

		19	6.2	-0.9	0.1	0.0	0.3	-3.0	6.2	-0.9	0.1	0.0	-0.1	-0.2
		20	6.0	0.2	0.2	0.0	0.3	1.4	6.0	0.2	0.2	0.0	-0.2	0.9
		21	6.2	-1.0	-0.2	0.0	-0.3	-3.0	6.2	-1.0	-0.2	0.0	0.3	-0.2
		22	6.2	-0.4	2.2	0.0	3.9	-0.8	6.2	-0.4	2.2	0.0	-2.4	0.3
		23	6.1	-0.4	-2.2	0.0	-4.0	-0.9	6.1	-0.4	-2.2	0.0	2.4	0.3
		24	6.2	-0.4	2.0	0.0	3.6	-0.8	6.2	-0.4	2.0	0.0	-2.1	0.3
		25	6.1	-0.4	-2.0	0.0	-3.6	-0.8	6.1	-0.4	-2.0	0.0	2.2	0.4
H-7	2	1	7.8	1.8	0.0	0.0	0.0	2.3	7.8	1.8	0.0	0.0	0.0	-3.0
		2	7.9	2.5	0.6	0.0	0.9	3.1	7.9	2.5	0.6	0.0	-1.0	-4.0
		3	6.2	0.7	-0.6	0.0	-0.9	1.0	6.2	0.7	-0.6	0.0	0.9	-1.1
		4	7.9	2.4	-0.2	0.0	-0.2	3.1	7.9	2.4	-0.2	0.0	0.3	-4.0
		5	6.2	0.7	0.2	0.0	0.3	1.0	6.2	0.7	0.2	0.0	-0.4	-1.1
		6	8.0	2.5	0.5	0.0	0.6	3.2	8.0	2.5	0.5	0.0	-0.7	-4.1
		7	6.2	0.6	-0.4	0.0	-0.6	0.9	6.2	0.6	-0.4	0.0	0.6	-1.0
		8	8.0	2.5	-0.4	0.0	-0.6	3.2	8.0	2.5	-0.4	0.0	0.7	-4.2
		9	6.1	0.6	0.5	0.0	0.6	0.9	6.1	0.6	0.5	0.0	-0.8	-0.9
		10	7.4	1.9	1.5	0.0	2.0	2.4	7.4	1.9	1.5	0.0	-2.3	-3.0
		11	6.8	1.3	-1.4	0.0	-1.9	1.7	6.8	1.3	-1.4	0.0	2.2	-2.1
		12	6.9	1.3	1.3	0.0	1.8	1.8	6.9	1.3	1.3	0.0	-2.1	-2.2
		13	7.3	1.8	-1.3	0.0	-1.8	2.3	7.3	1.8	-1.3	0.0	2.1	-3.0
		14	7.3	1.8	1.5	0.0	2.0	2.4	7.3	1.8	1.5	0.0	-2.3	-3.0
		15	6.8	1.3	-1.5	0.0	-2.0	1.7	6.8	1.3	-1.5	0.0	2.3	-2.1
		16	6.8	1.3	1.5	0.0	2.0	1.7	6.8	1.3	1.5	0.0	-2.4	-2.0
		17	7.4	1.9	-1.5	0.0	-2.0	2.4	7.4	1.9	-1.5	0.0	2.3	-3.1
		18	5.2	1.8	0.2	0.0	0.3	2.2	5.2	1.8	0.2	0.0	-0.3	-2.9
		19	3.5	0.0	-0.2	0.0	-0.3	0.1	3.5	0.0	-0.2	0.0	0.3	0.0
		20	5.3	1.8	0.0	0.0	0.0	2.3	5.3	1.8	0.0	0.0	0.0	-3.0
		21	3.4	-0.1	0.0	0.0	0.0	0.0	3.4	-0.1	0.0	0.0	-0.1	0.2
		22	4.4	0.9	1.4	0.0	1.9	1.2	4.4	0.9	1.4	0.0	-2.2	-1.5
		23	4.3	0.9	-1.4	0.0	-1.9	1.1	4.3	0.9	-1.4	0.0	2.2	-1.4
		24	4.3	0.9	1.5	0.0	2.0	1.1	4.3	0.9	1.5	0.0	-2.3	-1.4
		25	4.4	0.9	-1.5	0.0	-2.0	1.2	4.4	0.9	-1.5	0.0	2.3	-1.5
H-7	1	1	17.7	0.7	0.1	0.0	0.2	0.9	17.7	0.7	0.1	0.0	-0.1	-1.3
		2	18.6	2.5	0.9	0.0	1.6	4.5	18.6	2.5	0.9	0.0	-0.9	-2.7
		3	13.7	-1.2	-0.7	0.0	-1.3	-3.0	13.7	-1.2	-0.7	0.0	0.7	0.4
		4	18.6	2.4	-0.4	0.0	-0.8	4.5	18.6	2.4	-0.4	0.0	0.5	-2.7
		5	13.7	-1.1	0.6	0.0	1.1	-2.9	13.7	-1.1	0.6	0.0	-0.7	0.4
		6	18.9	2.6	0.6	0.0	1.1	4.9	18.9	2.6	0.6	0.0	-0.7	-2.9
		7	13.4	-1.3	-0.4	0.0	-0.8	-3.3	13.4	-1.3	-0.4	0.0	0.4	0.6
		8	18.9	2.7	-0.8	0.0	-1.4	4.9	18.9	2.7	-0.8	0.0	0.9	-2.9
		9	13.4	-1.4	1.0	0.0	1.7	-3.4	13.4	-1.4	1.0	0.0	-1.1	0.6
		10	16.9	1.2	2.3	0.0	4.1	2.0	16.9	1.2	2.3	0.0	-2.6	-1.6
		11	15.4	0.1	-2.1	0.0	-3.8	-0.4	15.4	0.1	-2.1	0.0	2.3	-0.7
		12	15.5	0.1	2.2	0.0	3.9	-0.3	15.5	0.1	2.2	0.0	-2.5	-0.7

		13	16.8	1.2	-2.0	0.0	-3.6	1.8	16.8	1.2	-2.0	0.0	2.3	-1.6
		14	16.9	1.2	2.3	0.0	4.2	1.9	16.9	1.2	2.3	0.0	-2.6	-1.6
		15	15.4	0.1	-2.2	0.0	-3.9	-0.4	15.4	0.1	-2.2	0.0	2.4	-0.7
		16	15.2	0.0	2.4	0.0	4.4	-0.6	15.2	0.0	2.4	0.0	-2.8	-0.6
		17	17.0	1.3	-2.3	0.0	-4.1	2.1	17.0	1.3	-2.3	0.0	2.5	-1.7
		18	12.6	2.2	0.2	0.0	0.3	4.2	12.6	2.2	0.2	0.0	-0.2	-2.2
		19	7.6	-1.4	-0.1	0.0	-0.2	-3.2	7.6	-1.4	-0.1	0.0	0.0	0.8
		20	12.8	2.4	-0.1	0.0	-0.2	4.6	12.8	2.4	-0.1	0.0	0.1	-2.4
		21	7.4	-1.6	0.2	0.0	0.4	-3.7	7.4	-1.6	0.2	0.0	-0.3	1.0
		22	10.2	0.4	2.2	0.0	3.9	0.5	10.2	0.4	2.2	0.0	-2.5	-0.7
		23	10.1	0.4	-2.1	0.0	-3.8	0.4	10.1	0.4	-2.1	0.0	2.3	-0.7
		24	10.0	0.3	2.4	0.0	4.2	0.4	10.0	0.3	2.4	0.0	-2.7	-0.7
		25	10.2	0.5	-2.3	0.0	-4.1	0.6	10.2	0.5	-2.3	0.0	2.5	-0.7
G-7	2	1	16.8	1.2	-0.1	0.0	0.0	1.0	16.8	1.2	-0.1	0.0	0.2	-2.5
		2	14.3	2.4	0.5	0.0	0.7	2.7	14.3	2.4	0.5	0.0	-0.6	-4.3
		3	15.6	-0.2	-0.6	0.0	-0.8	-0.8	15.6	-0.2	-0.6	0.0	1.0	-0.1
		4	14.3	2.4	-0.4	0.0	-0.5	2.7	14.3	2.4	-0.4	0.0	0.7	-4.3
		5	15.6	-0.2	0.3	0.0	0.4	-0.8	15.6	-0.2	0.3	0.0	-0.4	-0.2
		6	14.2	2.5	0.4	0.0	0.6	2.9	14.2	2.5	0.4	0.0	-0.5	-4.5
		7	15.6	-0.4	-0.5	0.0	-0.6	-1.0	15.6	-0.4	-0.5	0.0	0.8	0.0
		8	14.2	2.6	-0.5	0.0	-0.6	2.9	14.2	2.6	-0.5	0.0	0.9	-4.5
		9	15.6	-0.4	0.4	0.0	0.6	-1.0	15.6	-0.4	0.4	0.0	-0.6	0.1
		10	14.7	1.5	1.4	0.0	1.9	1.5	14.7	1.5	1.4	0.0	-2.1	-2.9
		11	15.2	0.7	-1.5	0.0	-2.0	0.4	15.2	0.7	-1.5	0.0	2.4	-1.6
		12	15.1	0.7	1.4	0.0	1.9	0.4	15.1	0.7	1.4	0.0	-2.1	-1.6
		13	14.8	1.5	-1.5	0.0	-1.9	1.4	14.8	1.5	-1.5	0.0	2.4	-2.8
		14	14.7	1.5	1.4	0.0	2.0	1.5	14.7	1.5	1.4	0.0	-2.2	-2.8
		15	15.1	0.7	-1.5	0.0	-2.0	0.4	15.1	0.7	-1.5	0.0	2.5	-1.6
		16	15.1	0.6	1.4	0.0	2.0	0.3	15.1	0.6	1.4	0.0	-2.2	-1.5
		17	14.7	1.6	-1.5	0.0	-2.0	1.6	14.7	1.6	-1.5	0.0	2.5	-3.0
		18	8.2	2.0	0.0	0.0	0.1	2.4	8.2	2.0	0.0	0.0	0.0	-3.4
		19	9.5	-0.6	-0.1	0.0	-0.2	-1.1	9.5	-0.6	-0.1	0.0	0.2	0.7
		20	8.2	2.2	-0.1	0.0	0.0	2.6	8.2	2.2	-0.1	0.0	0.1	-3.6
		21	9.6	-0.8	0.0	0.0	0.0	-1.3	9.6	-0.8	0.0	0.0	0.1	0.9
		22	8.8	0.7	1.4	0.0	1.9	0.7	8.8	0.7	1.4	0.0	-2.1	-1.4
		23	8.9	0.7	-1.5	0.0	-2.0	0.6	8.9	0.7	-1.5	0.0	2.4	-1.3
		24	8.9	0.6	1.4	0.0	2.0	0.6	8.9	0.6	1.4	0.0	-2.2	-1.3
		25	8.9	0.7	-1.5	0.0	-2.0	0.7	8.9	0.7	-1.5	0.0	2.4	-1.4
G-7	1	1	32.5	-0.1	0.1	0.0	0.1	0.0	32.5	-0.1	0.1	0.0	-0.1	0.3
		2	27.5	2.0	0.8	0.0	1.4	4.1	27.5	2.0	0.8	0.0	-0.9	-1.9
		3	31.2	-2.2	-0.6	0.0	-1.2	-4.0	31.2	-2.2	-0.6	0.0	0.7	2.4
		4	27.5	2.0	-0.5	0.0	-1.0	4.0	27.5	2.0	-0.5	0.0	0.6	-1.9
		5	31.2	-2.2	0.7	0.0	1.2	-4.0	31.2	-2.2	0.7	0.0	-0.8	2.3
		6	27.3	2.2	0.7	0.0	1.2	4.4	27.3	2.2	0.7	0.0	-0.8	-2.1

7	31.4	-2.4	-0.5	0.0	-1.0	-4.4	31.4	-2.4	-0.5	0.0	0.6	2.6		
8	27.3	2.3	-0.7	0.0	-1.2	4.5	27.3	2.3	-0.7	0.0	0.8	-2.1		
9	31.4	-2.4	0.8	0.0	1.4	-4.5	31.4	-2.4	0.8	0.0	-0.9	2.6		
10	28.7	0.6	2.3	0.0	4.0	1.3	28.7	0.6	2.3	0.0	-2.5	-0.4		
11	29.9	-0.7	-2.1	0.0	-3.9	-1.3	29.9	-0.7	-2.1	0.0	2.4	0.9		
12	29.8	-0.7	2.2	0.0	4.0	-1.1	29.8	-0.7	2.2	0.0	-2.5	0.8		
13	28.8	0.5	-2.1	0.0	-3.8	1.1	28.8	0.5	-2.1	0.0	2.4	-0.4		
14	28.8	0.6	2.3	0.0	4.1	1.2	28.8	0.6	2.3	0.0	-2.6	-0.4		
15	29.9	-0.7	-2.2	0.0	-3.9	-1.2	29.9	-0.7	-2.2	0.0	2.4	0.9		
16	30.0	-0.8	2.3	0.0	4.2	-1.4	30.0	-0.8	2.3	0.0	-2.6	1.0		
17	28.7	0.7	-2.2	0.0	-4.0	1.5	28.7	0.7	-2.2	0.0	2.5	-0.5		
18	16.2	2.1	0.1	0.0	0.2	4.1	16.2	2.1	0.1	0.0	-0.1	-2.1		
19	19.9	-2.1	0.0	0.0	-0.1	-4.0	19.9	-2.1	0.0	0.0	0.0	2.2		
20	16.0	2.3	0.0	0.0	-0.1	4.5	16.0	2.3	0.0	0.0	0.0	-2.3		
21	20.1	-2.3	0.1	0.0	0.2	-4.4	20.1	-2.3	0.1	0.0	-0.1	2.4		
22	18.0	0.0	2.2	0.0	4.0	0.1	18.0	0.0	2.2	0.0	-2.5	0.0		
23	18.1	0.0	-2.1	0.0	-3.9	0.0	18.1	0.0	-2.1	0.0	2.4	0.1		
24	18.1	-0.1	2.3	0.0	4.1	-0.1	18.1	-0.1	2.3	0.0	-2.6	0.1		
25	18.0	0.1	-2.2	0.0	-4.0	0.2	18.0	0.1	-2.2	0.0	2.5	0.0		
D-7	2	1	17.4	-1.6	-0.3	0.0	-0.4	-2.0	17.4	-1.6	-0.3	0.0	0.4	2.8
		2	15.9	-0.1	-0.1	0.0	-0.2	0.0	15.9	-0.1	-0.1	0.0	0.1	0.4
		3	14.9	-2.8	-0.4	0.0	-0.5	-3.6	14.9	-2.8	-0.4	0.0	0.7	4.6
		4	16.3	-0.2	-0.6	0.0	-0.8	-0.1	16.3	-0.2	-0.6	0.0	0.9	0.4
		5	14.4	-2.8	0.0	0.0	0.0	-3.6	14.4	-2.8	0.0	0.0	-0.1	4.5
		6	15.9	0.0	-0.1	0.0	-0.2	0.1	15.9	0.0	-0.1	0.0	0.0	0.2
		7	14.9	-2.9	-0.5	0.0	-0.6	-3.7	14.9	-2.9	-0.5	0.0	0.8	4.8
		8	16.3	0.0	-0.5	0.0	-0.7	0.1	16.3	0.0	-0.5	0.0	0.8	0.2
		9	14.4	-3.0	0.0	0.0	-0.1	-3.8	14.4	-3.0	0.0	0.0	0.0	4.8
		10	14.8	-1.0	0.5	0.0	0.5	-1.2	14.8	-1.0	0.5	0.0	-0.9	1.8
		11	16.0	-1.9	-1.0	0.0	-1.2	-2.4	16.0	-1.9	-1.0	0.0	1.7	3.2
		12	14.4	-1.8	0.5	0.0	0.6	-2.3	14.4	-1.8	0.5	0.0	-1.0	3.0
		13	16.4	-1.1	-1.1	0.0	-1.3	-1.3	16.4	-1.1	-1.1	0.0	1.8	1.9
		14	14.8	-1.1	0.5	0.0	0.5	-1.3	14.8	-1.1	0.5	0.0	-0.9	1.8
		15	16.0	-1.9	-1.0	0.0	-1.2	-2.3	16.0	-1.9	-1.0	0.0	1.7	3.1
		16	14.4	-2.0	0.5	0.0	0.5	-2.4	14.4	-2.0	0.5	0.0	-0.9	3.2
		17	16.4	-1.0	-1.0	0.0	-1.3	-1.2	16.4	-1.0	-1.0	0.0	1.7	1.7
		18	9.8	0.4	-0.3	0.0	-0.4	0.6	9.8	0.4	-0.3	0.0	0.4	-0.6
		19	8.3	-2.2	-0.1	0.0	-0.1	-2.9	8.3	-2.2	-0.1	0.0	0.2	3.6
		20	9.8	0.5	-0.2	0.0	-0.3	0.8	9.8	0.5	-0.2	0.0	0.3	-0.8
		21	8.3	-2.4	-0.2	0.0	-0.2	-3.1	8.3	-2.4	-0.2	0.0	0.3	3.8
		22	8.3	-0.9	0.6	0.0	0.6	-1.1	8.3	-0.9	0.6	0.0	-1.1	1.4
		23	9.8	-1.0	-1.0	0.0	-1.2	-1.2	9.8	-1.0	-1.0	0.0	1.6	1.6
		24	8.3	-0.9	0.6	0.0	0.6	-1.2	8.3	-0.9	0.6	0.0	-1.0	1.5
		25	9.8	-0.9	-0.9	0.0	-1.1	-1.1	9.8	-0.9	-0.9	0.0	1.6	1.4



D-7	1	1	24.1	-0.3	-0.2	0.0	-0.2	-0.2	24.1	-0.3	-0.2	0.0	0.4	0.7
		2	23.1	1.8	0.3	0.0	0.7	3.8	23.1	1.8	0.3	0.0	-0.1	-1.5
		3	20.5	-2.4	-0.7	0.0	-1.1	-4.3	20.5	-2.4	-0.7	0.0	0.8	2.8
		4	24.5	1.8	-0.8	0.0	-1.4	3.8	24.5	1.8	-0.8	0.0	0.9	-1.4
		5	19.1	-2.4	0.4	0.0	1.0	-4.2	19.1	-2.4	0.4	0.0	-0.1	2.7
		6	23.1	2.0	0.4	0.0	1.0	4.2	23.1	2.0	0.4	0.0	-0.2	-1.7
		7	20.5	-2.6	-0.8	0.0	-1.4	-4.7	20.5	-2.6	-0.8	0.0	0.9	3.0
		8	24.5	2.0	-0.6	0.0	-1.1	4.3	24.5	2.0	-0.6	0.0	0.7	-1.7
		9	19.1	-2.6	0.2	0.0	0.6	-4.7	19.1	-2.6	0.2	0.0	0.0	3.0
		10	20.0	0.4	1.5	0.0	3.3	1.1	20.0	0.4	1.5	0.0	-1.2	0.0
		11	23.6	-1.0	-1.9	0.0	-3.7	-1.5	23.6	-1.0	-1.9	0.0	2.0	1.3
		12	18.8	-0.9	1.6	0.0	3.4	-1.3	18.8	-0.9	1.6	0.0	-1.2	1.2
		13	24.8	0.3	-2.0	0.0	-3.8	0.9	24.8	0.3	-2.0	0.0	2.0	0.1
		14	20.0	0.3	1.5	0.0	3.2	1.0	20.0	0.3	1.5	0.0	-1.2	0.0
		15	23.6	-1.0	-1.9	0.0	-3.7	-1.5	23.6	-1.0	-1.9	0.0	1.9	1.3
		16	18.8	-1.0	1.5	0.0	3.1	-1.7	18.8	-1.0	1.5	0.0	-1.1	1.4
		17	24.8	0.4	-1.9	0.0	-3.5	1.2	24.8	0.4	-1.9	0.0	1.9	-0.1
		18	15.5	1.9	-0.2	0.0	-0.3	3.8	15.5	1.9	-0.2	0.0	0.3	-1.6
		19	11.5	-2.3	-0.1	0.0	0.0	-4.2	11.5	-2.3	-0.1	0.0	0.2	2.6
		20	15.5	2.1	0.0	0.0	0.0	4.3	15.5	2.1	0.0	0.0	0.1	-1.8
		21	11.5	-2.5	-0.2	0.0	-0.3	-4.6	11.5	-2.5	-0.2	0.0	0.3	2.8
		22	11.1	-0.2	1.6	0.0	3.4	-0.1	11.1	-0.2	1.6	0.0	-1.4	0.4
		23	15.9	-0.3	-1.9	0.0	-3.7	-0.3	15.9	-0.3	-1.9	0.0	1.8	0.5
		24	11.2	-0.3	1.6	0.0	3.2	-0.3	11.2	-0.3	1.6	0.0	-1.3	0.5
		25	15.9	-0.2	-1.8	0.0	-3.5	-0.1	15.9	-0.2	-1.8	0.0	1.8	0.4
B-7	2	1	7.8	-1.3	0.1	0.0	0.1	-1.0	7.8	-1.3	0.1	0.0	-0.1	2.8
		2	6.2	-0.3	0.3	0.0	0.4	0.2	6.2	-0.3	0.3	0.0	-0.5	1.0
		3	7.9	-2.0	-0.2	0.0	-0.2	-2.0	7.9	-2.0	-0.2	0.0	0.3	3.9
		4	6.2	-0.3	-0.6	0.0	-0.9	0.1	6.2	-0.3	-0.6	0.0	1.0	1.0
		5	7.9	-2.0	0.8	0.0	1.1	-2.0	7.9	-2.0	0.8	0.0	-1.1	3.8
		6	6.2	-0.2	0.5	0.0	0.7	0.2	6.2	-0.2	0.5	0.0	-0.8	0.9
		7	7.9	-2.1	-0.4	0.0	-0.5	-2.1	7.9	-2.1	-0.4	0.0	0.7	4.0
		8	6.1	-0.2	-0.4	0.0	-0.5	0.3	6.1	-0.2	-0.4	0.0	0.5	0.8
		9	8.0	-2.1	0.5	0.0	0.7	-2.1	8.0	-2.1	0.5	0.0	-0.7	4.0
		10	6.8	-0.9	1.5	0.0	2.1	-0.6	6.8	-0.9	1.5	0.0	-2.4	2.0
		11	7.3	-1.4	-1.4	0.0	-1.9	-1.3	7.3	-1.4	-1.4	0.0	2.2	2.9
		12	7.3	-1.4	1.7	0.0	2.3	-1.2	7.3	-1.4	1.7	0.0	-2.6	2.8
		13	6.8	-0.9	-1.6	0.0	-2.1	-0.6	6.8	-0.9	-1.6	0.0	2.4	2.0
		14	6.8	-0.9	1.5	0.0	2.1	-0.6	6.8	-0.9	1.5	0.0	-2.3	2.0
		15	7.3	-1.4	-1.4	0.0	-1.9	-1.2	7.3	-1.4	-1.4	0.0	2.2	2.9
		16	7.4	-1.5	1.5	0.0	2.1	-1.3	7.4	-1.5	1.5	0.0	-2.3	2.9
17	6.7	-0.8	-1.4	0.0	-1.9	-0.5	6.7	-0.8	-1.4	0.0	2.1	1.9		
18	3.5	0.2	-0.2	0.0	-0.3	0.5	3.5	0.2	-0.2	0.0	0.3	-0.1		
19	5.2	-1.5	0.3	0.0	0.4	-1.6	5.2	-1.5	0.3	0.0	-0.4	2.8		
20	3.5	0.3	0.1	0.0	0.1	0.7	3.5	0.3	0.1	0.0	-0.1	-0.2		

		21	5.3	-1.6	0.0	0.0	0.1	-1.7	5.3	-1.6	0.0	0.0	0.0	2.9
		22	4.4	-0.6	1.6	0.0	2.2	-0.5	4.4	-0.6	1.6	0.0	-2.4	1.3
		23	4.4	-0.7	-1.5	0.0	-2.1	-0.6	4.4	-0.7	-1.5	0.0	2.4	1.4
		24	4.4	-0.7	1.5	0.0	2.0	-0.6	4.4	-0.7	1.5	0.0	-2.3	1.4
		25	4.3	-0.6	-1.4	0.0	-1.9	-0.5	4.3	-0.6	-1.4	0.0	2.2	1.3
B-7	1	1	10.7	0.3	0.0	0.0	-0.1	0.4	10.7	0.3	0.0	0.0	0.1	-0.6
		2	7.6	2.1	0.5	0.0	0.8	4.1	7.6	2.1	0.5	0.0	-0.5	-2.0
		3	12.4	-1.5	-0.5	0.0	-0.9	-3.3	12.4	-1.5	-0.5	0.0	0.6	1.0
		4	7.6	2.1	-0.9	0.0	-1.6	4.0	7.6	2.1	-0.9	0.0	0.9	-2.0
		5	12.4	-1.5	0.8	0.0	1.4	-3.3	12.4	-1.5	0.8	0.0	-0.8	1.0
		6	7.3	2.3	0.8	0.0	1.4	4.4	7.3	2.3	0.8	0.0	-0.9	-2.2
		7	12.6	-1.7	-0.8	0.0	-1.5	-3.7	12.6	-1.7	-0.8	0.0	1.0	1.2
		8	7.3	2.3	-0.4	0.0	-0.8	4.5	7.3	2.3	-0.4	0.0	0.5	-2.2
		9	12.7	-1.7	0.4	0.0	0.7	-3.8	12.7	-1.7	0.4	0.0	-0.4	1.2
		10	9.2	0.9	2.1	0.0	3.8	1.5	9.2	0.9	2.1	0.0	-2.3	-1.0
		11	10.8	-0.3	-2.2	0.0	-4.0	-0.8	10.8	-0.3	-2.2	0.0	2.5	0.0
		12	10.7	-0.2	2.2	0.0	4.0	-0.7	10.7	-0.2	2.2	0.0	-2.4	-0.1
		13	9.3	0.8	-2.3	0.0	-4.1	1.4	9.3	0.8	-2.3	0.0	2.5	-0.9
		14	9.3	0.8	2.0	0.0	3.7	1.5	9.3	0.8	2.0	0.0	-2.2	-1.0
		15	10.7	-0.3	-2.1	0.0	-3.8	-0.8	10.7	-0.3	-2.1	0.0	2.3	0.0
		16	10.9	-0.3	1.9	0.0	3.5	-1.0	10.9	-0.3	1.9	0.0	-2.1	0.0
		17	9.1	0.9	-2.0	0.0	-3.6	1.7	9.1	0.9	-2.0	0.0	2.2	-1.0
		18	4.2	1.9	-0.2	0.0	-0.3	3.9	4.2	1.9	-0.2	0.0	0.2	-1.8
		19	9.0	-1.6	0.1	0.0	0.3	-3.5	9.0	-1.6	0.1	0.0	-0.1	1.3
		20	3.9	2.1	0.2	0.0	0.3	4.3	3.9	2.1	0.2	0.0	-0.2	-2.0
		21	9.2	-1.8	-0.2	0.0	-0.4	-3.9	9.2	-1.8	-0.2	0.0	0.3	1.4
		22	6.5	0.2	2.2	0.0	4.0	0.3	6.5	0.2	2.2	0.0	-2.4	-0.3
		23	6.6	0.1	-2.2	0.0	-4.0	0.1	6.6	0.1	-2.2	0.0	2.5	-0.2
		24	6.6	0.1	2.0	0.0	3.6	0.1	6.6	0.1	2.0	0.0	-2.2	-0.2
		25	6.5	0.2	-2.0	0.0	-3.7	0.3	6.5	0.2	-2.0	0.0	2.2	-0.3
H-6	2	1	6.1	1.5	0.0	0.0	-0.1	2.1	6.1	1.5	0.0	0.0	0.0	-2.2
		2	6.4	2.1	0.6	0.0	0.8	2.9	6.4	2.1	0.6	0.0	-1.0	-3.4
		3	4.8	0.5	-0.7	0.0	-1.0	0.8	4.8	0.5	-0.7	0.0	0.9	-0.5
		4	6.4	2.1	-0.2	0.0	-0.3	2.8	6.4	2.1	-0.2	0.0	0.3	-3.3
		5	4.8	0.5	0.2	0.0	0.1	0.9	4.8	0.5	0.2	0.0	-0.4	-0.6
		6	6.6	2.3	0.4	0.0	0.5	3.0	6.6	2.3	0.4	0.0	-0.7	-3.6
		7	4.6	0.3	-0.5	0.0	-0.7	0.7	4.6	0.3	-0.5	0.0	0.6	-0.3
		8	6.6	2.3	-0.5	0.0	-0.7	3.0	6.6	2.3	-0.5	0.0	0.7	-3.6
		9	4.6	0.3	0.4	0.0	0.5	0.7	4.6	0.3	0.4	0.0	-0.7	-0.3
		10	5.9	1.6	1.4	0.0	1.9	2.2	5.9	1.6	1.4	0.0	-2.3	-2.4
		11	5.3	1.0	-1.5	0.0	-2.0	1.5	5.3	1.0	-1.5	0.0	2.2	-1.5
		12	5.4	1.1	1.3	0.0	1.7	1.6	5.4	1.1	1.3	0.0	-2.1	-1.6
		13	5.8	1.5	-1.4	0.0	-1.9	2.1	5.8	1.5	-1.4	0.0	2.1	-2.3
		14	5.9	1.6	1.5	0.0	1.9	2.2	5.9	1.6	1.5	0.0	-2.3	-2.4

		15	5.4	1.1	-1.5	0.0	-2.1	1.5	5.4	1.1	-1.5	0.0	2.3	-1.5
		16	5.3	1.0	1.5	0.0	1.9	1.5	5.3	1.0	1.5	0.0	-2.3	-1.4
		17	5.9	1.6	-1.5	0.0	-2.1	2.2	5.9	1.6	-1.5	0.0	2.3	-2.5
		18	4.4	1.6	0.2	0.0	0.3	2.1	4.4	1.6	0.2	0.0	-0.3	-2.5
		19	2.8	-0.1	-0.2	0.0	-0.4	0.1	2.8	-0.1	-0.2	0.0	0.3	0.3
		20	4.6	1.7	0.0	0.0	0.0	2.3	4.6	1.7	0.0	0.0	0.0	-2.8
		21	2.6	-0.2	0.0	0.0	-0.1	-0.1	2.6	-0.2	0.0	0.0	0.0	0.5
		22	3.6	0.8	1.4	0.0	1.8	1.1	3.6	0.8	1.4	0.0	-2.2	-1.2
		23	3.6	0.7	-1.4	0.0	-1.9	1.0	3.6	0.7	-1.4	0.0	2.2	-1.0
		24	3.6	0.7	1.5	0.0	1.9	1.1	3.6	0.7	1.5	0.0	-2.3	-1.0
		25	3.6	0.8	-1.5	0.0	-2.0	1.1	3.6	0.8	-1.5	0.0	2.3	-1.2
H-6	1	1	16.5	0.8	0.0	0.0	0.1	0.9	16.5	0.8	0.0	0.0	0.0	-1.4
		2	17.6	2.5	0.8	0.0	1.5	4.5	17.6	2.5	0.8	0.0	-0.8	-2.8
		3	12.6	-1.1	-0.8	0.0	-1.3	-2.9	12.6	-1.1	-0.8	0.0	0.9	0.3
		4	17.5	2.5	-0.5	0.0	-0.8	4.4	17.5	2.5	-0.5	0.0	0.6	-2.8
		5	12.7	-1.1	0.5	0.0	1.0	-2.8	12.7	-1.1	0.5	0.0	-0.6	0.3
		6	18.0	2.8	0.5	0.0	1.0	5.0	18.0	2.8	0.5	0.0	-0.5	-3.1
		7	12.2	-1.4	-0.5	0.0	-0.9	-3.4	12.2	-1.4	-0.5	0.0	0.6	0.6
		8	18.0	2.8	-0.9	0.0	-1.5	5.1	18.0	2.8	-0.9	0.0	1.0	-3.2
		9	12.2	-1.4	0.9	0.0	1.6	-3.6	12.2	-1.4	0.9	0.0	-1.0	0.6
		10	16.0	1.3	2.2	0.0	4.0	2.0	16.0	1.3	2.2	0.0	-2.4	-1.8
		11	14.3	0.1	-2.2	0.0	-3.9	-0.4	14.3	0.1	-2.2	0.0	2.5	-0.8
		12	14.5	0.2	2.1	0.0	3.8	-0.2	14.5	0.2	2.1	0.0	-2.3	-0.8
		13	15.7	1.2	-2.1	0.0	-3.7	1.8	15.7	1.2	-2.1	0.0	2.4	-1.7
		14	15.9	1.2	2.3	0.0	4.1	1.9	15.9	1.2	2.3	0.0	-2.5	-1.7
		15	14.3	0.2	-2.2	0.0	-4.0	-0.3	14.3	0.2	-2.2	0.0	2.5	-0.8
		16	14.1	0.0	2.4	0.0	4.3	-0.7	14.1	0.0	2.4	0.0	-2.6	-0.6
		17	16.1	1.4	-2.3	0.0	-4.2	2.3	16.1	1.4	-2.3	0.0	2.7	-1.9
		18	12.1	2.2	0.1	0.0	0.3	4.1	12.1	2.2	0.1	0.0	-0.1	-2.3
		19	7.2	-1.3	-0.1	0.0	-0.2	-3.1	7.2	-1.3	-0.1	0.0	0.1	0.8
		20	12.5	2.5	-0.2	0.0	-0.3	4.8	12.5	2.5	-0.2	0.0	0.2	-2.6
		21	6.7	-1.7	0.2	0.0	0.3	-3.8	6.7	-1.7	0.2	0.0	-0.2	1.1
		22	9.7	0.5	2.1	0.0	3.9	0.6	9.7	0.5	2.1	0.0	-2.4	-0.8
		23	9.5	0.4	-2.1	0.0	-3.8	0.4	9.5	0.4	-2.1	0.0	2.4	-0.7
		24	9.5	0.3	2.3	0.0	4.2	0.3	9.5	0.3	2.3	0.0	-2.6	-0.7
		25	9.7	0.5	-2.3	0.0	-4.1	0.7	9.7	0.5	-2.3	0.0	2.6	-0.9
G-6	2	1	6.5	-1.4	0.0	0.0	-0.2	-1.9	6.5	-1.4	0.0	0.0	-0.2	2.0
		2	5.1	-0.4	0.5	0.0	0.5	-0.7	5.1	-0.4	0.5	0.0	-1.0	0.4
		3	6.8	-2.1	-0.5	0.0	-0.9	-2.8	6.8	-2.1	-0.5	0.0	0.6	3.2
		4	5.1	-0.4	-0.4	0.0	-0.7	-0.7	5.1	-0.4	-0.4	0.0	0.4	0.4
		5	6.8	-2.0	0.3	0.0	0.2	-2.7	6.8	-2.0	0.3	0.0	-0.7	3.2
		6	5.0	-0.2	0.4	0.0	0.3	-0.5	5.0	-0.2	0.4	0.0	-0.8	0.1
		7	6.9	-2.2	-0.4	0.0	-0.8	-2.9	6.9	-2.2	-0.4	0.0	0.5	3.4
		8	5.0	-0.2	-0.5	0.0	-0.8	-0.5	5.0	-0.2	-0.5	0.0	0.5	0.1

		9	6.9	-2.2	0.4	0.0	0.4	-2.9	6.9	-2.2	0.4	0.0	-0.9	3.5
		10	5.7	-0.9	1.4	0.0	1.7	-1.4	5.7	-0.9	1.4	0.0	-2.4	1.3
		11	6.2	-1.5	-1.5	0.0	-2.2	-2.1	6.2	-1.5	-1.5	0.0	2.1	2.3
		12	6.2	-1.4	1.4	0.0	1.7	-2.0	6.2	-1.4	1.4	0.0	-2.4	2.1
		13	5.7	-1.0	-1.4	0.0	-2.1	-1.5	5.7	-1.0	-1.4	0.0	2.0	1.4
		14	5.7	-1.0	1.4	0.0	1.7	-1.4	5.7	-1.0	1.4	0.0	-2.4	1.4
		15	6.2	-1.5	-1.5	0.0	-2.2	-2.0	6.2	-1.5	-1.5	0.0	2.1	2.2
		16	6.3	-1.5	1.5	0.0	1.7	-2.1	6.3	-1.5	1.5	0.0	-2.5	2.3
		17	5.6	-0.9	-1.5	0.0	-2.2	-1.3	5.6	-0.9	-1.5	0.0	2.1	1.2
		18	3.0	0.1	0.1	0.0	0.0	0.0	3.0	0.1	0.1	0.0	-0.2	-0.4
		19	4.6	-1.5	-0.1	0.0	-0.3	-2.0	4.6	-1.5	-0.1	0.0	0.0	2.4
		20	2.8	0.3	0.0	0.0	-0.2	0.2	2.8	0.3	0.0	0.0	-0.1	-0.6
		21	4.7	-1.7	0.0	0.0	-0.1	-2.2	4.7	-1.7	0.0	0.0	-0.1	2.7
		22	3.8	-0.7	1.4	0.0	1.8	-1.0	3.8	-0.7	1.4	0.0	-2.3	1.0
		23	3.8	-0.7	-1.5	0.0	-2.1	-1.1	3.8	-0.7	-1.5	0.0	2.1	1.1
		24	3.8	-0.7	1.4	0.0	1.8	-1.1	3.8	-0.7	1.4	0.0	-2.4	1.1
		25	3.7	-0.7	-1.5	0.0	-2.1	-1.0	3.7	-0.7	-1.5	0.0	2.2	0.9
G-6	1	1	19.6	-0.6	-0.3	0.0	-0.2	-0.5	19.6	-0.6	-0.3	0.0	0.5	1.2
		2	15.4	1.3	0.5	0.0	1.1	3.2	15.4	1.3	0.5	0.0	-0.3	-0.5
		3	20.3	-2.3	-0.9	0.0	-1.5	-4.2	20.3	-2.3	-0.9	0.0	1.2	2.7
		4	15.5	1.2	-0.8	0.0	-1.3	3.1	15.5	1.2	-0.8	0.0	1.2	-0.5
		5	20.2	-2.3	0.4	0.0	0.9	-4.1	20.2	-2.3	0.4	0.0	-0.2	2.7
		6	15.0	1.5	0.4	0.0	0.9	3.8	15.0	1.5	0.4	0.0	-0.2	-0.8
		7	20.7	-2.6	-0.8	0.0	-1.3	-4.7	20.7	-2.6	-0.8	0.0	1.1	3.0
		8	15.0	1.6	-1.0	0.0	-1.5	3.9	15.0	1.6	-1.0	0.0	1.3	-0.8
		9	20.7	-2.7	0.5	0.0	1.1	-4.9	20.7	-2.7	0.5	0.0	-0.4	3.0
		10	17.0	0.0	2.0	0.0	3.7	0.7	17.0	0.0	2.0	0.0	-2.0	0.6
		11	18.8	-1.1	-2.4	0.0	-4.2	-1.7	18.8	-1.1	-2.4	0.0	2.9	1.6
		12	18.4	-1.0	1.9	0.0	3.7	-1.5	18.4	-1.0	1.9	0.0	-2.0	1.5
		13	17.3	0.0	-2.4	0.0	-4.1	0.5	17.3	0.0	-2.4	0.0	2.9	0.6
		14	17.1	0.0	2.0	0.0	3.8	0.6	17.1	0.0	2.0	0.0	-2.1	0.6
		15	18.7	-1.1	-2.5	0.0	-4.2	-1.6	18.7	-1.1	-2.5	0.0	3.0	1.6
		16	18.8	-1.3	2.0	0.0	3.9	-2.0	18.8	-1.3	2.0	0.0	-2.1	1.8
		17	17.0	0.2	-2.5	0.0	-4.3	1.0	17.0	0.2	-2.5	0.0	3.0	0.4
		18	8.9	1.5	-0.1	0.0	0.0	3.3	8.9	1.5	-0.1	0.0	0.3	-0.9
		19	13.7	-2.1	-0.2	0.0	-0.2	-3.9	13.7	-2.1	-0.2	0.0	0.3	2.3
		20	8.4	1.8	-0.2	0.0	-0.3	4.0	8.4	1.8	-0.2	0.0	0.4	-1.2
		21	14.1	-2.5	-0.1	0.0	0.0	-4.6	14.1	-2.5	-0.1	0.0	0.2	2.6
		22	11.1	-0.3	2.0	0.0	3.8	-0.2	11.1	-0.3	2.0	0.0	-2.2	0.6
		23	11.4	-0.4	-2.3	0.0	-4.1	-0.4	11.4	-0.4	-2.3	0.0	2.8	0.7
		24	11.3	-0.4	2.1	0.0	3.9	-0.5	11.3	-0.4	2.1	0.0	-2.2	0.8
		25	11.2	-0.2	-2.4	0.0	-4.2	-0.1	11.2	-0.2	-2.4	0.0	2.8	0.6
D-6	2	1	6.7	1.3	0.0	0.0	-0.4	1.5	6.7	1.3	0.0	0.0	-0.2	-2.2
		2	7.0	2.0	0.3	0.0	0.1	2.4	7.0	2.0	0.3	0.0	-0.7	-3.3

3	5.3	0.3	-0.4	0.0	-0.8	0.3	5.3	0.3	-0.4	0.0	0.4	-0.5		
4	6.9	1.9	-0.6	0.0	-1.1	2.3	6.9	1.9	-0.6	0.0	0.7	-3.3		
5	5.4	0.3	0.5	0.0	0.5	0.3	5.4	0.3	0.5	0.0	-1.1	-0.5		
6	7.1	2.1	0.4	0.0	0.3	2.5	7.1	2.1	0.4	0.0	-0.9	-3.5		
7	5.2	0.1	-0.5	0.0	-0.9	0.1	5.2	0.1	-0.5	0.0	0.5	-0.3		
8	7.1	2.1	-0.5	0.0	-0.9	2.5	7.1	2.1	-0.5	0.0	0.5	-3.6		
9	5.2	0.1	0.4	0.0	0.3	0.1	5.2	0.1	0.4	0.0	-0.8	-0.2		
10	6.5	1.4	1.4	0.0	1.7	1.7	6.5	1.4	1.4	0.0	-2.5	-2.4		
11	5.8	0.8	-1.6	0.0	-2.4	1.0	5.8	0.8	-1.6	0.0	2.1	-1.4		
12	6.0	0.9	1.5	0.0	1.8	1.1	6.0	0.9	1.5	0.0	-2.6	-1.5		
13	6.3	1.3	-1.6	0.0	-2.5	1.6	6.3	1.3	-1.6	0.0	2.2	-2.3		
14	6.4	1.4	1.4	0.0	1.7	1.6	6.4	1.4	1.4	0.0	-2.4	-2.3		
15	5.8	0.9	-1.5	0.0	-2.3	1.0	5.8	0.9	-1.5	0.0	2.1	-1.5		
16	5.9	0.8	1.4	0.0	1.7	0.9	5.9	0.8	1.4	0.0	-2.4	-1.3		
17	6.4	1.4	-1.5	0.0	-2.3	1.7	6.4	1.4	-1.5	0.0	2.1	-2.5		
18	4.7	1.5	-0.2	0.0	-0.4	1.8	4.7	1.5	-0.2	0.0	0.1	-2.5		
19	3.1	-0.2	0.1	0.0	0.0	-0.2	3.1	-0.2	0.1	0.0	-0.3	0.3		
20	4.8	1.6	0.0	0.0	-0.2	2.0	4.8	1.6	0.0	0.0	-0.1	-2.7		
21	2.9	-0.3	0.0	0.0	-0.2	-0.4	2.9	-0.3	0.0	0.0	-0.1	0.6		
22	4.0	0.7	1.5	0.0	1.9	0.8	4.0	0.7	1.5	0.0	-2.5	-1.1		
23	3.8	0.6	-1.6	0.0	-2.3	0.7	3.8	0.6	-1.6	0.0	2.3	-1.0		
24	3.9	0.6	1.4	0.0	1.8	0.7	3.9	0.6	1.4	0.0	-2.4	-1.0		
25	3.9	0.7	-1.5	0.0	-2.2	0.8	3.9	0.7	-1.5	0.0	2.2	-1.1		
D-6	1	1	17.4	0.3	-0.5	0.0	-0.5	0.4	17.4	0.3	-0.5	0.0	0.8	-0.5
		2	18.4	2.1	0.2	0.0	0.6	4.0	18.4	2.1	0.2	0.0	0.1	-2.1
		3	13.5	-1.5	-1.0	0.0	-1.5	-3.3	13.5	-1.5	-1.0	0.0	1.5	1.1
		4	18.3	2.1	-1.2	0.0	-1.8	4.0	18.3	2.1	-1.2	0.0	1.6	-2.1
		5	13.7	-1.5	0.3	0.0	0.9	-3.2	13.7	-1.5	0.3	0.0	-0.1	1.1
		6	18.8	2.4	0.4	0.0	0.9	4.6	18.8	2.4	0.4	0.0	-0.1	-2.4
		7	13.1	-1.8	-1.2	0.0	-1.8	-3.9	13.1	-1.8	-1.2	0.0	1.7	1.4
		8	18.8	2.4	-0.9	0.0	-1.4	4.7	18.8	2.4	-0.9	0.0	1.3	-2.4
		9	13.1	-1.9	0.1	0.0	0.5	-4.0	13.1	-1.9	0.1	0.0	0.2	1.4
		10	16.9	0.9	1.8	0.0	3.6	1.6	16.9	0.9	1.8	0.0	-1.8	-1.0
		11	15.0	-0.3	-2.7	0.0	-4.4	-0.8	15.0	-0.3	-2.7	0.0	3.3	0.0
		12	15.5	-0.2	1.9	0.0	3.7	-0.6	15.5	-0.2	1.9	0.0	-1.8	-0.1
		13	16.4	0.8	-2.7	0.0	-4.5	1.3	16.4	0.8	-2.7	0.0	3.4	-0.9
		14	16.9	0.8	1.8	0.0	3.5	1.5	16.9	0.8	1.8	0.0	-1.7	-1.0
		15	15.1	-0.3	-2.6	0.0	-4.4	-0.7	15.1	-0.3	-2.6	0.0	3.3	0.0
		16	15.2	-0.4	1.7	0.0	3.4	-1.1	15.2	-0.4	1.7	0.0	-1.6	0.2
		17	16.8	1.0	-2.5	0.0	-4.3	1.8	16.8	1.0	-2.5	0.0	3.2	-1.1
		18	12.6	2.0	-0.3	0.0	-0.4	3.9	12.6	2.0	-0.3	0.0	0.5	-1.9
		19	7.8	-1.6	-0.2	0.0	-0.1	-3.4	7.8	-1.6	-0.2	0.0	0.4	1.3
		20	13.1	2.3	-0.1	0.0	-0.1	4.5	13.1	2.3	-0.1	0.0	0.3	-2.2
		21	7.4	-1.9	-0.4	0.0	-0.5	-4.1	7.4	-1.9	-0.4	0.0	0.6	1.6
		22	10.5	0.2	2.0	0.0	3.8	0.3	10.5	0.2	2.0	0.0	-2.1	-0.4

		23	10.0	0.1	-2.5	0.0	-4.3	0.1	10.0	0.1	-2.5	0.0	3.0	-0.3
		24	10.2	0.1	1.9	0.0	3.6	0.0	10.2	0.1	1.9	0.0	-2.0	-0.2
		25	10.2	0.3	-2.4	0.0	-4.2	0.4	10.2	0.3	-2.4	0.0	2.9	-0.4
B-6	2	1	6.0	-1.2	0.0	0.0	-0.1	-1.4	6.0	-1.2	0.0	0.0	0.0	2.1
		2	4.7	-0.2	0.2	0.0	0.1	-0.2	4.7	-0.2	0.2	0.0	-0.4	0.4
		3	6.4	-1.9	-0.2	0.0	-0.3	-2.3	6.4	-1.9	-0.2	0.0	0.3	3.2
		4	4.7	-0.2	-0.7	0.0	-1.1	-0.3	4.7	-0.2	-0.7	0.0	1.1	0.4
		5	6.4	-1.9	0.7	0.0	0.9	-2.2	6.4	-1.9	0.7	0.0	-1.1	3.2
		6	4.6	-0.1	0.4	0.0	0.4	-0.1	4.6	-0.1	0.4	0.0	-0.7	0.2
		7	6.5	-2.0	-0.4	0.0	-0.6	-2.4	6.5	-2.0	-0.4	0.0	0.7	3.5
		8	4.5	-0.1	-0.5	0.0	-0.7	-0.1	4.5	-0.1	-0.5	0.0	0.6	0.2
		9	6.5	-2.1	0.4	0.0	0.5	-2.5	6.5	-2.1	0.4	0.0	-0.6	3.5
		10	5.3	-0.8	1.4	0.0	1.8	-0.9	5.3	-0.8	1.4	0.0	-2.3	1.3
		11	5.8	-1.4	-1.5	0.0	-2.0	-1.6	5.8	-1.4	-1.5	0.0	2.2	2.3
		12	5.8	-1.3	1.6	0.0	2.0	-1.5	5.8	-1.3	1.6	0.0	-2.5	2.2
		13	5.3	-0.9	-1.6	0.0	-2.3	-1.0	5.3	-0.9	-1.6	0.0	2.5	1.5
		14	5.3	-0.8	1.4	0.0	1.8	-1.0	5.3	-0.8	1.4	0.0	-2.2	1.4
		15	5.8	-1.3	-1.4	0.0	-2.0	-1.6	5.8	-1.3	-1.4	0.0	2.2	2.2
		16	5.9	-1.4	1.4	0.0	1.8	-1.7	5.9	-1.4	1.4	0.0	-2.2	2.4
		17	5.2	-0.7	-1.4	0.0	-2.0	-0.9	5.2	-0.7	-1.4	0.0	2.2	1.3
		18	2.7	0.2	-0.3	0.0	-0.5	0.3	2.7	0.2	-0.3	0.0	0.4	-0.4
		19	4.4	-1.4	0.2	0.0	0.3	-1.7	4.4	-1.4	0.2	0.0	-0.4	2.4
		20	2.6	0.4	0.0	0.0	-0.1	0.4	2.6	0.4	0.0	0.0	0.0	-0.6
		21	4.5	-1.6	0.0	0.0	0.0	-1.9	4.5	-1.6	0.0	0.0	0.0	2.7
		22	3.5	-0.6	1.5	0.0	2.0	-0.7	3.5	-0.6	1.5	0.0	-2.4	1.0
		23	3.6	-0.7	-1.5	0.0	-2.1	-0.8	3.6	-0.7	-1.5	0.0	2.4	1.1
		24	3.6	-0.7	1.4	0.0	1.8	-0.8	3.6	-0.7	1.4	0.0	-2.2	1.1
		25	3.5	-0.6	-1.4	0.0	-2.0	-0.7	3.5	-0.6	-1.4	0.0	2.2	1.0
B-6	1	1	12.7	-0.2	-0.2	0.0	-0.3	-0.1	12.7	-0.2	-0.2	0.0	0.4	0.5
		2	9.4	1.6	0.3	0.0	0.7	3.5	9.4	1.6	0.3	0.0	-0.2	-1.2
		3	14.3	-2.0	-0.7	0.0	-1.2	-3.8	14.3	-2.0	-0.7	0.0	1.0	2.0
		4	9.4	1.6	-1.0	0.0	-1.8	3.5	9.4	1.6	-1.0	0.0	1.3	-1.1
		5	14.3	-2.0	0.6	0.0	1.3	-3.7	14.3	-2.0	0.6	0.0	-0.5	2.0
		6	9.0	1.9	0.6	0.0	1.2	4.1	9.0	1.9	0.6	0.0	-0.6	-1.4
		7	14.7	-2.3	-1.1	0.0	-1.7	-4.4	14.7	-2.3	-1.1	0.0	1.3	2.3
		8	8.9	1.9	-0.6	0.0	-1.0	4.2	8.9	1.9	-0.6	0.0	0.8	-1.5
		9	14.8	-2.3	0.2	0.0	0.5	-4.5	14.8	-2.3	0.2	0.0	0.0	2.3
		10	11.0	0.4	2.0	0.0	3.7	1.1	11.0	0.4	2.0	0.0	-2.1	-0.1
		11	12.6	-0.8	-2.4	0.0	-4.2	-1.3	12.6	-0.8	-2.4	0.0	2.8	0.9
		12	12.5	-0.7	2.1	0.0	3.9	-1.1	12.5	-0.7	2.1	0.0	-2.1	0.9
		13	11.2	0.3	-2.5	0.0	-4.4	0.8	11.2	0.3	-2.5	0.0	2.9	0.0
		14	11.1	0.3	1.9	0.0	3.6	1.0	11.1	0.3	1.9	0.0	-2.0	0.0
		15	12.5	-0.7	-2.3	0.0	-4.1	-1.2	12.5	-0.7	-2.3	0.0	2.7	0.9
		16	12.9	-0.9	1.8	0.0	3.3	-1.6	12.9	-0.9	1.8	0.0	-1.8	1.1

		17	10.8	0.5	-2.2	0.0	-3.9	1.4	10.8	0.5	-2.2	0.0	2.6	-0.2
		18	5.3	1.6	-0.3	0.0	-0.5	3.5	5.3	1.6	-0.3	0.0	0.4	-1.3
		19	10.2	-1.9	0.0	0.0	0.2	-3.7	10.2	-1.9	0.0	0.0	0.1	1.9
		20	4.8	2.0	0.1	0.0	0.2	4.2	4.8	2.0	0.1	0.0	-0.1	-1.6
		21	10.6	-2.2	-0.3	0.0	-0.5	-4.4	10.6	-2.2	-0.3	0.0	0.5	2.1
		22	7.7	-0.1	2.1	0.0	3.9	0.0	7.7	-0.1	2.1	0.0	-2.3	0.3
		23	7.8	-0.2	-2.4	0.0	-4.2	-0.2	7.8	-0.2	-2.4	0.0	2.7	0.3
		24	7.9	-0.2	1.9	0.0	3.6	-0.3	7.9	-0.2	1.9	0.0	-2.1	0.4
		25	7.6	0.0	-2.2	0.0	-3.9	0.1	7.6	0.0	-2.2	0.0	2.5	0.2
H-4	2	1	3.7	0.5	0.0	0.0	0.0	0.6	3.7	0.5	0.0	0.0	-0.1	-0.8
		2	4.2	1.2	0.7	0.0	0.9	1.3	4.2	1.2	0.7	0.0	-1.0	-2.0
		3	2.8	-0.3	-0.6	0.0	-0.9	-0.3	2.8	-0.3	-0.6	0.0	0.9	0.5
		4	4.2	1.1	-0.2	0.0	-0.2	1.3	4.2	1.1	-0.2	0.0	0.3	-2.0
		5	2.8	-0.3	0.2	0.0	0.3	-0.3	2.8	-0.3	0.2	0.0	-0.4	0.5
		6	4.4	1.3	0.5	0.0	0.7	1.5	4.4	1.3	0.5	0.0	-0.7	-2.3
		7	2.7	-0.5	-0.4	0.0	-0.6	-0.5	2.7	-0.5	-0.4	0.0	0.6	0.8
		8	4.5	1.3	-0.4	0.0	-0.6	1.5	4.5	1.3	-0.4	0.0	0.7	-2.4
		9	2.6	-0.5	0.5	0.0	0.6	-0.5	2.6	-0.5	0.5	0.0	-0.8	0.9
		10	3.7	0.7	1.5	0.0	2.1	0.8	3.7	0.7	1.5	0.0	-2.4	-1.2
		11	3.3	0.2	-1.5	0.0	-2.0	0.2	3.3	0.2	-1.5	0.0	2.3	-0.3
		12	3.3	0.3	1.4	0.0	1.9	0.3	3.3	0.3	1.4	0.0	-2.2	-0.5
		13	3.7	0.6	-1.3	0.0	-1.8	0.7	3.7	0.6	-1.3	0.0	2.1	-1.0
		14	3.7	0.7	1.6	0.0	2.1	0.8	3.7	0.7	1.6	0.0	-2.4	-1.1
		15	3.4	0.2	-1.5	0.0	-2.0	0.2	3.4	0.2	-1.5	0.0	2.3	-0.4
		16	3.2	0.1	1.6	0.0	2.1	0.2	3.2	0.1	1.6	0.0	-2.4	-0.2
		17	3.9	0.7	-1.5	0.0	-2.0	0.8	3.9	0.7	-1.5	0.0	2.3	-1.3
		18	3.2	1.0	0.2	0.0	0.3	1.1	3.2	1.0	0.2	0.0	-0.3	-1.7
		19	1.8	-0.5	-0.2	0.0	-0.3	-0.5	1.8	-0.5	-0.2	0.0	0.3	0.8
		20	3.4	1.1	0.0	0.0	0.0	1.3	3.4	1.1	0.0	0.0	0.0	-2.0
		21	1.6	-0.6	0.0	0.0	0.0	-0.8	1.6	-0.6	0.0	0.0	-0.1	1.1
		22	2.5	0.3	1.4	0.0	2.0	0.3	2.5	0.3	1.4	0.0	-2.2	-0.5
		23	2.5	0.2	-1.4	0.0	-1.9	0.2	2.5	0.2	-1.4	0.0	2.2	-0.4
		24	2.4	0.2	1.5	0.0	2.1	0.2	2.4	0.2	1.5	0.0	-2.4	-0.4
		25	2.6	0.3	-1.5	0.0	-2.1	0.3	2.6	0.3	-1.5	0.0	2.3	-0.5
H-4	1	1	18.6	0.1	0.1	0.0	0.2	0.2	18.6	0.1	0.1	0.0	-0.1	-0.2
		2	19.3	1.8	0.9	0.0	1.6	3.7	19.3	1.8	0.9	0.0	-1.0	-1.6
		3	15.1	-1.6	-0.7	0.0	-1.3	-3.4	15.1	-1.6	-0.7	0.0	0.7	1.4
		4	19.3	1.8	-0.4	0.0	-0.8	3.6	19.3	1.8	-0.4	0.0	0.5	-1.6
		5	15.1	-1.6	0.6	0.0	1.1	-3.3	15.1	-1.6	0.6	0.0	-0.7	1.4
		6	19.8	2.2	0.6	0.0	1.1	4.4	19.8	2.2	0.6	0.0	-0.7	-1.9
		7	14.6	-2.0	-0.4	0.0	-0.8	-4.2	14.6	-2.0	-0.4	0.0	0.5	1.7
		8	20.0	2.3	-0.8	0.0	-1.4	4.6	20.0	2.3	-0.8	0.0	0.9	-2.0
		9	14.4	-2.1	1.0	0.0	1.7	-4.3	14.4	-2.1	1.0	0.0	-1.1	1.8
		10	17.7	0.7	2.3	0.0	4.1	1.3	17.7	0.7	2.3	0.0	-2.6	-0.6

		11	16.7	-0.5	-2.1	0.0	-3.8	-1.1	16.7	-0.5	-2.1	0.0	2.4	0.4
		12	16.5	-0.4	2.2	0.0	4.0	-0.8	16.5	-0.4	2.2	0.0	-2.6	0.3
		13	17.9	0.5	-2.1	0.0	-3.7	1.0	17.9	0.5	-2.1	0.0	2.3	-0.5
		14	17.6	0.6	2.4	0.0	4.3	1.2	17.6	0.6	2.4	0.0	-2.7	-0.5
		15	16.8	-0.4	-2.2	0.0	-4.0	-0.9	16.8	-0.4	-2.2	0.0	2.5	0.3
		16	16.0	-0.7	2.5	0.0	4.4	-1.5	16.0	-0.7	2.5	0.0	-2.9	0.6
		17	18.4	0.9	-2.3	0.0	-4.1	1.7	18.4	0.9	-2.3	0.0	2.6	-0.8
		18	13.2	1.7	0.2	0.0	0.3	3.5	13.2	1.7	0.2	0.0	-0.2	-1.5
		19	9.0	-1.7	-0.1	0.0	-0.2	-3.4	9.0	-1.7	-0.1	0.0	0.1	1.5
		20	13.8	2.2	-0.1	0.0	-0.2	4.4	13.8	2.2	-0.1	0.0	0.2	-1.9
		21	8.4	-2.1	0.2	0.0	0.4	-4.3	8.4	-2.1	0.2	0.0	-0.3	1.9
		22	11.0	0.1	2.2	0.0	4.0	0.2	11.0	0.1	2.2	0.0	-2.5	-0.1
		23	11.2	0.0	-2.1	0.0	-3.8	-0.1	11.2	0.0	-2.1	0.0	2.4	0.0
		24	10.7	-0.1	2.4	0.0	4.3	-0.2	10.7	-0.1	2.4	0.0	-2.7	0.1
		25	11.5	0.2	-2.3	0.0	-4.1	0.3	11.5	0.2	-2.3	0.0	2.6	-0.1
G-4	2	1	5.9	0.1	0.2	0.0	0.5	0.0	5.9	0.1	0.2	0.0	-0.2	-0.2
		2	5.6	1.6	0.7	0.0	1.2	2.1	5.6	1.6	0.7	0.0	-0.9	-2.6
		3	5.5	-1.5	-0.3	0.0	-0.3	-2.2	5.5	-1.5	-0.3	0.0	0.7	2.2
		4	5.6	1.6	-0.2	0.0	0.0	2.0	5.6	1.6	-0.2	0.0	0.4	-2.5
		5	5.4	-1.5	0.6	0.0	0.9	-2.1	5.4	-1.5	0.6	0.0	-0.7	2.2
		6	5.6	2.0	0.6	0.0	1.0	2.6	5.6	2.0	0.6	0.0	-0.8	-3.1
		7	5.4	-1.9	-0.2	0.0	-0.1	-2.6	5.4	-1.9	-0.2	0.0	0.5	2.8
		8	5.7	2.0	-0.3	0.0	-0.2	2.7	5.7	2.0	-0.3	0.0	0.6	-3.2
		9	5.4	-1.9	0.7	0.0	1.1	-2.7	5.4	-1.9	0.7	0.0	-0.9	2.9
		10	5.5	0.6	1.7	0.0	2.5	0.7	5.5	0.6	1.7	0.0	-2.5	-1.0
		11	5.6	-0.5	-1.3	0.0	-1.6	-0.8	5.6	-0.5	-1.3	0.0	2.2	0.7
		12	5.4	-0.3	1.6	0.0	2.4	-0.5	5.4	-0.3	1.6	0.0	-2.4	0.4
		13	5.6	0.4	-1.2	0.0	-1.5	0.5	5.6	0.4	-1.2	0.0	2.1	-0.8
		14	5.5	0.5	1.7	0.0	2.5	0.6	5.5	0.5	1.7	0.0	-2.5	-0.9
		15	5.6	-0.4	-1.3	0.0	-1.6	-0.7	5.6	-0.4	-1.3	0.0	2.2	0.6
		16	5.4	-0.6	1.7	0.0	2.5	-1.0	5.4	-0.6	1.7	0.0	-2.5	0.9
		17	5.6	0.7	-1.3	0.0	-1.6	0.9	5.6	0.7	-1.3	0.0	2.2	-1.3
		18	3.8	1.6	0.2	0.0	0.4	2.1	3.8	1.6	0.2	0.0	-0.2	-2.5
		19	3.6	-1.5	0.0	0.0	0.2	-2.1	3.6	-1.5	0.0	0.0	0.0	2.3
		20	3.8	2.0	0.1	0.0	0.3	2.6	3.8	2.0	0.1	0.0	-0.1	-3.1
		21	3.6	-1.9	0.1	0.0	0.3	-2.7	3.6	-1.9	0.1	0.0	-0.1	2.9
		22	3.7	0.1	1.6	0.0	2.2	0.1	3.7	0.1	1.6	0.0	-2.4	-0.2
		23	3.8	-0.1	-1.3	0.0	-1.7	-0.1	3.8	-0.1	-1.3	0.0	2.2	0.0
		24	3.7	-0.1	1.6	0.0	2.3	-0.2	3.7	-0.1	1.6	0.0	-2.4	0.1
		25	3.8	0.1	-1.4	0.0	-1.7	0.1	3.8	0.1	-1.4	0.0	2.3	-0.3
G-4	1	1	22.6	-0.1	0.3	0.0	0.4	-0.1	22.6	-0.1	0.3	0.0	-0.6	0.3
		2	20.8	2.2	1.0	0.0	1.6	4.0	20.8	2.2	1.0	0.0	-1.3	-2.3
		3	20.6	-2.3	-0.4	0.0	-0.9	-4.1	20.6	-2.3	-0.4	0.0	0.2	2.7
		4	21.0	2.1	-0.3	0.0	-0.7	3.9	21.0	2.1	-0.3	0.0	0.1	-2.2



5	20.4	-2.3	0.9	0.0	1.4	-4.0	20.4	-2.3	0.9	0.0	-1.3	2.7
6	20.9	2.7	0.9	0.0	1.4	4.9	20.9	2.7	0.9	0.0	-1.2	-2.8
7	20.6	-2.8	-0.3	0.0	-0.8	-5.0	20.6	-2.8	-0.3	0.0	0.1	3.3
8	21.1	2.8	-0.4	0.0	-1.0	5.1	21.1	2.8	-0.4	0.0	0.3	-3.0
9	20.4	-3.0	1.1	0.0	1.7	-5.2	20.4	-3.0	1.1	0.0	-1.4	3.4
10	20.5	0.7	2.5	0.0	4.3	1.3	20.5	0.7	2.5	0.0	-3.0	-0.6
11	21.0	-0.8	-1.9	0.0	-3.6	-1.4	21.0	-0.8	-1.9	0.0	1.9	1.1
12	20.4	-0.7	2.5	0.0	4.2	-1.1	20.4	-0.7	2.5	0.0	-3.0	0.9
13	21.1	0.5	-1.9	0.0	-3.6	1.0	21.1	0.5	-1.9	0.0	1.9	-0.4
14	20.5	0.6	2.5	0.0	4.4	1.1	20.5	0.6	2.5	0.0	-3.1	-0.5
15	21.0	-0.7	-1.9	0.0	-3.7	-1.2	21.0	-0.7	-1.9	0.0	2.0	0.9
16	20.3	-1.1	2.6	0.0	4.4	-1.9	20.3	-1.1	2.6	0.0	-3.1	1.4
17	21.1	0.9	-2.0	0.0	-3.8	1.8	21.1	0.9	-2.0	0.0	2.0	-0.9
18	13.4	2.2	0.2	0.0	0.3	4.0	13.4	2.2	0.2	0.0	-0.4	-2.4
19	13.0	-2.3	0.1	0.0	0.1	-4.0	13.0	-2.3	0.1	0.0	-0.3	2.6
20	13.4	2.8	0.1	0.0	0.1	5.1	13.4	2.8	0.1	0.0	-0.3	-3.0
21	12.9	-2.9	0.3	0.0	0.3	-5.1	12.9	-2.9	0.3	0.0	-0.4	3.3
22	12.9	0.0	2.4	0.0	4.1	0.1	12.9	0.0	2.4	0.0	-2.8	0.1
23	13.5	-0.1	-2.0	0.0	-3.7	-0.2	13.5	-0.1	-2.0	0.0	2.1	0.2
24	12.9	-0.2	2.5	0.0	4.3	-0.4	12.9	-0.2	2.5	0.0	-2.9	0.4
25	13.5	0.1	-2.1	0.0	-3.8	0.3	13.5	0.1	-2.1	0.0	2.2	-0.1

E-4

2

1	5.5	0.1	0.9	0.0	2.6	0.0	5.5	0.1	0.9	0.0	-0.1	-0.1
2	4.8	1.7	1.1	0.0	2.7	2.2	4.8	1.7	1.1	0.0	-0.5	-2.6
3	5.4	-1.6	0.6	0.0	2.1	-2.2	5.4	-1.6	0.6	0.0	0.3	2.4
4	5.3	1.6	0.6	0.0	2.0	2.1	5.3	1.6	0.6	0.0	0.4	-2.5
5	4.9	-1.5	1.1	0.0	2.7	-2.1	4.9	-1.5	1.1	0.0	-0.5	2.3
6	4.8	2.0	1.1	0.0	2.7	2.7	4.8	2.0	1.1	0.0	-0.5	-3.2
7	5.4	-1.9	0.6	0.0	2.1	-2.6	5.4	-1.9	0.6	0.0	0.3	2.9
8	5.3	2.1	0.6	0.0	2.0	2.8	5.3	2.1	0.6	0.0	0.3	-3.3
9	4.9	-2.0	1.1	0.0	2.7	-2.7	4.9	-2.0	1.1	0.0	-0.5	3.0
10	4.3	0.6	1.7	0.0	3.5	0.8	4.3	0.6	1.7	0.0	-1.4	-1.0
11	5.9	-0.5	0.0	0.0	1.3	-0.8	5.9	-0.5	0.0	0.0	1.3	0.8
12	4.3	-0.3	1.7	0.0	3.5	-0.5	4.3	-0.3	1.7	0.0	-1.5	0.5
13	5.9	0.4	0.0	0.0	1.2	0.5	5.9	0.4	0.0	0.0	1.3	-0.7
14	4.3	0.5	1.7	0.0	3.5	0.7	4.3	0.5	1.7	0.0	-1.4	-0.9
15	5.9	-0.4	0.0	0.0	1.3	-0.6	5.9	-0.4	0.0	0.0	1.3	0.7
16	4.3	-0.7	1.7	0.0	3.5	-0.9	4.3	-0.7	1.7	0.0	-1.4	1.0
17	5.9	0.8	0.0	0.0	1.3	1.0	5.9	0.8	0.0	0.0	1.3	-1.2
18	3.3	1.6	0.5	0.0	1.5	2.2	3.3	1.6	0.5	0.0	0.0	-2.5
19	3.4	-1.6	0.5	0.0	1.5	-2.1	3.4	-1.6	0.5	0.0	0.0	2.4
20	3.3	2.0	0.5	0.0	1.5	2.7	3.3	2.0	0.5	0.0	0.0	-3.2
21	3.4	-2.0	0.5	0.0	1.5	-2.7	3.4	-2.0	0.5	0.0	0.0	3.0
22	2.5	0.1	1.4	0.0	2.6	0.2	2.5	0.1	1.4	0.0	-1.4	-0.2
23	4.2	-0.1	-0.3	0.0	0.4	-0.1	4.2	-0.1	-0.3	0.0	1.4	0.1
24	2.5	-0.1	1.4	0.0	2.6	-0.1	2.5	-0.1	1.4	0.0	-1.4	0.1

		25	4.2	0.1	-0.3	0.0	0.4	0.2	4.2	0.1	-0.3	0.0	1.3	-0.2
E-4	1	1	23.0	0.0	2.0	0.0	2.0	0.0	23.0	0.0	2.0	0.0	-3.7	0.1
		2	20.5	2.2	2.4	0.0	2.9	4.1	20.5	2.2	2.4	0.0	-4.0	-2.4
		3	21.8	-2.3	1.2	0.0	0.8	-4.1	21.8	-2.3	1.2	0.0	-2.8	2.6
		4	21.8	2.2	1.2	0.0	0.7	4.0	21.8	2.2	1.2	0.0	-2.8	-2.4
		5	20.5	-2.2	2.4	0.0	3.0	-4.0	20.5	-2.2	2.4	0.0	-4.0	2.6
		6	20.4	2.7	2.4	0.0	3.0	5.0	20.4	2.7	2.4	0.0	-4.0	-3.0
		7	21.8	-2.8	1.2	0.0	0.7	-5.0	21.8	-2.8	1.2	0.0	-2.8	3.2
		8	21.7	2.8	1.2	0.0	0.8	5.2	21.7	2.8	1.2	0.0	-2.9	-3.1
		9	20.5	-2.9	2.3	0.0	2.9	-5.2	20.5	-2.9	2.3	0.0	-3.9	3.3
		10	19.0	0.7	3.7	0.0	5.5	1.4	19.0	0.7	3.7	0.0	-5.3	-0.7
		11	23.3	-0.8	-0.1	0.0	-1.8	-1.4	23.3	-0.8	-0.1	0.0	-1.5	0.9
		12	19.0	-0.6	3.7	0.0	5.5	-1.0	19.0	-0.6	3.7	0.0	-5.3	0.8
		13	23.3	0.5	-0.1	0.0	-1.8	1.1	23.3	0.5	-0.1	0.0	-1.5	-0.6
		14	19.0	0.6	3.7	0.0	5.5	1.2	19.0	0.6	3.7	0.0	-5.3	-0.6
		15	23.3	-0.7	-0.1	0.0	-1.8	-1.2	23.3	-0.7	-0.1	0.0	-1.5	0.8
		16	19.0	-1.1	3.7	0.0	5.5	-1.8	19.0	-1.1	3.7	0.0	-5.3	1.3
		17	23.3	1.0	-0.1	0.0	-1.8	1.9	23.3	1.0	-0.1	0.0	-1.5	-1.1
		18	13.5	2.2	1.1	0.0	1.2	4.0	13.5	2.2	1.1	0.0	-2.2	-2.4
		19	13.5	-2.2	1.2	0.0	1.2	-4.0	13.5	-2.2	1.2	0.0	-2.2	2.6
		20	13.5	2.8	1.2	0.0	1.2	5.1	13.5	2.8	1.2	0.0	-2.2	-3.1
		21	13.6	-2.8	1.1	0.0	1.1	-5.1	13.6	-2.8	1.1	0.0	-2.1	3.2
		22	11.3	0.1	3.1	0.0	4.9	0.2	11.3	0.1	3.1	0.0	-4.1	0.0
		23	15.7	-0.1	-0.8	0.0	-2.5	-0.2	15.7	-0.1	-0.8	0.0	-0.2	0.2
		24	11.4	-0.2	3.0	0.0	4.8	-0.3	11.4	-0.2	3.0	0.0	-4.1	0.3
		25	15.7	0.2	-0.8	0.0	-2.5	0.3	15.7	0.2	-0.8	0.0	-0.2	-0.2
D-4	2	1	5.8	0.2	0.3	0.0	0.6	0.6	5.8	0.2	0.3	0.0	-0.2	-0.1
		2	5.4	1.8	0.6	0.0	0.9	2.6	5.4	1.8	0.6	0.0	-0.7	-2.5
		3	5.5	-1.4	-0.1	0.0	0.1	-1.6	5.5	-1.4	-0.1	0.0	0.4	2.3
		4	5.4	1.7	-0.3	0.0	-0.3	2.5	5.4	1.7	-0.3	0.0	0.7	-2.4
		5	5.5	-1.3	0.8	0.0	1.3	-1.5	5.5	-1.3	0.8	0.0	-1.0	2.2
		6	5.4	2.1	0.7	0.0	1.1	3.1	5.4	2.1	0.7	0.0	-0.9	-3.0
		7	5.5	-1.7	-0.2	0.0	-0.1	-2.1	5.5	-1.7	-0.2	0.0	0.6	2.9
		8	5.4	2.2	-0.2	0.0	-0.1	3.2	5.4	2.2	-0.2	0.0	0.5	-3.1
		9	5.5	-1.8	0.7	0.0	1.1	-2.2	5.5	-1.8	0.7	0.0	-0.8	2.9
		10	5.4	0.8	1.7	0.0	2.5	1.3	5.4	0.8	1.7	0.0	-2.5	-0.9
		11	5.5	-0.4	-1.3	0.0	-1.5	-0.3	5.5	-0.4	-1.3	0.0	2.2	0.8
		12	5.4	-0.1	1.8	0.0	2.6	0.0	5.4	-0.1	1.8	0.0	-2.6	0.5
		13	5.5	0.6	-1.3	0.0	-1.6	1.0	5.5	0.6	-1.3	0.0	2.3	-0.6
		14	5.4	0.7	1.7	0.0	2.5	1.2	5.4	0.7	1.7	0.0	-2.4	-0.8
		15	5.5	-0.3	-1.2	0.0	-1.4	-0.2	5.5	-0.3	-1.2	0.0	2.1	0.7
		16	5.4	-0.5	1.7	0.0	2.5	-0.4	5.4	-0.5	1.7	0.0	-2.4	1.0
		17	5.5	0.9	-1.2	0.0	-1.4	1.4	5.5	0.9	-1.2	0.0	2.1	-1.1
		18	3.6	1.6	0.0	0.0	0.1	2.4	3.6	1.6	0.0	0.0	0.1	-2.4

		19	3.7	-1.4	0.3	0.0	0.5	-1.8	3.7	-1.4	0.3	0.0	-0.3	2.3
		20	3.6	2.0	0.2	0.0	0.3	2.9	3.6	2.0	0.2	0.0	-0.1	-3.0
		21	3.7	-1.8	0.1	0.0	0.3	-2.4	3.7	-1.8	0.1	0.0	-0.1	2.9
		22	3.6	0.2	1.7	0.0	2.4	0.4	3.6	0.2	1.7	0.0	-2.5	-0.2
		23	3.7	0.0	-1.4	0.0	-1.7	0.1	3.7	0.0	-1.4	0.0	2.3	0.1
		24	3.6	0.0	1.6	0.0	2.3	0.2	3.6	0.0	1.6	0.0	-2.4	0.1
		25	3.7	0.2	-1.3	0.0	-1.6	0.4	3.7	0.2	-1.3	0.0	2.2	-0.2
D-4	1	1	22.9	0.4	0.3	0.0	0.3	0.5	22.9	0.4	0.3	0.0	-0.5	-0.7
		2	20.8	2.6	0.8	0.0	1.3	4.5	20.8	2.6	0.8	0.0	-1.2	-3.1
		3	21.3	-1.9	-0.3	0.0	-0.8	-3.7	21.3	-1.9	-0.3	0.0	0.2	1.9
		4	21.0	2.5	-0.5	0.0	-1.1	4.4	21.0	2.5	-0.5	0.0	0.3	-3.1
		5	21.1	-1.8	1.0	0.0	1.6	-3.6	21.1	-1.8	1.0	0.0	-1.3	1.8
		6	20.7	3.1	1.0	0.0	1.6	5.4	20.7	3.1	1.0	0.0	-1.4	-3.7
		7	21.3	-2.4	-0.5	0.0	-1.1	-4.6	21.3	-2.4	-0.5	0.0	0.4	2.5
		8	20.9	3.2	-0.3	0.0	-0.7	5.6	20.9	3.2	-0.3	0.0	0.1	-3.8
		9	21.1	-2.5	0.8	0.0	1.2	-4.8	21.1	-2.5	0.8	0.0	-1.1	2.6
		10	20.6	1.1	2.5	0.0	4.2	1.8	20.6	1.1	2.5	0.0	-3.0	-1.5
		11	21.4	-0.4	-1.9	0.0	-3.7	-1.0	21.4	-0.4	-1.9	0.0	2.0	0.2
		12	20.7	-0.2	2.5	0.0	4.3	-0.6	20.7	-0.2	2.5	0.0	-3.0	0.0
		13	21.3	0.9	-2.0	0.0	-3.8	1.4	21.3	0.9	-2.0	0.0	2.0	-1.3
		14	20.6	1.0	2.4	0.0	4.2	1.6	20.6	1.0	2.4	0.0	-2.9	-1.4
		15	21.4	-0.3	-1.9	0.0	-3.6	-0.8	21.4	-0.3	-1.9	0.0	1.9	0.1
		16	20.8	-0.7	2.4	0.0	4.0	-1.4	20.8	-0.7	2.4	0.0	-2.9	0.5
		17	21.3	1.4	-1.8	0.0	-3.5	2.3	21.3	1.4	-1.8	0.0	1.8	-1.8
		18	13.2	2.4	0.1	0.0	0.0	4.3	13.2	2.4	0.1	0.0	-0.3	-2.8
		19	13.5	-2.0	0.2	0.0	0.3	-3.8	13.5	-2.0	0.2	0.0	-0.4	2.1
		20	13.2	3.0	0.3	0.0	0.4	5.3	13.2	3.0	0.3	0.0	-0.5	-3.5
		21	13.6	-2.6	0.1	0.0	0.0	-4.8	13.6	-2.6	0.1	0.0	-0.2	2.8
		22	13.0	0.3	2.4	0.0	4.2	0.4	13.0	0.3	2.4	0.0	-2.8	-0.5
		23	13.7	0.1	-2.1	0.0	-3.8	0.1	13.7	0.1	-2.1	0.0	2.2	-0.2
		24	13.1	0.0	2.3	0.0	4.0	-0.1	13.1	0.0	2.3	0.0	-2.7	-0.2
		25	13.7	0.4	-2.0	0.0	-3.7	0.6	13.7	0.4	-2.0	0.0	2.1	-0.6
B-4	2	1	3.5	-0.4	0.1	0.0	0.2	-0.5	3.5	-0.4	0.1	0.0	-0.1	0.7
		2	2.7	0.4	0.3	0.0	0.4	0.4	2.7	0.4	0.3	0.0	-0.4	-0.7
		3	4.2	-1.1	-0.1	0.0	-0.1	-1.3	4.2	-1.1	-0.1	0.0	0.3	1.9
		4	2.8	0.3	-0.7	0.0	-0.9	0.4	2.8	0.3	-0.7	0.0	1.0	-0.6
		5	4.1	-1.1	0.8	0.0	1.2	-1.2	4.1	-1.1	0.8	0.0	-1.2	1.8
		6	2.5	0.5	0.5	0.0	0.7	0.6	2.5	0.5	0.5	0.0	-0.8	-0.9
		7	4.3	-1.2	-0.4	0.0	-0.4	-1.4	4.3	-1.2	-0.4	0.0	0.6	2.2
		8	2.5	0.6	-0.4	0.0	-0.5	0.6	2.5	0.6	-0.4	0.0	0.6	-1.0
		9	4.3	-1.3	0.5	0.0	0.8	-1.5	4.3	-1.3	0.5	0.0	-0.7	2.2
		10	3.1	-0.1	1.6	0.0	2.1	-0.1	3.1	-0.1	1.6	0.0	-2.4	0.2
		11	3.7	-0.6	-1.4	0.0	-1.9	-0.7	3.7	-0.6	-1.4	0.0	2.2	1.1
		12	3.5	-0.5	1.7	0.0	2.4	-0.6	3.5	-0.5	1.7	0.0	-2.6	0.9

		13	3.3	-0.2	-1.6	0.0	-2.1	-0.2	3.3	-0.2	-1.6	0.0	2.4	0.3
		14	3.1	-0.1	1.5	0.0	2.1	-0.1	3.1	-0.1	1.5	0.0	-2.3	0.2
		15	3.7	-0.6	-1.4	0.0	-1.8	-0.7	3.7	-0.6	-1.4	0.0	2.1	1.0
		16	3.7	-0.7	1.5	0.0	2.1	-0.8	3.7	-0.7	1.5	0.0	-2.3	1.2
		17	3.2	0.0	-1.4	0.0	-1.9	-0.1	3.2	0.0	-1.4	0.0	2.1	0.1
		18	1.7	0.5	-0.2	0.0	-0.3	0.6	1.7	0.5	-0.2	0.0	0.3	-0.9
		19	3.1	-0.9	0.3	0.0	0.5	-1.0	3.1	-0.9	0.3	0.0	-0.4	1.6
		20	1.5	0.7	0.0	0.0	0.0	0.8	1.5	0.7	0.0	0.0	-0.1	-1.2
		21	3.3	-1.1	0.0	0.0	0.1	-1.2	3.3	-1.1	0.0	0.0	0.0	2.0
		22	2.3	-0.2	1.6	0.0	2.2	-0.1	2.3	-0.2	1.6	0.0	-2.5	0.3
		23	2.5	-0.3	-1.5	0.0	-2.1	-0.3	2.5	-0.3	-1.5	0.0	2.4	0.5
		24	2.4	-0.2	1.5	0.0	2.0	-0.3	2.4	-0.2	1.5	0.0	-2.3	0.5
		25	2.4	-0.2	-1.4	0.0	-1.9	-0.2	2.4	-0.2	-1.4	0.0	2.2	0.3
B-4	1	1	18.3	-0.1	-0.1	0.0	-0.1	-0.1	18.3	-0.1	-0.1	0.0	0.1	0.3
		2	14.7	1.6	0.5	0.0	0.8	3.5	14.7	1.6	0.5	0.0	-0.6	-1.3
		3	19.1	-1.8	-0.6	0.0	-1.0	-3.5	19.1	-1.8	-0.6	0.0	0.7	1.7
		4	14.9	1.6	-0.9	0.0	-1.6	3.4	14.9	1.6	-0.9	0.0	1.0	-1.3
		5	18.9	-1.7	0.8	0.0	1.4	-3.5	18.9	-1.7	0.8	0.0	-0.8	1.7
		6	14.2	2.0	0.8	0.0	1.4	4.3	14.2	2.0	0.8	0.0	-0.9	-1.6
		7	19.6	-2.2	-0.9	0.0	-1.6	-4.3	19.6	-2.2	-0.9	0.0	1.1	2.0
		8	14.2	2.1	-0.5	0.0	-0.8	4.4	14.2	2.1	-0.5	0.0	0.5	-1.7
		9	19.6	-2.3	0.3	0.0	0.7	-4.5	19.6	-2.3	0.3	0.0	-0.3	2.1
		10	15.9	0.5	2.2	0.0	3.9	1.2	15.9	0.5	2.2	0.0	-2.5	-0.3
		11	17.9	-0.6	-2.3	0.0	-4.1	-1.2	17.9	-0.6	-2.3	0.0	2.6	0.7
		12	17.2	-0.5	2.3	0.0	4.1	-0.9	17.2	-0.5	2.3	0.0	-2.5	0.6
		13	16.6	0.4	-2.4	0.0	-4.3	0.9	16.6	0.4	-2.4	0.0	2.7	-0.2
		14	16.0	0.4	2.1	0.0	3.8	1.0	16.0	0.4	2.1	0.0	-2.4	-0.2
		15	17.8	-0.6	-2.2	0.0	-4.0	-1.1	17.8	-0.6	-2.2	0.0	2.5	0.6
		16	17.6	-0.9	2.0	0.0	3.6	-1.6	17.6	-0.9	2.0	0.0	-2.2	0.9
		17	16.1	0.7	-2.1	0.0	-3.7	1.6	16.1	0.7	-2.1	0.0	2.4	-0.5
		18	8.8	1.7	-0.2	0.0	-0.4	3.5	8.8	1.7	-0.2	0.0	0.2	-1.4
		19	13.0	-1.7	0.1	0.0	0.3	-3.5	13.0	-1.7	0.1	0.0	-0.1	1.5
		20	8.2	2.1	0.2	0.0	0.3	4.4	8.2	2.1	0.2	0.0	-0.2	-1.8
		21	13.6	-2.2	-0.3	0.0	-0.4	-4.4	13.6	-2.2	-0.3	0.0	0.3	1.9
		22	10.6	0.0	2.2	0.0	4.0	0.2	10.6	0.0	2.2	0.0	-2.5	0.0
		23	11.3	-0.1	-2.3	0.0	-4.1	-0.1	11.3	-0.1	-2.3	0.0	2.6	0.1
		24	10.9	-0.2	2.1	0.0	3.7	-0.3	10.9	-0.2	2.1	0.0	-2.3	0.2
		25	11.0	0.1	-2.1	0.0	-3.8	0.3	11.0	0.1	-2.1	0.0	2.4	-0.1
H-2	2	1	2.9	0.6	0.3	0.0	0.5	0.9	2.9	0.6	0.3	0.0	-0.3	-0.8
		2	3.8	1.2	0.6	0.0	0.9	1.6	3.8	1.2	0.6	0.0	-0.9	-1.9
		3	1.8	-0.1	-0.1	0.0	0.0	0.1	1.8	-0.1	-0.1	0.0	0.2	0.5
		4	3.3	1.1	0.2	0.0	0.4	1.5	3.3	1.1	0.2	0.0	-0.1	-1.8
		5	2.3	-0.1	0.3	0.0	0.5	0.2	2.3	-0.1	0.3	0.0	-0.5	0.5
		6	3.9	1.4	0.5	0.0	0.8	1.8	3.9	1.4	0.5	0.0	-0.7	-2.3

7	1.7	-0.3	0.0	0.0	0.1	-0.1	1.7	-0.3	0.0	0.0	0.1	0.9
8	3.5	1.4	0.1	0.0	0.3	1.8	3.5	1.4	0.1	0.0	0.1	-2.3
9	2.2	-0.4	0.5	0.0	0.6	-0.2	2.2	-0.4	0.5	0.0	-0.7	1.0
10	3.9	0.8	1.0	0.0	1.3	1.1	3.9	0.8	1.0	0.0	-1.6	-1.1
11	1.8	0.3	-0.5	0.0	-0.4	0.5	1.8	0.3	-0.5	0.0	1.0	-0.2
12	3.4	0.4	0.9	0.0	1.2	0.7	3.4	0.4	0.9	0.0	-1.5	-0.4
13	2.3	0.6	-0.4	0.0	-0.3	0.9	2.3	0.6	-0.4	0.0	0.9	-0.9
14	3.8	0.7	1.0	0.0	1.3	1.1	3.8	0.7	1.0	0.0	-1.7	-1.1
15	1.8	0.3	-0.5	0.0	-0.4	0.6	1.8	0.3	-0.5	0.0	1.0	-0.3
16	3.3	0.2	1.0	0.0	1.2	0.5	3.3	0.2	1.0	0.0	-1.7	-0.1
17	2.4	0.8	-0.5	0.0	-0.4	1.2	2.4	0.8	-0.5	0.0	1.0	-1.3
18	2.8	1.0	0.3	0.0	0.5	1.2	2.8	1.0	0.3	0.0	-0.4	-1.6
19	1.3	-0.3	0.0	0.0	0.1	-0.2	1.3	-0.3	0.0	0.0	0.0	0.7
20	2.9	1.2	0.2	0.0	0.4	1.5	2.9	1.2	0.2	0.0	-0.2	-2.1
21	1.1	-0.6	0.2	0.0	0.2	-0.5	1.1	-0.6	0.2	0.0	-0.2	1.2
22	2.8	0.4	0.9	0.0	1.1	0.6	2.8	0.4	0.9	0.0	-1.5	-0.5
23	1.2	0.3	-0.5	0.0	-0.5	0.4	1.2	0.3	-0.5	0.0	1.0	-0.3
24	2.7	0.3	0.9	0.0	1.1	0.5	2.7	0.3	0.9	0.0	-1.6	-0.3
25	1.3	0.4	-0.6	0.0	-0.5	0.6	1.3	0.4	-0.6	0.0	1.1	-0.5

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1	8.9	0.3	0.3	0.0	0.4	0.4	8.9	0.3	0.3	0.0	-0.6	-0.6
2	11.3	2.0	0.9	0.0	1.6	3.8	11.3	2.0	0.9	0.0	-1.0	-2.0
3	5.4	-1.4	-0.3	0.0	-0.9	-3.1	5.4	-1.4	-0.3	0.0	0.0	0.9
4	9.9	1.9	-0.1	0.0	-0.4	3.7	9.9	1.9	-0.1	0.0	-0.1	-2.0
5	6.9	-1.3	0.7	0.0	1.2	-3.0	6.9	-1.3	0.7	0.0	-1.0	0.9
6	11.7	2.5	0.7	0.0	1.2	4.8	11.7	2.5	0.7	0.0	-0.9	-2.5
7	5.1	-1.9	-0.1	0.0	-0.5	-4.1	5.1	-1.9	-0.1	0.0	-0.2	1.3
8	10.3	2.6	-0.4	0.0	-1.0	5.0	10.3	2.6	-0.4	0.0	0.1	-2.6
9	6.4	-2.0	1.0	0.0	1.7	-4.3	6.4	-2.0	1.0	0.0	-1.2	1.5
10	11.5	0.9	2.0	0.0	3.8	1.5	11.5	0.9	2.0	0.0	-2.1	-1.1
11	5.3	-0.3	-1.4	0.0	-3.1	-0.8	5.3	-0.3	-1.4	0.0	1.0	-0.1
12	10.1	-0.1	2.0	0.0	3.7	-0.5	10.1	-0.1	2.0	0.0	-2.1	-0.2
13	6.6	0.7	-1.4	0.0	-3.0	1.2	6.6	0.7	-1.4	0.0	1.0	-1.0
14	11.4	0.8	2.1	0.0	3.9	1.3	11.4	0.8	2.1	0.0	-2.2	-1.0
15	5.3	-0.2	-1.5	0.0	-3.2	-0.6	5.3	-0.2	-1.5	0.0	1.1	-0.2
16	9.8	-0.5	2.2	0.0	4.1	-1.4	9.8	-0.5	2.2	0.0	-2.3	0.2
17	6.9	1.2	-1.6	0.0	-3.4	2.1	6.9	1.2	-1.6	0.0	1.2	-1.3
18	7.9	1.8	0.3	0.0	0.4	3.6	7.9	1.8	0.3	0.0	-0.4	-1.8
19	3.4	-1.5	0.1	0.0	0.0	-3.2	3.4	-1.5	0.1	0.0	-0.3	1.1
20	8.3	2.4	0.0	0.0	0.0	4.7	8.3	2.4	0.0	0.0	-0.2	-2.3
21	3.0	-2.0	0.3	0.0	0.5	-4.3	3.0	-2.0	0.3	0.0	-0.5	1.6
22	8.1	0.3	1.9	0.0	3.6	0.4	8.1	0.3	1.9	0.0	-1.9	-0.4
23	3.2	0.1	-1.5	0.0	-3.2	0.0	3.2	0.1	-1.5	0.0	1.2	-0.3
24	7.9	0.0	2.0	0.0	3.9	-0.2	7.9	0.0	2.0	0.0	-2.0	-0.2
25	3.4	0.4	-1.6	0.0	-3.4	0.6	3.4	0.4	-1.6	0.0	1.3	-0.5

G-2	2	1	3.7	0.5	0.0	0.0	-0.4	1.2	3.7	0.5	0.0	0.0	-0.3	-0.2
		2	3.9	1.9	0.2	0.0	0.0	3.0	3.9	1.9	0.2	0.0	-0.7	-2.5
		3	3.2	-1.0	-0.3	0.0	-0.7	-0.9	3.2	-1.0	-0.3	0.0	0.2	2.1
		4	3.5	1.8	-0.2	0.0	-0.5	2.9	3.5	1.8	-0.2	0.0	0.0	-2.4
		5	3.6	-0.9	0.1	0.0	-0.2	-0.8	3.6	-0.9	0.1	0.0	-0.6	1.9
		6	3.9	2.3	0.2	0.0	-0.1	3.6	3.9	2.3	0.2	0.0	-0.6	-3.2
		7	3.2	-1.5	-0.2	0.0	-0.6	-1.5	3.2	-1.5	-0.2	0.0	0.1	2.7
		8	3.5	2.4	-0.2	0.0	-0.6	3.7	3.5	2.4	-0.2	0.0	0.1	-3.3
		9	3.6	-1.5	0.2	0.0	-0.1	-1.6	3.6	-1.5	0.2	0.0	-0.7	2.9
		10	4.4	1.0	0.7	0.0	0.5	1.8	4.4	1.0	0.7	0.0	-1.5	-1.1
		11	2.7	-0.1	-0.8	0.0	-1.2	0.3	2.7	-0.1	-0.8	0.0	1.0	0.6
		12	4.3	0.1	0.7	0.0	0.4	0.7	4.3	0.1	0.7	0.0	-1.5	0.3
		13	2.8	0.7	-0.7	0.0	-1.1	1.4	2.8	0.7	-0.7	0.0	1.0	-0.7
		14	4.4	0.9	0.7	0.0	0.5	1.7	4.4	0.9	0.7	0.0	-1.5	-0.9
		15	2.7	0.0	-0.8	0.0	-1.2	0.4	2.7	0.0	-0.8	0.0	1.0	0.5
		16	4.3	-0.3	0.7	0.0	0.5	0.1	4.3	-0.3	0.7	0.0	-1.6	0.9
		17	2.8	1.1	-0.8	0.0	-1.2	2.0	2.8	1.1	-0.8	0.0	1.0	-1.3
		18	2.6	1.7	0.0	0.0	-0.1	2.6	2.6	1.7	0.0	0.0	-0.3	-2.3
		19	2.3	-1.2	-0.1	0.0	-0.3	-1.3	2.3	-1.2	-0.1	0.0	-0.1	2.1
		20	2.6	2.2	0.0	0.0	-0.2	3.3	2.6	2.2	0.0	0.0	-0.2	-3.1
		21	2.3	-1.7	0.0	0.0	-0.2	-2.0	2.3	-1.7	0.0	0.0	-0.2	2.9
		22	3.3	0.4	0.7	0.0	0.6	0.8	3.3	0.4	0.7	0.0	-1.4	-0.3
		23	1.7	0.1	-0.7	0.0	-1.0	0.5	1.7	0.1	-0.7	0.0	1.1	0.1
		24	3.3	0.1	0.7	0.0	0.6	0.5	3.3	0.1	0.7	0.0	-1.5	0.1
		25	1.7	0.4	-0.7	0.0	-1.0	0.8	1.7	0.4	-0.7	0.0	1.1	-0.3
G-2	1	1	17.3	0.8	-0.4	0.0	-0.4	0.8	17.3	0.8	-0.4	0.0	0.8	-1.4
		2	17.0	2.9	0.2	0.0	0.8	4.7	17.0	2.9	0.2	0.0	0.2	-3.7
		3	15.0	-1.5	-0.9	0.0	-1.5	-3.2	15.0	-1.5	-0.9	0.0	1.2	1.2
		4	15.6	2.8	-0.8	0.0	-1.3	4.5	15.6	2.8	-0.8	0.0	1.2	-3.7
		5	16.4	-1.4	0.1	0.0	0.6	-3.1	16.4	-1.4	0.1	0.0	0.2	1.1
		6	16.9	3.5	0.1	0.0	0.6	5.8	16.9	3.5	0.1	0.0	0.3	-4.4
		7	15.0	-2.1	-0.8	0.0	-1.3	-4.4	15.0	-2.1	-0.8	0.0	1.1	1.9
		8	15.5	3.7	-0.9	0.0	-1.5	6.1	15.5	3.7	-0.9	0.0	1.3	-4.6
		9	16.4	-2.3	0.2	0.0	0.8	-4.6	16.4	-2.3	0.2	0.0	0.2	2.1
		10	18.4	1.4	1.4	0.0	3.1	2.1	18.4	1.4	1.4	0.0	-0.9	-2.1
		11	13.5	-0.1	-2.1	0.0	-3.8	-0.6	13.5	-0.1	-2.1	0.0	2.3	-0.4
		12	18.2	0.2	1.3	0.0	3.1	-0.2	18.2	0.2	1.3	0.0	-0.9	-0.7
		13	13.7	1.2	-2.1	0.0	-3.8	1.7	13.7	1.2	-2.1	0.0	2.3	-1.9
		14	18.4	1.3	1.4	0.0	3.2	1.9	18.4	1.3	1.4	0.0	-0.9	-2.0
		15	13.5	0.1	-2.1	0.0	-3.9	-0.4	13.5	0.1	-2.1	0.0	2.3	-0.6
		16	18.3	-0.4	1.4	0.0	3.3	-1.3	18.3	-0.4	1.4	0.0	-0.9	0.0
		17	13.7	1.8	-2.1	0.0	-3.9	2.7	13.7	1.8	-2.1	0.0	2.3	-2.5
		18	10.7	2.6	-0.2	0.0	-0.1	4.3	10.7	2.6	-0.2	0.0	0.4	-3.2
		19	10.0	-1.7	-0.3	0.0	-0.3	-3.4	10.0	-1.7	-0.3	0.0	0.5	1.6
		20	10.6	3.3	-0.3	0.0	-0.3	5.7	10.6	3.3	-0.3	0.0	0.5	-4.0

		21	10.1	-2.5	-0.2	0.0	-0.1	-4.8	10.1	-2.5	-0.2	0.0	0.4	2.5
		22	12.7	0.5	1.5	0.0	3.2	0.7	12.7	0.5	1.5	0.0	-1.1	-0.9
		23	8.0	0.3	-1.9	0.0	-3.7	0.2	8.0	0.3	-1.9	0.0	2.0	-0.7
		24	12.7	0.2	1.5	0.0	3.3	0.0	12.7	0.2	1.5	0.0	-1.2	-0.5
		25	8.0	0.7	-2.0	0.0	-3.8	0.9	8.0	0.7	-2.0	0.0	2.1	-1.1
E-2	2	1	3.7	0.1	0.0	0.0	-0.3	0.0	3.7	0.1	0.0	0.0	-0.5	-0.2
		2	3.8	1.6	0.3	0.0	-0.1	2.0	3.8	1.6	0.3	0.0	-0.8	-2.5
		3	3.4	-1.5	-0.2	0.0	-0.5	-2.0	3.4	-1.5	-0.2	0.0	-0.1	2.2
		4	3.3	1.5	-0.2	0.0	-0.6	1.9	3.3	1.5	-0.2	0.0	0.0	-2.4
		5	3.9	-1.4	0.3	0.0	0.0	-1.9	3.9	-1.4	0.3	0.0	-0.9	2.1
		6	3.8	2.0	0.3	0.0	-0.1	2.7	3.8	2.0	0.3	0.0	-0.8	-3.2
		7	3.4	-1.9	-0.2	0.0	-0.5	-2.6	3.4	-1.9	-0.2	0.0	0.0	2.9
		8	3.3	2.1	-0.2	0.0	-0.6	2.8	3.3	2.1	-0.2	0.0	0.0	-3.3
		9	3.9	-2.0	0.3	0.0	0.0	-2.7	3.9	-2.0	0.3	0.0	-0.9	3.0
		10	4.4	0.6	0.8	0.0	0.6	0.8	4.4	0.6	0.8	0.0	-1.8	-1.0
		11	2.7	-0.5	-0.7	0.0	-1.2	-0.8	2.7	-0.5	-0.7	0.0	0.9	0.7
		12	4.4	-0.3	0.8	0.0	0.6	-0.4	4.4	-0.3	0.8	0.0	-1.8	0.4
		13	2.7	0.4	-0.7	0.0	-1.2	0.4	2.7	0.4	-0.7	0.0	0.9	-0.6
		14	4.4	0.5	0.8	0.0	0.6	0.7	4.4	0.5	0.8	0.0	-1.8	-0.9
		15	2.7	-0.4	-0.7	0.0	-1.2	-0.6	2.7	-0.4	-0.7	0.0	0.9	0.6
		16	4.4	-0.7	0.8	0.0	0.6	-1.0	4.4	-0.7	0.8	0.0	-1.8	1.0
		17	2.7	0.8	-0.7	0.0	-1.2	1.0	2.7	0.8	-0.7	0.0	0.9	-1.3
		18	2.5	1.5	0.0	0.0	-0.2	2.0	2.5	1.5	0.0	0.0	-0.3	-2.4
		19	2.6	-1.4	0.1	0.0	-0.1	-2.0	2.6	-1.4	0.1	0.0	-0.3	2.2
		20	2.5	2.0	0.0	0.0	-0.2	2.7	2.5	2.0	0.0	0.0	-0.3	-3.2
		21	2.6	-2.0	0.1	0.0	-0.1	-2.7	2.6	-2.0	0.1	0.0	-0.3	3.0
		22	3.4	0.2	0.8	0.0	0.7	0.2	3.4	0.2	0.8	0.0	-1.7	-0.3
		23	1.7	-0.1	-0.7	0.0	-1.1	-0.2	1.7	-0.1	-0.7	0.0	1.0	0.1
		24	3.4	-0.1	0.8	0.0	0.7	-0.2	3.4	-0.1	0.8	0.0	-1.6	0.1
		25	1.7	0.2	-0.7	0.0	-1.1	0.2	1.7	0.2	-0.7	0.0	1.0	-0.3
E-2	1	1	15.9	-0.1	-0.5	0.0	-0.5	-0.1	15.9	-0.1	-0.5	0.0	0.9	0.3
		2	15.4	2.1	0.1	0.0	0.6	3.9	15.4	2.1	0.1	0.0	0.4	-2.2
		3	14.0	-2.3	-1.0	0.0	-1.5	-4.0	14.0	-2.3	-1.0	0.0	1.3	2.7
		4	13.9	2.0	-1.0	0.0	-1.5	3.7	13.9	2.0	-1.0	0.0	1.4	-2.2
		5	15.5	-2.2	0.1	0.0	0.6	-3.9	15.5	-2.2	0.1	0.0	0.4	2.6
		6	15.5	2.7	0.1	0.0	0.6	5.0	15.5	2.7	0.1	0.0	0.4	-3.0
		7	14.0	-2.9	-1.0	0.0	-1.5	-5.2	14.0	-2.9	-1.0	0.0	1.4	3.4
		8	14.0	2.9	-1.0	0.0	-1.5	5.3	14.0	2.9	-1.0	0.0	1.3	-3.1
		9	15.5	-3.1	0.1	0.0	0.6	-5.5	15.5	-3.1	0.1	0.0	0.4	3.6
		10	17.2	0.7	1.3	0.0	3.0	1.3	17.2	0.7	1.3	0.0	-0.7	-0.6
		11	12.2	-0.9	-2.2	0.0	-4.0	-1.5	12.2	-0.9	-2.2	0.0	2.5	1.1
		12	17.3	-0.6	1.3	0.0	3.1	-1.0	17.3	-0.6	1.3	0.0	-0.8	0.8
		13	12.2	0.4	-2.2	0.0	-4.0	0.9	12.2	0.4	-2.2	0.0	2.5	-0.4
		14	17.2	0.5	1.3	0.0	3.0	1.1	17.2	0.5	1.3	0.0	-0.7	-0.5

15	12.2	-0.7	-2.2	0.0	-4.0	-1.2	12.2	-0.7	-2.2	0.0	2.5	0.9
16	17.2	-1.2	1.3	0.0	3.0	-2.1	17.2	-1.2	1.3	0.0	-0.7	1.5
17	12.2	1.0	-2.2	0.0	-3.9	1.9	12.2	1.0	-2.2	0.0	2.5	-1.0
18	9.5	2.1	-0.3	0.0	-0.3	3.8	9.5	2.1	-0.3	0.0	0.6	-2.3
19	9.6	-2.2	-0.3	0.0	-0.3	-3.9	9.6	-2.2	-0.3	0.0	0.5	2.6
20	9.6	2.9	-0.3	0.0	-0.3	5.2	9.6	2.9	-0.3	0.0	0.5	-3.1
21	9.6	-3.0	-0.3	0.0	-0.3	-5.3	9.6	-3.0	-0.3	0.0	0.5	3.4
22	12.1	0.1	1.5	0.0	3.2	0.2	12.1	0.1	1.5	0.0	-1.1	0.0
23	7.0	-0.2	-2.0	0.0	-3.8	-0.3	7.0	-0.2	-2.0	0.0	2.2	0.3
24	12.1	-0.3	1.5	0.0	3.2	-0.5	12.1	-0.3	1.5	0.0	-1.1	0.4
25	7.0	0.2	-2.0	0.0	-3.8	0.4	7.0	0.2	-2.0	0.0	2.2	-0.2

D-2	2	1	3.7	0.2	0.2	0.0	0.1	0.3	3.7	0.2	0.2	0.0	-0.3	-0.2
		2	3.7	1.6	0.3	0.0	0.2	2.2	3.7	1.6	0.3	0.0	-0.6	-2.4
		3	3.5	-1.3	0.0	0.0	-0.1	-1.7	3.5	-1.3	0.0	0.0	0.0	2.1
		4	3.2	1.5	-0.2	0.0	-0.3	2.1	3.2	1.5	-0.2	0.0	0.2	-2.3
		5	4.0	-1.2	0.4	0.0	0.5	-1.6	4.0	-1.2	0.4	0.0	-0.8	1.9
		6	3.7	2.1	0.3	0.0	0.3	2.8	3.7	2.1	0.3	0.0	-0.7	-3.1
		7	3.5	-1.8	-0.1	0.0	-0.1	-2.3	3.5	-1.8	-0.1	0.0	0.0	2.7
		8	3.3	2.1	-0.1	0.0	-0.2	2.9	3.3	2.1	-0.1	0.0	0.0	-3.3
		9	3.9	-1.8	0.4	0.0	0.4	-2.4	3.9	-1.8	0.4	0.0	-0.7	2.9
		10	4.4	0.7	0.9	0.0	0.9	1.0	4.4	0.7	0.9	0.0	-1.6	-1.0
		11	2.8	-0.4	-0.6	0.0	-0.7	-0.5	2.8	-0.4	-0.6	0.0	0.9	0.7
		12	4.4	-0.1	0.9	0.0	1.0	-0.1	4.4	-0.1	0.9	0.0	-1.7	0.3
		13	2.8	0.4	-0.6	0.0	-0.8	0.6	2.8	0.4	-0.6	0.0	1.0	-0.7
		14	4.3	0.6	0.9	0.0	0.9	0.9	4.3	0.6	0.9	0.0	-1.6	-0.9
		15	2.9	-0.3	-0.6	0.0	-0.7	-0.4	2.9	-0.3	-0.6	0.0	0.9	0.5
		16	4.4	-0.6	0.9	0.0	0.9	-0.7	4.4	-0.6	0.9	0.0	-1.6	0.9
		17	2.8	0.9	-0.6	0.0	-0.8	1.2	2.8	0.9	-0.6	0.0	0.9	-1.3
		18	2.4	1.5	0.0	0.0	-0.1	2.1	2.4	1.5	0.0	0.0	-0.1	-2.3
		19	2.6	-1.3	0.2	0.0	0.2	-1.8	2.6	-1.3	0.2	0.0	-0.3	2.1
		20	2.4	2.0	0.1	0.0	0.0	2.8	2.4	2.0	0.1	0.0	-0.2	-3.1
		21	2.6	-1.9	0.1	0.0	0.1	-2.5	2.6	-1.9	0.1	0.0	-0.2	2.9
		22	3.3	0.2	0.8	0.0	0.9	0.3	3.3	0.2	0.8	0.0	-1.5	-0.3
		23	1.7	0.0	-0.7	0.0	-0.8	0.0	1.7	0.0	-0.7	0.0	1.1	0.1
		24	3.3	0.0	0.8	0.0	0.9	0.0	3.3	0.0	0.8	0.0	-1.5	0.1
		25	1.7	0.2	-0.6	0.0	-0.8	0.3	1.7	0.2	-0.6	0.0	1.0	-0.3

D-2	1	1	16.0	0.1	-0.2	0.0	-0.2	0.1	16.0	0.1	-0.2	0.0	0.3	-0.1
		2	15.2	2.3	0.3	0.0	0.8	4.0	15.2	2.3	0.3	0.0	-0.2	-2.6
		3	14.5	-2.1	-0.6	0.0	-1.1	-3.9	14.5	-2.1	-0.6	0.0	0.7	2.4
		4	13.8	2.2	-0.7	0.0	-1.3	3.9	13.8	2.2	-0.7	0.0	0.8	-2.5
		5	15.9	-2.1	0.4	0.0	1.0	-3.7	15.9	-2.1	0.4	0.0	-0.2	2.3
		6	15.3	2.9	0.5	0.0	1.0	5.2	15.3	2.9	0.5	0.0	-0.3	-3.3
		7	14.4	-2.8	-0.8	0.0	-1.4	-5.0	14.4	-2.8	-0.8	0.0	0.9	3.1
		8	13.9	3.0	-0.5	0.0	-1.0	5.5	13.9	3.0	-0.5	0.0	0.6	-3.4



		9	15.8	-2.9	0.2	0.0	0.7	-5.3	15.8	-2.9	0.2	0.0	0.0	3.3
		10	17.1	0.8	1.6	0.0	3.3	1.5	17.1	0.8	1.6	0.0	-1.3	-0.9
		11	12.6	-0.7	-1.9	0.0	-3.6	-1.3	12.6	-0.7	-1.9	0.0	1.9	0.8
		12	17.4	-0.5	1.6	0.0	3.4	-0.9	17.4	-0.5	1.6	0.0	-1.3	0.5
		13	12.3	0.6	-1.9	0.0	-3.7	1.0	12.3	0.6	-1.9	0.0	1.9	-0.7
		14	17.1	0.7	1.6	0.0	3.3	1.2	17.1	0.7	1.6	0.0	-1.3	-0.8
		15	12.6	-0.6	-1.9	0.0	-3.6	-1.0	12.6	-0.6	-1.9	0.0	1.8	0.6
		16	17.2	-1.1	1.5	0.0	3.1	-1.9	17.2	-1.1	1.5	0.0	-1.2	1.2
		17	12.5	1.2	-1.8	0.0	-3.5	2.1	12.5	1.2	-1.8	0.0	1.7	-1.4
		18	9.3	2.2	-0.1	0.0	-0.2	3.9	9.3	2.2	-0.1	0.0	0.2	-2.5
		19	10.0	-2.1	-0.1	0.0	0.0	-3.8	10.0	-2.1	-0.1	0.0	0.2	2.4
		20	9.4	3.0	0.0	0.0	0.1	5.3	9.4	3.0	0.0	0.0	0.0	-3.3
		21	9.9	-2.9	-0.2	0.0	-0.3	-5.2	9.9	-2.9	-0.2	0.0	0.3	3.2
		22	12.1	0.1	1.6	0.0	3.4	0.3	12.1	0.1	1.6	0.0	-1.4	-0.2
		23	7.3	-0.1	-1.8	0.0	-3.6	-0.2	7.3	-0.1	-1.8	0.0	1.8	0.1
		24	12.0	-0.2	1.6	0.0	3.3	-0.4	12.0	-0.2	1.6	0.0	-1.3	0.2
		25	7.3	0.3	-1.8	0.0	-3.5	0.5	7.3	0.3	-1.8	0.0	1.7	-0.3
B-2	2	1	2.8	-0.4	0.3	0.0	0.6	-0.8	2.8	-0.4	0.3	0.0	-0.3	0.5
		2	2.2	0.3	0.4	0.0	0.6	0.0	2.2	0.3	0.4	0.0	-0.5	-0.7
		3	3.3	-1.1	0.2	0.0	0.5	-1.5	3.3	-1.1	0.2	0.0	-0.1	1.7
		4	1.7	0.2	-0.1	0.0	0.0	0.0	1.7	0.2	-0.1	0.0	0.3	-0.7
		5	3.8	-1.0	0.7	0.0	1.0	-1.4	3.8	-1.0	0.7	0.0	-0.9	1.6
		6	2.1	0.5	0.5	0.0	0.7	0.3	2.1	0.5	0.5	0.0	-0.7	-1.1
		7	3.4	-1.3	0.1	0.0	0.4	-1.7	3.4	-1.3	0.1	0.0	0.1	2.0
		8	1.6	0.5	0.1	0.0	0.2	0.3	1.6	0.5	0.1	0.0	0.0	-1.1
		9	3.9	-1.3	0.5	0.0	0.9	-1.7	3.9	-1.3	0.5	0.0	-0.7	2.1
		10	3.3	-0.1	1.0	0.0	1.4	-0.4	3.3	-0.1	1.0	0.0	-1.6	0.0
		11	2.2	-0.7	-0.4	0.0	-0.3	-1.0	2.2	-0.7	-0.4	0.0	0.9	0.9
		12	3.7	-0.5	1.1	0.0	1.5	-0.8	3.7	-0.5	1.1	0.0	-1.7	0.7
		13	1.7	-0.3	-0.5	0.0	-0.4	-0.6	1.7	-0.3	-0.5	0.0	1.1	0.2
		14	3.3	-0.2	1.0	0.0	1.3	-0.5	3.3	-0.2	1.0	0.0	-1.6	0.1
		15	2.2	-0.6	-0.4	0.0	-0.3	-1.0	2.2	-0.6	-0.4	0.0	0.9	0.8
		16	3.8	-0.7	1.0	0.0	1.4	-1.1	3.8	-0.7	1.0	0.0	-1.6	1.1
		17	1.6	-0.1	-0.4	0.0	-0.3	-0.4	1.6	-0.1	-0.4	0.0	0.9	-0.1
		18	1.2	0.4	0.0	0.0	0.1	0.3	1.2	0.4	0.0	0.0	0.0	-0.8
		19	2.7	-0.9	0.4	0.0	0.6	-1.2	2.7	-0.9	0.4	0.0	-0.4	1.5
		20	1.1	0.6	0.2	0.0	0.2	0.5	1.1	0.6	0.2	0.0	-0.2	-1.3
		21	2.9	-1.2	0.2	0.0	0.4	-1.4	2.9	-1.2	0.2	0.0	-0.2	1.9
		22	2.7	-0.2	1.0	0.0	1.2	-0.3	2.7	-0.2	1.0	0.0	-1.6	0.2
		23	1.2	-0.3	-0.6	0.0	-0.6	-0.6	1.2	-0.3	-0.6	0.0	1.1	0.4
		24	2.8	-0.3	0.9	0.0	1.2	-0.5	2.8	-0.3	0.9	0.0	-1.5	0.4
		25	1.1	-0.2	-0.5	0.0	-0.5	-0.4	1.1	-0.2	-0.5	0.0	1.0	0.2
B-2	1	1	8.8	-0.5	0.2	0.0	0.1	-0.4	8.8	-0.5	0.2	0.0	-0.3	0.9
		2	6.7	1.3	0.6	0.0	0.9	3.0	6.7	1.3	0.6	0.0	-0.8	-0.7

3	9.9	-2.1	-0.3	0.0	-0.7	-3.8	9.9	-2.1	-0.3	0.0	0.1	2.3
4	5.3	1.2	-0.5	0.0	-1.2	2.9	5.3	1.2	-0.5	0.0	0.2	-0.6
5	11.3	-2.0	0.8	0.0	1.5	-3.7	11.3	-2.0	0.8	0.0	-0.8	2.3
6	6.4	1.7	0.8	0.0	1.4	4.0	6.4	1.7	0.8	0.0	-1.0	-1.1
7	10.2	-2.6	-0.5	0.0	-1.2	-4.8	10.2	-2.6	-0.5	0.0	0.3	2.7
8	4.9	1.9	-0.1	0.0	-0.5	4.2	4.9	1.9	-0.1	0.0	-0.1	-1.2
9	11.6	-2.7	0.5	0.0	0.8	-5.0	11.6	-2.7	0.5	0.0	-0.5	2.8
10	9.9	0.2	1.9	0.0	3.6	0.8	9.9	0.2	1.9	0.0	-1.9	0.3
11	6.7	-1.0	-1.6	0.0	-3.4	-1.6	6.7	-1.0	-1.6	0.0	1.3	1.3
12	11.3	-0.8	1.9	0.0	3.8	-1.2	11.3	-0.8	1.9	0.0	-1.9	1.2
13	5.3	0.0	-1.6	0.0	-3.5	0.4	5.3	0.0	-1.6	0.0	1.3	0.4
14	10.0	0.1	1.8	0.0	3.5	0.6	10.0	0.1	1.8	0.0	-1.8	0.4
15	6.6	-0.9	-1.5	0.0	-3.2	-1.4	6.6	-0.9	-1.5	0.0	1.2	1.2
16	11.5	-1.3	1.7	0.0	3.3	-2.1	11.5	-1.3	1.7	0.0	-1.7	1.6
17	5.0	0.4	-1.4	0.0	-3.0	1.3	5.0	0.4	-1.4	0.0	1.1	0.0
18	3.3	1.4	0.0	0.0	-0.2	3.1	3.3	1.4	0.0	0.0	-0.2	-1.0
19	7.9	-1.9	0.2	0.0	0.3	-3.6	7.9	-1.9	0.2	0.0	-0.3	2.0
20	3.0	2.0	0.3	0.0	0.4	4.3	3.0	2.0	0.3	0.0	-0.4	-1.5
21	8.2	-2.5	-0.1	0.0	-0.2	-4.8	8.2	-2.5	-0.1	0.0	0.0	2.4
22	7.9	-0.2	1.9	0.0	3.6	-0.1	7.9	-0.2	1.9	0.0	-1.8	0.4
23	3.3	-0.3	-1.7	0.0	-3.5	-0.4	3.3	-0.3	-1.7	0.0	1.4	0.6
24	8.1	-0.4	1.7	0.0	3.4	-0.6	8.1	-0.4	1.7	0.0	-1.7	0.7
25	3.1	-0.1	-1.5	0.0	-3.2	0.1	3.1	-0.1	-1.5	0.0	1.2	0.3

Linear Analysis- Beam End Forces

Units: ton, ton-m

Beam	Floor	Load	END I X/L = 0.0					M2(+)max		END J X/L = 1.0							
			Axl	Shr2	Shr3	Torque	M2	M3	M2	X/L	Axl	Shr2	Shr3	Torque	M2	M3	
A(3-4)	2	1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	-1.0	0.0
		2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	-0.9	0.0
		3	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	-0.9	0.0
		4	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	-0.9	0.0
		5	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	-0.9	0.0
		6	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	-0.9	0.0
		7	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	-0.9	0.0
		8	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	-0.9	0.0
		9	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	-0.9	0.0
		10	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	-0.8	0.0

		11	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	-0.9	0.0
		12	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	-0.8	0.0
		13	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	-0.9	0.0
		14	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	-0.8	0.0
		15	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	-0.9	0.0
		16	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	-0.8	0.0
		17	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	-0.9	0.0
		18	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	-0.6	0.0
		19	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	-0.6	0.0
		20	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	-0.6	0.0
		21	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	-0.6	0.0
		22	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	-0.5	0.0
		23	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	-0.6	0.0
		24	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	-0.5	0.0
		25	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	-0.6	0.0

A (4-5)

2

		1	0.0	0.0	-1.0	0.0	-1.0	0.0	0.0	1.0	0.0	0.0	-0.2	0.0	0.0	0.0
		2	0.0	0.0	-0.9	0.0	-0.9	0.0	0.0	1.0	0.0	0.0	-0.2	0.0	0.0	0.0
		3	0.0	0.0	-0.9	0.0	-0.9	0.0	0.0	1.0	0.0	0.0	-0.2	0.0	0.0	0.0
		4	0.0	0.0	-0.9	0.0	-0.9	0.0	0.0	1.0	0.0	0.0	-0.2	0.0	0.0	0.0
		5	0.0	0.0	-0.9	0.0	-0.9	0.0	0.0	1.0	0.0	0.0	-0.2	0.0	0.0	0.0
		6	0.0	0.0	-0.9	0.0	-0.9	0.0	0.0	1.0	0.0	0.0	-0.2	0.0	0.0	0.0
		7	0.0	0.0	-0.9	0.0	-0.9	0.0	0.0	1.0	0.0	0.0	-0.2	0.0	0.0	0.0
		8	0.0	0.0	-0.9	0.0	-0.9	0.0	0.0	1.0	0.0	0.0	-0.2	0.0	0.0	0.0
		9	0.0	0.0	-0.9	0.0	-0.9	0.0	0.0	1.0	0.0	0.0	-0.2	0.0	0.0	0.0
		10	0.0	0.0	-0.9	0.0	-0.9	0.0	0.0	1.0	0.0	0.0	-0.2	0.0	0.0	0.0
		11	0.0	0.0	-0.9	0.0	-0.9	0.0	0.0	1.0	0.0	0.0	-0.2	0.0	0.0	0.0
		12	0.0	0.0	-0.9	0.0	-0.9	0.0	0.0	1.0	0.0	0.0	-0.2	0.0	0.0	0.0
		13	0.0	0.0	-0.9	0.0	-0.9	0.0	0.0	1.0	0.0	0.0	-0.2	0.0	0.0	0.0
		14	0.0	0.0	-0.9	0.0	-0.9	0.0	0.0	1.0	0.0	0.0	-0.2	0.0	0.0	0.0
		15	0.0	0.0	-0.9	0.0	-0.9	0.0	0.0	1.0	0.0	0.0	-0.2	0.0	0.0	0.0
		16	0.0	0.0	-0.9	0.0	-0.9	0.0	0.0	1.0	0.0	0.0	-0.2	0.0	0.0	0.0
		17	0.0	0.0	-0.9	0.0	-0.9	0.0	0.0	1.0	0.0	0.0	-0.2	0.0	0.0	0.0
		18	0.0	0.0	-0.6	0.0	-0.6	0.0	0.0	1.0	0.0	0.0	-0.1	0.0	0.0	0.0
		19	0.0	0.0	-0.6	0.0	-0.6	0.0	0.0	1.0	0.0	0.0	-0.1	0.0	0.0	0.0
		20	0.0	0.0	-0.6	0.0	-0.6	0.0	0.0	1.0	0.0	0.0	-0.1	0.0	0.0	0.0
		21	0.0	0.0	-0.6	0.0	-0.6	0.0	0.0	1.0	0.0	0.0	-0.1	0.0	0.0	0.0
		22	0.0	0.0	-0.6	0.0	-0.6	0.0	0.0	1.0	0.0	0.0	-0.1	0.0	0.0	0.0
		23	0.0	0.0	-0.6	0.0	-0.5	0.0	0.0	1.0	0.0	0.0	-0.1	0.0	0.0	0.0
		24	0.0	0.0	-0.6	0.0	-0.6	0.0	0.0	1.0	0.0	0.0	-0.1	0.0	0.0	0.0
		25	0.0	0.0	-0.6	0.0	-0.5	0.0	0.0	1.0	0.0	0.0	-0.1	0.0	0.0	0.0

B (2-3)

2

		1	0.0	0.0	-1.4	0.0	-0.7	0.0	0.6	1.0	0.0	0.0	-0.3	0.0	0.6	0.0
		2	0.0	0.0	-1.6	0.0	-1.2	0.0	0.5	1.0	0.0	0.0	-0.6	0.0	0.5	0.0
		3	0.0	0.0	-0.9	0.0	-0.1	0.0	0.5	.9	0.0	0.0	0.1	0.0	0.5	0.0
		4	0.0	0.0	-0.6	0.0	0.4	0.0	0.7	.55	0.0	0.0	0.4	0.0	0.6	0.0

5	0.0	0.0	-1.9	-0.1	-1.8	0.0	0.5	1.0	0.0	0.0	-0.9	-0.1	0.5	0.0
6	0.0	0.0	-1.8	0.0	-1.6	0.0	0.5	1.0	0.0	0.0	-0.8	0.0	0.5	0.0
7	0.0	0.0	-0.7	0.0	0.2	0.0	0.6	.7	0.0	0.0	0.3	0.0	0.6	0.0
8	0.0	0.0	-0.9	0.0	-0.1	0.0	0.6	.9	0.0	0.0	0.1	0.0	0.5	0.0
9	0.0	0.0	-1.6	0.0	-1.3	0.0	0.5	1.0	0.0	0.0	-0.6	0.0	0.5	0.0
10	0.0	0.0	-2.8	-0.1	-3.3	0.0	0.4	1.0	0.0	0.0	-1.8	-0.1	0.4	0.0
11	0.0	0.0	0.3	0.0	2.0	0.0	2.0	0.0	0.0	0.0	1.4	0.0	0.6	0.0
12	0.0	0.0	-2.9	-0.1	-3.5	0.0	0.4	1.0	0.0	0.0	-1.9	-0.1	0.4	0.0
13	0.0	0.0	0.4	0.0	2.1	0.0	2.1	0.0	0.0	0.0	1.5	0.0	0.6	0.0
14	0.0	0.0	-2.8	-0.1	-3.2	0.0	0.4	1.0	0.0	0.0	-1.8	-0.1	0.4	0.0
15	0.0	0.0	0.3	0.0	1.9	0.0	1.9	0.0	0.0	0.0	1.3	0.0	0.6	0.0
16	0.0	0.0	-2.7	-0.1	-3.1	0.0	0.4	1.0	0.0	0.0	-1.7	-0.1	0.4	0.0
17	0.0	0.0	0.2	0.0	1.8	0.0	1.8	0.0	0.0	0.0	1.2	0.0	0.6	0.0
18	0.0	0.0	-0.6	0.0	-0.1	0.0	0.3	.95	0.0	0.0	0.0	0.0	0.3	0.0
19	0.0	0.0	-1.0	0.0	-0.7	0.0	0.3	1.0	0.0	0.0	-0.3	0.0	0.3	0.0
20	0.0	0.0	-0.9	0.0	-0.6	0.0	0.3	1.0	0.0	0.0	-0.2	0.0	0.3	0.0
21	0.0	0.0	-0.7	0.0	-0.3	0.0	0.3	1.0	0.0	0.0	-0.1	0.0	0.3	0.0
22	0.0	0.0	-2.5	0.0	-3.1	0.0	0.2	1.0	0.0	0.0	-1.8	0.0	0.2	0.0
23	0.0	0.0	0.8	0.0	2.3	0.0	2.3	0.0	0.0	0.0	1.5	0.0	0.4	0.0
24	0.0	0.0	-2.3	0.0	-2.9	0.0	0.2	1.0	0.0	0.0	-1.7	0.0	0.2	0.0
25	0.0	0.0	0.7	0.0	2.1	0.0	2.1	0.0	0.0	0.0	1.4	0.0	0.4	0.0

B (3-4)

2

1	0.0	0.0	0.1	0.0	0.6	0.0	0.6	0.0	0.0	0.0	1.8	0.0	-1.0	0.0
2	0.0	0.0	-0.2	0.0	0.5	0.0	0.5	.15	0.0	0.0	1.3	0.0	-0.4	0.0
3	0.0	0.0	0.4	0.0	0.5	0.0	0.5	0.0	0.0	0.0	2.0	0.0	-1.4	0.0
4	0.0	0.0	0.8	0.0	0.6	0.0	0.6	0.0	0.0	0.0	2.3	0.0	-1.9	0.0
5	0.0	0.0	-0.6	0.0	0.5	0.0	0.6	.35	0.0	0.0	1.0	0.0	0.1	0.0
6	0.0	0.0	-0.4	0.0	0.5	0.0	0.6	.3	0.0	0.0	1.1	0.0	-0.1	0.0
7	0.0	0.0	0.6	0.0	0.5	0.0	0.5	0.0	0.0	0.0	2.2	0.0	-1.7	0.0
8	0.0	0.0	0.5	0.0	0.5	0.0	0.5	0.0	0.0	0.0	2.0	0.0	-1.4	0.0
9	0.0	0.0	-0.3	0.0	0.5	0.0	0.5	.15	0.0	0.0	1.3	0.0	-0.3	0.0
10	0.0	0.0	-1.5	0.0	0.4	0.0	1.5	.95	0.0	0.0	0.1	0.0	1.5	0.0
11	0.0	0.0	1.7	0.0	0.6	0.0	0.6	0.0	0.0	0.0	3.2	0.0	-3.3	0.0
12	0.0	0.0	-1.6	0.0	0.4	0.0	1.7	1.0	0.0	0.0	0.0	0.0	1.7	0.0
13	0.0	0.0	1.8	0.0	0.6	0.0	0.6	0.0	0.0	0.0	3.3	0.0	-3.4	0.0
14	0.0	0.0	-1.4	0.0	0.4	0.0	1.5	.9	0.0	0.0	0.1	0.0	1.4	0.0
15	0.0	0.0	1.6	0.0	0.6	0.0	0.6	0.0	0.0	0.0	3.2	0.0	-3.2	0.0
16	0.0	0.0	-1.4	0.0	0.4	0.0	1.4	.9	0.0	0.0	0.2	0.0	1.4	0.0
17	0.0	0.0	1.6	0.0	0.6	0.0	0.6	0.0	0.0	0.0	3.1	0.0	-3.1	0.0
18	0.0	0.0	0.2	0.0	0.3	0.0	0.3	0.0	0.0	0.0	1.2	0.0	-0.8	0.0
19	0.0	0.0	-0.1	0.0	0.3	0.0	0.3	.1	0.0	0.0	0.9	0.0	-0.3	0.0
20	0.0	0.0	0.0	0.0	0.3	0.0	0.3	0.0	0.0	0.0	1.0	0.0	-0.4	0.0
21	0.0	0.0	0.2	0.0	0.3	0.0	0.3	0.0	0.0	0.0	1.1	0.0	-0.7	0.0
22	0.0	0.0	-1.6	0.0	0.2	0.0	1.9	1.0	0.0	0.0	-0.6	0.0	1.9	0.0
23	0.0	0.0	1.7	0.0	0.4	0.0	0.4	0.0	0.0	0.0	2.7	0.0	-3.0	0.0
24	0.0	0.0	-1.4	0.0	0.2	0.0	1.7	1.0	0.0	0.0	-0.4	0.0	1.7	0.0

		25	0.0	0.0	1.6	0.0	0.4	0.0	0.4	0.0	0.0	0.0	2.5	0.0	-2.8	0.0
B (4-5)	2	1	0.0	0.0	-1.8	-0.1	-1.0	0.0	0.6	1.0	0.0	0.0	-0.1	-0.1	0.6	0.0
		2	0.0	0.0	-2.0	-0.1	-1.3	0.0	0.5	1.0	0.0	0.0	-0.4	-0.1	0.5	0.0
		3	0.0	0.0	-1.4	-0.1	-0.5	0.0	0.5	.9	0.0	0.0	0.1	-0.1	0.5	0.0
		4	0.0	0.0	-1.1	-0.1	0.0	0.0	0.6	.7	0.0	0.0	0.5	-0.1	0.5	0.0
		5	0.0	0.0	-2.3	-0.1	-1.8	0.0	0.5	1.0	0.0	0.0	-0.7	-0.1	0.5	0.0
		6	0.0	0.0	-2.2	-0.1	-1.7	0.0	0.5	1.0	0.0	0.0	-0.6	-0.1	0.5	0.0
		7	0.0	0.0	-1.2	-0.1	-0.1	0.0	0.6	.8	0.0	0.0	0.3	-0.1	0.5	0.0
		8	0.0	0.0	-1.4	-0.1	-0.4	0.0	0.6	.9	0.0	0.0	0.2	-0.1	0.5	0.0
		9	0.0	0.0	-2.0	-0.1	-1.4	0.0	0.5	1.0	0.0	0.0	-0.5	-0.1	0.5	0.0
		10	0.0	0.0	-3.1	-0.1	-3.1	0.0	0.6	1.0	0.0	0.0	-1.5	-0.1	0.6	0.0
		11	0.0	0.0	-0.3	-0.1	1.3	0.0	1.4	.2	0.0	0.0	1.3	-0.1	0.5	0.0
		12	0.0	0.0	-3.2	-0.1	-3.3	0.0	0.6	1.0	0.0	0.0	-1.6	-0.1	0.6	0.0
		13	0.0	0.0	-0.2	-0.1	1.5	0.0	1.5	.1	0.0	0.0	1.4	-0.1	0.5	0.0
		14	0.0	0.0	-3.0	-0.1	-3.1	0.0	0.6	1.0	0.0	0.0	-1.5	-0.1	0.6	0.0
		15	0.0	0.0	-0.3	-0.1	1.3	0.0	1.3	.2	0.0	0.0	1.2	-0.1	0.5	0.0
		16	0.0	0.0	-3.0	-0.1	-3.0	0.0	0.5	1.0	0.0	0.0	-1.5	-0.1	0.5	0.0
		17	0.0	0.0	-0.4	-0.1	1.2	0.0	1.2	.25	0.0	0.0	1.2	-0.1	0.5	0.0
		18	0.0	0.0	-0.9	0.0	-0.3	0.0	0.3	.95	0.0	0.0	0.1	0.0	0.3	0.0
		19	0.0	0.0	-1.2	0.0	-0.8	0.0	0.3	1.0	0.0	0.0	-0.2	0.0	0.3	0.0
		20	0.0	0.0	-1.1	0.0	-0.7	0.0	0.3	1.0	0.0	0.0	-0.2	0.0	0.3	0.0
		21	0.0	0.0	-1.0	0.0	-0.4	0.0	0.3	1.0	0.0	0.0	0.0	0.0	0.3	0.0
		22	0.0	0.0	-2.5	0.0	-2.9	0.0	0.4	1.0	0.0	0.0	-1.5	0.0	0.4	0.0
		23	0.0	0.0	0.4	0.0	1.7	0.0	1.7	0.0	0.0	0.0	1.4	0.0	0.3	0.0
		24	0.0	0.0	-2.4	0.0	-2.7	0.0	0.4	1.0	0.0	0.0	-1.4	0.0	0.4	0.0
		25	0.0	0.0	0.3	0.0	1.5	0.0	1.5	0.0	0.0	0.0	1.3	0.0	0.3	0.0
B (5-6)	2	1	0.0	0.0	0.3	0.1	0.6	0.0	0.6	0.0	0.0	0.0	1.4	0.1	-0.8	0.0
		2	0.0	0.0	0.0	0.1	0.6	0.0	0.6	0.0	0.0	0.0	1.0	0.1	-0.3	0.0
		3	0.0	0.0	0.6	0.1	0.6	0.0	0.6	0.0	0.0	0.0	1.6	0.1	-1.2	0.0
		4	0.0	0.0	0.9	0.1	0.6	0.0	0.6	0.0	0.0	0.0	1.9	0.1	-1.7	0.0
		5	0.0	0.0	-0.3	0.1	0.6	0.0	0.6	.3	0.0	0.0	0.7	0.1	0.2	0.0
		6	0.0	0.0	-0.2	0.1	0.6	0.0	0.6	.15	0.0	0.0	0.8	0.1	0.0	0.0
		7	0.0	0.0	0.8	0.1	0.6	0.0	0.6	0.0	0.0	0.0	1.8	0.1	-1.5	0.0
		8	0.0	0.0	0.6	0.1	0.6	0.0	0.6	0.0	0.0	0.0	1.7	0.1	-1.3	0.0
		9	0.0	0.0	0.0	0.1	0.6	0.0	0.6	0.0	0.0	0.0	1.0	0.1	-0.2	0.0
		10	0.0	0.0	-1.1	0.1	0.6	0.0	1.5	1.0	0.0	0.0	-0.1	0.1	1.5	0.0
		11	0.0	0.0	1.7	0.1	0.6	0.0	0.6	0.0	0.0	0.0	2.7	0.1	-3.0	0.0
		12	0.0	0.0	-1.2	0.1	0.6	0.0	1.7	1.0	0.0	0.0	-0.2	0.1	1.7	0.0
		13	0.0	0.0	1.8	0.1	0.6	0.0	0.6	0.0	0.0	0.0	2.8	0.1	-3.1	0.0
		14	0.0	0.0	-1.1	0.1	0.6	0.0	1.4	1.0	0.0	0.0	0.0	0.1	1.4	0.0
		15	0.0	0.0	1.7	0.1	0.6	0.0	0.6	0.0	0.0	0.0	2.7	0.1	-2.9	0.0
		16	0.0	0.0	-1.0	0.1	0.6	0.0	1.4	1.0	0.0	0.0	0.0	0.1	1.4	0.0
		17	0.0	0.0	1.6	0.1	0.6	0.0	0.6	0.0	0.0	0.0	2.6	0.1	-2.8	0.0
		18	0.0	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.0	0.0	1.0	0.0	-0.7	0.0

19	0.0	0.0	0.0	0.0	0.4	0.0	0.4	0.0	0.0	0.0	0.7	0.0	-0.2	0.0
20	0.0	0.0	0.1	0.0	0.4	0.0	0.4	0.0	0.0	0.0	0.8	0.0	-0.4	0.0
21	0.0	0.0	0.3	0.0	0.4	0.0	0.4	0.0	0.0	0.0	0.9	0.0	-0.6	0.0
22	0.0	0.0	-1.3	0.0	0.4	0.0	1.8	1.0	0.0	0.0	-0.6	0.0	1.8	0.0
23	0.0	0.0	1.7	0.0	0.3	0.0	0.3	0.0	0.0	0.0	2.3	0.0	-2.8	0.0
24	0.0	0.0	-1.2	0.0	0.4	0.0	1.7	1.0	0.0	0.0	-0.5	0.0	1.7	0.0
25	0.0	0.0	1.5	0.0	0.3	0.0	0.3	0.0	0.0	0.0	2.2	0.0	-2.6	0.0

B (6-7)

2

1	1.0	0.1	-0.5	0.0	-0.4	0.1	0.1	.55	1.0	0.1	0.4	0.0	-0.2	-0.2
2	0.1	0.1	-0.8	0.0	-0.8	0.1	0.3	.85	0.1	0.1	0.2	0.0	0.2	-0.3
3	1.6	0.1	-0.2	0.0	0.1	0.1	0.2	.25	1.6	0.1	0.7	0.0	-0.7	-0.1
4	1.0	0.1	0.1	0.0	0.6	0.1	0.6	0.0	1.0	0.1	1.0	0.0	-1.2	-0.3
5	0.7	0.0	-1.1	0.0	-1.3	0.0	0.7	1.0	0.7	0.0	-0.2	0.0	0.7	-0.1
6	-0.5	0.1	-1.0	0.0	-1.1	0.1	0.6	1.0	-0.5	0.1	-0.1	0.0	0.6	-0.3
7	2.2	0.0	0.0	0.0	0.4	0.0	0.4	.05	2.2	0.0	0.9	0.0	-1.0	-0.1
8	0.6	0.1	-0.2	0.0	0.2	0.1	0.2	.2	0.6	0.1	0.8	0.0	-0.7	-0.3
9	1.1	0.0	-0.9	0.0	-0.9	0.0	0.3	.9	1.1	0.0	0.1	0.0	0.3	-0.1
10	-0.7	0.1	-2.0	0.0	-2.6	0.1	2.1	1.0	-0.7	0.1	-1.0	0.0	2.1	-0.2
11	2.5	0.1	0.9	0.0	1.9	0.1	1.9	0.0	2.5	0.1	1.9	0.0	-2.5	-0.2
12	-0.5	0.1	-2.1	0.0	-2.8	0.1	2.2	1.0	-0.5	0.1	-1.1	0.0	2.2	-0.1
13	2.3	0.1	1.0	0.0	2.1	0.1	2.1	0.0	2.3	0.1	2.0	0.0	-2.6	-0.2
14	-1.2	0.1	-1.9	0.0	-2.6	0.1	2.0	1.0	-1.2	0.1	-1.0	0.0	2.0	-0.2
15	3.0	0.1	0.9	0.0	1.8	0.1	1.8	0.0	3.0	0.1	1.8	0.0	-2.4	-0.2
16	-0.8	0.1	-1.9	0.0	-2.5	0.1	1.9	1.0	-0.8	0.1	-0.9	0.0	1.9	-0.1
17	2.5	0.1	0.8	0.0	1.8	0.1	1.8	0.0	2.5	0.1	1.8	0.0	-2.3	-0.2
18	0.2	0.1	-0.2	0.0	0.0	0.1	0.1	.3	0.2	0.1	0.5	0.0	-0.4	-0.2
19	0.8	0.0	-0.5	0.0	-0.5	0.0	0.2	.75	0.8	0.0	0.2	0.0	0.1	0.0
20	-0.3	0.1	-0.5	0.0	-0.4	0.1	0.1	.65	-0.3	0.1	0.3	0.0	0.0	-0.2
21	1.3	0.0	-0.3	0.0	-0.1	0.0	0.1	.4	1.3	0.0	0.4	0.0	-0.3	0.0
22	-1.0	0.0	-1.9	0.0	-2.6	0.0	2.2	1.0	-1.0	0.0	-1.1	0.0	2.2	-0.1
23	2.0	0.1	1.1	0.0	2.1	0.1	2.1	0.0	2.0	0.1	1.8	0.0	-2.5	-0.1
24	-1.4	0.0	-1.7	0.0	-2.4	0.0	2.0	1.0	-1.4	0.0	-1.0	0.0	2.0	-0.1
25	2.4	0.1	1.0	0.0	1.9	0.1	1.9	0.0	2.4	0.1	1.7	0.0	-2.3	-0.1

B (7-8)

2

1	0.8	-0.2	-0.5	0.0	-0.2	-0.4	0.1	.5	0.8	-0.2	0.5	0.0	-0.3	0.3
2	0.0	-0.3	-0.8	0.0	-0.7	-0.6	0.3	.8	0.0	-0.3	0.2	0.0	0.2	0.3
3	1.3	-0.1	-0.2	0.0	0.2	-0.2	0.3	.2	1.3	-0.1	0.8	0.0	-0.7	0.1
4	0.8	-0.3	0.1	0.0	0.7	-0.5	0.7	0.0	0.8	-0.3	1.1	0.0	-1.2	0.3
5	0.6	-0.1	-1.1	0.0	-1.2	-0.2	0.7	1.0	0.6	-0.1	-0.1	0.0	0.7	0.1
6	-0.4	-0.3	-1.0	0.0	-1.0	-0.6	0.5	1.0	-0.4	-0.3	0.0	0.0	0.5	0.4
7	1.8	-0.1	0.0	0.0	0.6	-0.2	0.6	0.0	1.8	-0.1	1.0	0.0	-1.1	0.1
8	0.5	-0.3	-0.2	0.0	0.3	-0.6	0.3	.15	0.5	-0.3	0.8	0.0	-0.8	0.4
9	0.9	-0.1	-0.8	0.0	-0.7	-0.2	0.3	.8	0.9	-0.1	0.2	0.0	0.2	0.1
10	-0.7	-0.2	-1.9	0.0	-2.5	-0.4	2.0	1.0	-0.7	-0.2	-0.9	0.0	2.0	0.3
11	2.0	-0.2	1.0	0.0	2.0	-0.3	2.0	0.0	2.0	-0.2	1.9	0.0	-2.5	0.2
12	-0.5	-0.2	-2.0	0.0	-2.6	-0.3	2.1	1.0	-0.5	-0.2	-1.0	0.0	2.1	0.2

		13	1.9	-0.2	1.0	0.0	2.2	-0.4	2.2	0.0	1.9	-0.2	2.0	0.0	-2.7	0.3
		14	-1.1	-0.2	-1.9	0.0	-2.4	-0.4	1.9	1.0	-1.1	-0.2	-0.9	0.0	1.9	0.3
		15	2.4	-0.2	0.9	0.0	1.9	-0.3	1.9	0.0	2.4	-0.2	1.9	0.0	-2.4	0.2
		16	-0.7	-0.2	-1.8	0.0	-2.3	-0.3	1.8	1.0	-0.7	-0.2	-0.8	0.0	1.8	0.2
		17	2.0	-0.2	0.9	0.0	1.9	-0.4	1.9	0.0	2.0	-0.2	1.8	0.0	-2.4	0.3
		18	0.1	-0.2	-0.2	0.0	0.1	-0.4	0.1	.3	0.1	-0.2	0.5	0.0	-0.4	0.3
		19	0.6	0.0	-0.5	0.0	-0.4	0.0	0.1	.7	0.6	0.0	0.2	0.0	0.0	0.0
		20	-0.3	-0.2	-0.4	0.0	-0.3	-0.4	0.1	.65	-0.3	-0.2	0.3	0.0	0.0	0.3
		21	1.0	0.0	-0.3	0.0	0.0	0.0	0.1	.35	1.0	0.0	0.5	0.0	-0.3	0.0
		22	-0.9	-0.1	-1.8	0.0	-2.5	-0.2	2.1	1.0	-0.9	-0.1	-1.1	0.0	2.1	0.1
		23	1.7	-0.1	1.1	0.0	2.2	-0.2	2.2	0.0	1.7	-0.1	1.8	0.0	-2.5	0.1
		24	-1.2	-0.1	-1.7	0.0	-2.3	-0.2	1.9	1.0	-1.2	-0.1	-1.0	0.0	1.9	0.1
		25	1.9	-0.1	1.0	0.0	2.0	-0.2	2.0	0.0	1.9	-0.1	1.7	0.0	-2.3	0.1
B (8-9)	2	1	0.7	0.1	-0.5	0.0	-0.3	0.2	0.1	.5	0.7	0.1	0.5	0.0	-0.3	0.0
		2	0.1	0.1	-0.8	0.0	-0.7	0.3	0.3	.8	0.1	0.1	0.2	0.0	0.2	0.0
		3	1.1	0.0	-0.2	0.0	0.2	0.1	0.3	.2	1.1	0.0	0.8	0.0	-0.7	0.0
		4	0.7	0.1	0.1	0.0	0.7	0.3	0.7	0.0	0.7	0.1	1.1	0.0	-1.3	0.0
		5	0.5	0.0	-1.1	0.0	-1.2	0.1	0.7	1.0	0.5	0.0	-0.1	0.0	0.7	0.0
		6	-0.3	0.1	-1.0	0.0	-1.0	0.3	0.5	1.0	-0.3	0.1	0.0	0.0	0.5	0.0
		7	1.5	0.0	0.0	0.0	0.5	0.1	0.5	0.0	1.5	0.0	1.0	0.0	-1.1	0.0
		8	0.5	0.1	-0.1	0.0	0.3	0.3	0.3	.15	0.5	0.1	0.8	0.0	-0.8	0.0
		9	0.8	0.0	-0.8	0.0	-0.8	0.1	0.3	.85	0.8	0.0	0.1	0.0	0.3	0.0
		10	-0.5	0.1	-1.9	0.0	-2.5	0.2	2.1	1.0	-0.5	0.1	-1.0	0.0	2.1	0.0
		11	1.7	0.0	1.0	0.0	2.0	0.2	2.0	0.0	1.7	0.0	1.9	0.0	-2.6	0.0
		12	-0.3	0.0	-2.0	0.0	-2.7	0.2	2.2	1.0	-0.3	0.0	-1.1	0.0	2.2	0.0
		13	1.6	0.1	1.1	0.0	2.2	0.2	2.2	0.0	1.6	0.1	2.0	0.0	-2.8	0.0
		14	-0.8	0.1	-1.9	0.0	-2.5	0.2	2.0	1.0	-0.8	0.1	-0.9	0.0	2.0	0.0
		15	2.0	0.0	0.9	0.0	2.0	0.2	2.0	0.0	2.0	0.0	1.9	0.0	-2.5	0.0
		16	-0.4	0.0	-1.8	0.0	-2.4	0.2	1.9	1.0	-0.4	0.0	-0.9	0.0	1.9	0.0
		17	1.7	0.1	0.9	0.0	1.9	0.3	1.9	0.0	1.7	0.1	1.8	0.0	-2.4	0.0
		18	0.2	0.1	-0.2	0.0	0.1	0.2	0.2	.25	0.2	0.1	0.5	0.0	-0.5	0.0
		19	0.5	0.0	-0.5	0.0	-0.5	0.0	0.1	.75	0.5	0.0	0.2	0.0	0.1	0.0
		20	-0.2	0.1	-0.4	0.0	-0.3	0.2	0.1	.6	-0.2	0.1	0.3	0.0	-0.1	0.0
		21	0.9	0.0	-0.3	0.0	-0.1	0.0	0.1	.4	0.9	0.0	0.4	0.0	-0.3	0.0
		22	-0.7	0.0	-1.9	0.0	-2.6	0.1	2.2	1.0	-0.7	0.0	-1.1	0.0	2.2	0.0
		23	1.4	0.0	1.2	0.0	2.2	0.1	2.2	0.0	1.4	0.0	1.9	0.0	-2.6	0.0
		24	-0.9	0.0	-1.7	0.0	-2.4	0.1	2.0	1.0	-0.9	0.0	-1.0	0.0	2.0	0.0
		25	1.6	0.0	1.0	0.0	2.0	0.1	2.0	0.0	1.6	0.0	1.7	0.0	-2.4	0.0
B (9-10)	2	1	0.6	0.0	-0.6	0.0	-0.4	0.0	0.2	.5	0.6	0.0	0.6	0.0	-0.4	0.0
		2	0.2	0.0	-0.8	0.0	-0.8	0.0	0.3	.65	0.2	0.0	0.5	0.0	-0.1	0.0
		3	0.9	0.0	-0.5	0.0	-0.1	0.0	0.3	.35	0.9	0.0	0.8	0.0	-0.8	0.0
		4	0.6	0.0	-0.3	0.0	0.3	0.0	0.4	.2	0.6	0.0	1.0	0.0	-1.2	0.0
		5	0.4	0.0	-1.0	0.0	-1.2	0.0	0.5	.8	0.4	0.0	0.3	0.0	0.3	0.0
		6	-0.1	0.0	-0.9	0.0	-1.0	0.0	0.4	.75	-0.1	0.0	0.3	0.0	0.2	0.0

	7	1.2	0.0	-0.4	0.0	0.2	0.0	0.4	.3	1.2	0.0	0.9	0.0	-1.0	0.0	
	8	0.4	0.0	-0.4	0.0	0.0	0.0	0.3	.35	0.4	0.0	0.8	0.0	-0.8	0.0	
	9	0.6	0.0	-0.8	0.0	-0.9	0.0	0.3	.65	0.6	0.0	0.4	0.0	0.0	0.0	
	10	-0.3	0.0	-1.5	0.0	-2.2	0.0	1.4	1.0	-0.3	0.0	-0.2	0.0	1.4	0.0	
	11	1.4	0.0	0.2	0.0	1.3	0.0	1.3	0.0	1.4	0.0	1.5	0.0	-2.2	0.0	
	12	-0.2	0.0	-1.5	0.0	-2.4	0.0	1.5	1.0	-0.2	0.0	-0.3	0.0	1.5	0.0	
	13	1.3	0.0	0.3	0.0	1.5	0.0	1.5	0.0	1.3	0.0	1.5	0.0	-2.3	0.0	
	14	-0.5	0.0	-1.5	0.0	-2.2	0.0	1.3	1.0	-0.5	0.0	-0.2	0.0	1.3	0.0	
	15	1.6	0.0	0.2	0.0	1.3	0.0	1.3	0.0	1.6	0.0	1.5	0.0	-2.2	0.0	
	16	-0.3	0.0	-1.4	0.0	-2.1	0.0	1.2	1.0	-0.3	0.0	-0.2	0.0	1.2	0.0	
	17	1.3	0.0	0.2	0.0	1.2	0.0	1.2	0.0	1.3	0.0	1.4	0.0	-2.1	0.0	
	18	0.2	0.0	-0.4	0.0	-0.1	0.0	0.2	.4	0.2	0.0	0.6	0.0	-0.5	0.0	
	19	0.4	0.0	-0.6	0.0	-0.5	0.0	0.2	.6	0.4	0.0	0.4	0.0	-0.1	0.0	
	20	-0.1	0.0	-0.5	0.0	-0.4	0.0	0.2	.55	-0.1	0.0	0.4	0.0	-0.2	0.0	
	21	0.7	0.0	-0.4	0.0	-0.2	0.0	0.2	.45	0.7	0.0	0.5	0.0	-0.4	0.0	
	22	-0.5	0.0	-1.4	0.0	-2.2	0.0	1.5	1.0	-0.5	0.0	-0.4	0.0	1.5	0.0	
	23	1.1	0.0	0.4	0.0	1.5	0.0	1.5	0.0	1.1	0.0	1.4	0.0	-2.2	0.0	
	24	-0.6	0.0	-1.3	0.0	-2.0	0.0	1.4	1.0	-0.6	0.0	-0.3	0.0	1.4	0.0	
	25	1.2	0.0	0.3	0.0	1.4	0.0	1.4	0.0	1.2	0.0	1.3	0.0	-2.0	0.0	
B (10-11)	2	1	0.7	0.2	-0.5	0.0	-0.3	0.0	0.1	.5	0.7	0.2	0.5	0.0	-0.3	-0.6
		2	0.3	0.1	-0.8	0.0	-0.7	0.0	0.2	.8	0.3	0.1	0.2	0.0	0.2	-0.5
		3	0.9	0.2	-0.2	0.0	0.2	0.0	0.2	.2	0.9	0.2	0.8	0.0	-0.7	-0.6
		4	0.7	0.1	0.1	0.0	0.7	0.0	0.7	0.0	0.7	0.1	1.1	0.0	-1.2	-0.5
		5	0.5	0.2	-1.1	0.0	-1.3	0.0	0.7	1.0	0.5	0.2	-0.1	0.0	0.7	-0.6
		6	0.1	0.1	-1.0	0.0	-1.1	0.0	0.5	1.0	0.1	0.1	0.0	0.0	0.5	-0.5
		7	1.1	0.2	0.0	0.0	0.5	0.0	0.5	0.0	1.1	0.2	1.0	0.0	-1.0	-0.6
		8	0.5	0.1	-0.1	0.0	0.3	0.0	0.3	.15	0.5	0.1	0.8	0.0	-0.8	-0.5
		9	0.7	0.2	-0.8	0.0	-0.8	0.0	0.3	.85	0.7	0.2	0.1	0.0	0.3	-0.6
		10	0.0	0.2	-1.9	0.0	-2.6	0.0	2.0	1.0	0.0	0.2	-1.0	0.0	2.0	-0.5
		11	1.2	0.2	1.0	0.0	2.1	0.0	2.1	0.0	1.2	0.2	1.9	0.0	-2.5	-0.6
		12	0.1	0.2	-2.0	0.0	-2.8	0.0	2.2	1.0	0.1	0.2	-1.1	0.0	2.2	-0.6
		13	1.1	0.2	1.1	0.0	2.2	0.0	2.2	0.0	1.1	0.2	2.0	0.0	-2.7	-0.5
		14	-0.1	0.2	-1.9	0.0	-2.5	0.0	1.9	1.0	-0.1	0.2	-0.9	0.0	1.9	-0.5
		15	1.3	0.2	0.9	0.0	2.0	0.0	2.0	0.0	1.3	0.2	1.9	0.0	-2.5	-0.6
		16	0.0	0.2	-1.8	0.0	-2.4	0.0	1.9	1.0	0.0	0.2	-0.9	0.0	1.9	-0.6
		17	1.2	0.2	0.9	0.0	1.9	0.0	1.9	0.0	1.2	0.2	1.8	0.0	-2.4	-0.5
		18	0.2	0.1	-0.2	0.0	0.1	0.0	0.1	.25	0.2	0.1	0.5	0.0	-0.5	-0.2
		19	0.4	0.1	-0.5	0.0	-0.5	0.0	0.1	.75	0.4	0.1	0.2	0.0	0.1	-0.4
		20	0.1	0.1	-0.4	0.0	-0.3	0.0	0.1	.6	0.1	0.1	0.3	0.0	-0.1	-0.3
		21	0.6	0.1	-0.3	0.0	-0.1	0.0	0.1	.4	0.6	0.1	0.4	0.0	-0.3	-0.4
		22	-0.2	0.1	-1.9	0.0	-2.6	0.0	2.2	1.0	-0.2	0.1	-1.1	0.0	2.2	-0.3
		23	0.9	0.1	1.1	0.0	2.2	0.0	2.2	0.0	0.9	0.1	1.9	0.0	-2.6	-0.3
		24	-0.3	0.1	-1.7	0.0	-2.4	0.0	2.0	1.0	-0.3	0.1	-1.0	0.0	2.0	-0.3
		25	1.0	0.1	1.0	0.0	2.0	0.0	2.0	0.0	1.0	0.1	1.7	0.0	-2.4	-0.3



B (11-12)	2	1	0.8	-0.9	-0.6	0.0	-0.4	-0.6	0.2	.6	0.8	-0.9	0.4	0.0	-0.1	2.4
		2	0.5	-0.8	-0.8	0.0	-0.8	-0.5	0.4	.85	0.5	-0.8	0.1	0.0	0.3	2.0
		3	0.8	-0.9	-0.3	0.0	0.1	-0.6	0.2	.3	0.8	-0.9	0.7	0.0	-0.6	2.1
		4	0.8	-0.8	0.0	0.0	0.6	-0.4	0.6	0.0	0.8	-0.8	1.0	0.0	-1.0	2.0
		5	0.6	-0.9	-1.2	0.0	-1.3	-0.6	0.8	1.0	0.6	-0.9	-0.2	0.0	0.8	2.1
		6	0.3	-0.8	-1.0	0.0	-1.1	-0.5	0.6	1.0	0.3	-0.8	-0.1	0.0	0.6	2.0
		7	1.0	-0.8	-0.1	0.0	0.4	-0.6	0.4	.1	1.0	-0.8	0.9	0.0	-0.9	2.1
		8	0.6	-0.8	-0.2	0.0	0.2	-0.5	0.3	.25	0.6	-0.8	0.7	0.0	-0.6	2.0
		9	0.7	-0.9	-0.9	0.0	-0.9	-0.6	0.4	.9	0.7	-0.9	0.1	0.0	0.4	2.1
		10	0.2	-0.8	-2.0	0.0	-2.6	-0.5	2.1	1.0	0.2	-0.8	-1.0	0.0	2.1	2.1
		11	1.1	-0.8	0.8	0.0	1.9	-0.5	1.9	0.0	1.1	-0.8	1.8	0.0	-2.3	2.1
		12	0.2	-0.8	-2.1	0.0	-2.7	-0.6	2.3	1.0	0.2	-0.8	-1.1	0.0	2.3	2.1
		13	1.1	-0.8	0.9	0.0	2.0	-0.5	2.0	0.0	1.1	-0.8	1.9	0.0	-2.5	2.0
		14	0.1	-0.8	-1.9	0.0	-2.5	-0.5	2.0	1.0	0.1	-0.8	-1.0	0.0	2.0	2.1
		15	1.2	-0.8	0.8	0.0	1.8	-0.5	1.8	0.0	1.2	-0.8	1.8	0.0	-2.3	2.1
		16	0.2	-0.8	-1.9	0.0	-2.4	-0.5	2.0	1.0	0.2	-0.8	-0.9	0.0	2.0	2.1
		17	1.1	-0.8	0.8	0.0	1.7	-0.5	1.7	0.0	1.1	-0.8	1.7	0.0	-2.2	2.0
		18	0.3	-0.4	-0.2	0.0	0.0	-0.2	0.1	.35	0.3	-0.4	0.5	0.0	-0.4	1.1
		19	0.4	-0.5	-0.6	0.0	-0.5	-0.4	0.2	.75	0.4	-0.5	0.2	0.0	0.1	1.2
		20	0.2	-0.4	-0.5	0.0	-0.4	-0.2	0.1	.65	0.2	-0.4	0.2	0.0	0.0	1.1
		21	0.5	-0.5	-0.3	0.0	-0.1	-0.3	0.1	.45	0.5	-0.5	0.4	0.0	-0.2	1.2
		22	-0.1	-0.5	-1.9	0.0	-2.6	-0.3	2.2	1.0	-0.1	-0.5	-1.1	0.0	2.2	1.2
		23	0.8	-0.4	1.1	0.0	2.1	-0.3	2.1	0.0	0.8	-0.4	1.8	0.0	-2.4	1.1
		24	-0.1	-0.5	-1.7	0.0	-2.4	-0.3	2.0	1.0	-0.1	-0.5	-1.0	0.0	2.0	1.2
		25	0.9	-0.5	0.9	0.0	1.9	-0.3	1.9	0.0	0.9	-0.5	1.7	0.0	-2.2	1.1
B (12-13)	2	1	0.0	3.0	-0.9	0.1	-0.6	2.2	0.5	1.0	0.0	3.0	-0.4	0.1	0.5	-2.8
		2	-0.1	2.6	-1.1	0.0	-1.0	1.8	0.5	1.0	-0.1	2.6	-0.6	0.0	0.5	-2.5
		3	0.0	2.6	-0.7	0.2	-0.2	1.9	0.5	1.0	0.0	2.6	-0.2	0.2	0.5	-2.4
		4	0.1	2.6	-0.1	0.0	0.5	1.8	0.5	.3	0.1	2.6	0.4	0.0	0.3	-2.5
		5	-0.2	2.6	-1.7	0.2	-1.7	2.0	0.7	1.0	-0.2	2.6	-1.2	0.2	0.7	-2.4
		6	-0.2	2.6	-1.4	0.0	-1.4	1.8	0.5	1.0	-0.2	2.6	-0.9	0.0	0.5	-2.5
		7	0.1	2.6	-0.4	0.2	0.2	1.9	0.5	.85	0.1	2.6	0.1	0.2	0.5	-2.4
		8	0.0	2.6	-0.5	0.0	0.0	1.8	0.4	.95	0.0	2.6	0.0	0.0	0.4	-2.5
		9	-0.1	2.6	-1.3	0.2	-1.2	1.9	0.6	1.0	-0.1	2.6	-0.8	0.2	0.6	-2.4
		10	-0.3	2.6	-2.5	0.1	-3.0	1.9	0.7	1.0	-0.3	2.6	-2.0	0.1	0.7	-2.4
		11	0.2	2.6	0.7	0.2	1.8	1.9	1.8	0.0	0.2	2.6	1.2	0.2	0.2	-2.5
		12	-0.4	2.6	-2.6	0.2	-3.2	1.9	0.8	1.0	-0.4	2.6	-2.1	0.2	0.8	-2.4
		13	0.3	2.6	0.8	0.1	2.0	1.8	2.0	0.0	0.3	2.6	1.3	0.1	0.2	-2.5
		14	-0.4	2.6	-2.4	0.1	-2.9	1.9	0.7	1.0	-0.4	2.6	-1.9	0.1	0.7	-2.4
		15	0.3	2.6	0.6	0.2	1.7	1.9	1.7	0.0	0.3	2.6	1.1	0.2	0.3	-2.5
		16	-0.4	2.6	-2.4	0.2	-2.8	1.9	0.7	1.0	-0.4	2.6	-1.9	0.2	0.7	-2.4
		17	0.3	2.6	0.6	0.1	1.6	1.9	1.6	0.0	0.3	2.6	1.1	0.1	0.2	-2.5
		18	0.0	1.5	-0.4	0.0	-0.1	1.0	0.3	1.0	0.0	1.5	0.0	0.0	0.3	-1.5
		19	-0.1	1.5	-0.9	0.2	-0.8	1.1	0.5	1.0	-0.1	1.5	-0.6	0.2	0.5	-1.3
		20	-0.1	1.5	-0.7	0.0	-0.5	1.0	0.3	1.0	-0.1	1.5	-0.3	0.0	0.3	-1.4

		21	0.0	1.5	-0.6	0.2	-0.3	1.1	0.4	1.0	0.0	1.5	-0.3	0.2	0.4	-1.3
		22	-0.3	1.5	-2.3	0.1	-2.9	1.1	0.6	1.0	-0.3	1.5	-1.9	0.1	0.6	-1.3
		23	0.3	1.5	1.0	0.1	2.0	1.0	2.0	0.0	0.3	1.5	1.4	0.1	0.1	-1.4
		24	-0.4	1.5	-2.2	0.1	-2.7	1.1	0.6	1.0	-0.4	1.5	-1.8	0.1	0.6	-1.3
		25	0.3	1.5	0.8	0.1	1.8	1.0	1.8	0.0	0.3	1.5	1.2	0.1	0.1	-1.4
B (13-14)	2	1	0.1	-1.7	0.5	-0.1	0.5	-2.4	0.5	0.0	0.1	-1.7	0.9	-0.1	-0.4	-0.3
		2	-0.1	-1.6	0.1	0.1	0.5	-2.3	0.5	0.0	-0.1	-1.6	0.5	0.1	0.1	-0.3
		3	0.2	-1.3	1.0	-0.2	0.4	-1.8	0.4	0.0	0.2	-1.3	1.3	-0.2	-1.0	-0.2
		4	0.2	-1.6	1.1	0.1	0.1	-2.2	0.1	0.0	0.2	-1.6	1.5	0.1	-1.5	-0.3
		5	-0.1	-1.3	0.0	-0.2	0.8	-1.9	0.8	.05	-0.1	-1.3	0.3	-0.2	0.6	-0.3
		6	-0.2	-1.6	-0.1	0.0	0.6	-2.2	0.7	.2	-0.2	-1.6	0.3	0.0	0.5	-0.3
		7	0.3	-1.3	1.2	-0.2	0.3	-1.9	0.3	0.0	0.3	-1.3	1.5	-0.2	-1.4	-0.3
		8	0.1	-1.6	0.8	0.0	0.2	-2.2	0.2	0.0	0.1	-1.6	1.2	0.0	-1.0	-0.3
		9	0.0	-1.4	0.3	-0.2	0.7	-1.9	0.7	0.0	0.0	-1.4	0.6	-0.2	0.1	-0.3
		10	-0.5	-1.6	-1.1	0.0	1.2	-2.2	2.2	1.0	-0.5	-1.6	-0.7	0.0	2.2	-0.3
		11	0.6	-1.4	2.2	-0.1	-0.2	-1.9	0.0	0.0	0.6	-1.4	2.5	-0.1	-3.1	-0.2
		12	-0.5	-1.5	-1.1	-0.1	1.2	-2.1	2.4	1.0	-0.5	-1.5	-0.7	-0.1	2.4	-0.3
		13	0.6	-1.5	2.2	0.0	-0.3	-2.0	0.0	0.0	0.6	-1.5	2.6	0.0	-3.2	-0.3
		14	-0.5	-1.5	-1.0	0.0	1.1	-2.2	2.1	1.0	-0.5	-1.5	-0.7	0.0	2.1	-0.3
		15	0.6	-1.4	2.1	-0.1	-0.2	-2.0	0.0	0.0	0.6	-1.4	2.5	-0.1	-3.0	-0.3
		16	-0.4	-1.5	-0.9	-0.1	1.1	-2.1	2.0	1.0	-0.4	-1.5	-0.5	-0.1	2.0	-0.3
		17	0.5	-1.5	2.0	-0.1	-0.2	-2.0	0.0	0.0	0.5	-1.5	2.4	-0.1	-2.9	-0.3
		18	0.0	-1.0	0.5	0.1	0.2	-1.4	0.2	0.0	0.0	-1.0	0.8	0.1	-0.6	-0.2
		19	0.0	-0.7	0.3	-0.2	0.5	-0.9	0.5	0.0	0.0	-0.7	0.6	-0.2	-0.1	-0.1
		20	-0.1	-0.9	0.3	0.1	0.3	-1.3	0.3	0.0	-0.1	-0.9	0.5	0.1	-0.1	-0.2
		21	0.1	-0.7	0.6	-0.2	0.4	-1.0	0.4	0.0	0.1	-0.7	0.9	-0.2	-0.5	-0.1
		22	-0.5	-0.9	-1.2	-0.1	1.1	-1.2	2.4	1.0	-0.5	-0.9	-0.9	-0.1	2.4	-0.2
		23	0.5	-0.8	2.1	-0.1	-0.4	-1.1	0.0	0.0	0.5	-0.8	2.3	-0.1	-3.1	-0.1
		24	-0.5	-0.9	-1.1	-0.1	1.0	-1.2	2.2	1.0	-0.5	-0.9	-0.8	-0.1	2.2	-0.2
		25	0.5	-0.8	1.9	-0.1	-0.3	-1.1	0.0	0.0	0.5	-0.8	2.2	-0.1	-2.8	-0.1
D (1-2)	2	1	0.0	0.0	0.9	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.8	-0.1	-1.4	0.0
		2	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	-1.2	0.0
		3	0.0	0.0	0.9	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.7	-0.1	-1.3	0.0
		4	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	-1.2	0.0
		5	0.0	0.0	0.9	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.7	-0.1	-1.3	0.0
		6	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	-1.2	0.0
		7	0.0	0.0	0.9	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.7	-0.2	-1.3	0.0
		8	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	-1.2	0.0
		9	0.0	0.0	0.9	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.7	-0.2	-1.3	0.0
		10	0.0	0.0	0.8	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.7	-0.1	-1.3	0.0
		11	0.0	0.0	0.9	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.7	-0.1	-1.3	0.0
		12	0.0	0.0	0.9	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.7	-0.1	-1.3	0.0
		13	0.0	0.0	0.9	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.7	-0.1	-1.3	0.0
		14	0.0	0.0	0.9	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.7	-0.1	-1.3	0.0

15	0.0	0.0	0.9	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	-0.1	-1.3	0.0
16	0.0	0.0	0.9	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	-0.1	-1.3	0.0
17	0.0	0.0	0.8	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	-0.1	-1.3	0.0
18	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	-0.8	0.0
19	0.0	0.0	0.6	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	-0.1	-0.8	0.0
20	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	-0.8	0.0
21	0.0	0.0	0.6	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	-0.1	-0.9	0.0
22	0.0	0.0	0.5	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	-0.1	-0.8	0.0
23	0.0	0.0	0.5	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	-0.1	-0.8	0.0
24	0.0	0.0	0.5	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	-0.1	-0.8	0.0
25	0.0	0.0	0.5	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	-0.1	-0.8	0.0

D (2-3)	2	1	0.0	0.0	-2.0	0.0	-1.1	0.0	0.5	1.0	0.0	0.0	0.0	0.0	0.5	0.0
		2	0.0	0.0	-2.2	0.0	-1.7	0.0	0.4	1.0	0.0	0.0	-0.4	0.0	0.4	0.0
		3	0.0	0.0	-1.4	0.0	-0.4	0.0	0.5	.8	0.0	0.0	0.4	0.0	0.4	0.0
		4	0.0	0.0	-1.2	0.0	-0.1	0.0	0.6	.65	0.0	0.0	0.6	0.0	0.4	0.0
		5	0.0	0.0	-2.4	0.0	-2.0	0.0	0.4	1.0	0.0	0.0	-0.6	0.0	0.4	0.0
		6	0.0	0.0	-2.3	0.0	-1.9	0.0	0.4	1.0	0.0	0.0	-0.5	0.0	0.4	0.0
		7	0.0	0.0	-1.3	0.0	-0.2	0.0	0.6	.7	0.0	0.0	0.5	0.0	0.4	0.0
		8	0.0	0.0	-1.4	0.0	-0.3	0.0	0.5	.75	0.0	0.0	0.4	0.0	0.4	0.0
		9	0.0	0.0	-2.2	0.0	-1.7	0.0	0.4	1.0	0.0	0.0	-0.4	0.0	0.4	0.0
		10	0.0	0.0	-3.4	0.0	-3.6	0.0	0.3	1.0	0.0	0.0	-1.6	0.0	0.3	0.0
		11	0.0	0.0	-0.2	0.0	1.6	0.0	1.6	.15	0.0	0.0	1.6	0.0	0.5	0.0
		12	0.0	0.0	-3.5	0.0	-3.7	0.0	0.3	1.0	0.0	0.0	-1.6	0.0	0.3	0.0
		13	0.0	0.0	-0.2	0.0	1.7	0.0	1.7	.1	0.0	0.0	1.7	0.0	0.5	0.0
		14	0.0	0.0	-3.4	0.0	-3.6	0.0	0.3	1.0	0.0	0.0	-1.5	0.0	0.3	0.0
		15	0.0	0.0	-0.3	0.0	1.6	0.0	1.6	.15	0.0	0.0	1.6	0.0	0.5	0.0
		16	0.0	0.0	-3.4	0.0	-3.6	0.0	0.3	1.0	0.0	0.0	-1.5	0.0	0.3	0.0
		17	0.0	0.0	-0.3	0.0	1.5	0.0	1.5	.15	0.0	0.0	1.6	0.0	0.5	0.0
		18	0.0	0.0	-1.0	0.0	-0.5	0.0	0.3	.9	0.0	0.0	0.1	0.0	0.3	0.0
		19	0.0	0.0	-1.2	0.0	-0.8	0.0	0.2	1.0	0.0	0.0	-0.1	0.0	0.2	0.0
		20	0.0	0.0	-1.2	0.0	-0.7	0.0	0.3	1.0	0.0	0.0	0.0	0.0	0.3	0.0
		21	0.0	0.0	-1.1	0.0	-0.6	0.0	0.3	.95	0.0	0.0	0.1	0.0	0.3	0.0
		22	0.0	0.0	-2.8	0.0	-3.3	0.0	0.2	1.0	0.0	0.0	-1.6	0.0	0.2	0.0
		23	0.0	0.0	0.5	0.0	2.0	0.0	2.0	0.0	0.0	0.0	1.6	0.0	0.3	0.0
		24	0.0	0.0	-2.7	0.0	-3.2	0.0	0.2	1.0	0.0	0.0	-1.5	0.0	0.2	0.0
		25	0.0	0.0	0.4	0.0	1.9	0.0	1.9	0.0	0.0	0.0	1.6	0.0	0.3	0.0

D (3-4)	2	1	0.0	0.0	0.0	0.0	0.5	0.0	0.5	0.0	0.0	0.0	2.1	0.0	-1.2	0.0
		2	0.0	0.0	-0.4	0.0	0.4	0.0	0.4	.2	0.0	0.0	1.5	0.0	-0.5	0.0
		3	0.0	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.0	0.0	2.3	0.0	-1.7	0.0
		4	0.0	0.0	0.6	0.0	0.4	0.0	0.4	0.0	0.0	0.0	2.4	0.0	-2.0	0.0
		5	0.0	0.0	-0.6	0.0	0.4	0.0	0.5	.3	0.0	0.0	1.3	0.0	-0.2	0.0
		6	0.0	0.0	-0.5	0.0	0.4	0.0	0.5	.25	0.0	0.0	1.4	0.0	-0.3	0.0
		7	0.0	0.0	0.5	0.0	0.4	0.0	0.4	0.0	0.0	0.0	2.4	0.0	-1.9	0.0
		8	0.0	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.0	0.0	2.3	0.0	-1.7	0.0

		9	0.0	0.0	-0.4	0.0	0.4	0.0	0.4	.2	0.0	0.0	1.5	0.0	-0.5	0.0
		10	0.0	0.0	-1.6	0.0	0.3	0.0	1.4	.85	0.0	0.0	0.3	0.0	1.3	0.0
		11	0.0	0.0	1.6	0.0	0.5	0.0	0.5	0.0	0.0	0.0	3.5	0.0	-3.5	0.0
		12	0.0	0.0	-1.6	0.0	0.3	0.0	1.4	.9	0.0	0.0	0.2	0.0	1.4	0.0
		13	0.0	0.0	1.7	0.0	0.5	0.0	0.5	0.0	0.0	0.0	3.5	0.0	-3.6	0.0
		14	0.0	0.0	-1.5	0.0	0.3	0.0	1.3	.85	0.0	0.0	0.3	0.0	1.3	0.0
		15	0.0	0.0	1.6	0.0	0.5	0.0	0.5	0.0	0.0	0.0	3.4	0.0	-3.5	0.0
		16	0.0	0.0	-1.5	0.0	0.3	0.0	1.3	.8	0.0	0.0	0.3	0.0	1.2	0.0
		17	0.0	0.0	1.6	0.0	0.5	0.0	0.5	0.0	0.0	0.0	3.4	0.0	-3.4	0.0
		18	0.0	0.0	0.1	0.0	0.3	0.0	0.3	0.0	0.0	0.0	1.3	0.0	-0.8	0.0
		19	0.0	0.0	-0.1	0.0	0.2	0.0	0.2	.05	0.0	0.0	1.1	0.0	-0.5	0.0
		20	0.0	0.0	0.0	0.0	0.3	0.0	0.3	0.0	0.0	0.0	1.1	0.0	-0.6	0.0
		21	0.0	0.0	0.1	0.0	0.3	0.0	0.3	0.0	0.0	0.0	1.2	0.0	-0.8	0.0
		22	0.0	0.0	-1.6	0.0	0.2	0.0	1.8	1.0	0.0	0.0	-0.4	0.0	1.8	0.0
		23	0.0	0.0	1.6	0.0	0.3	0.0	0.3	0.0	0.0	0.0	2.8	0.0	-3.2	0.0
		24	0.0	0.0	-1.5	0.0	0.2	0.0	1.7	1.0	0.0	0.0	-0.4	0.0	1.7	0.0
		25	0.0	0.0	1.6	0.0	0.3	0.0	0.3	0.0	0.0	0.0	2.7	0.0	-3.1	0.0
D (4-5)	2	1	0.0	0.0	-3.5	0.2	-2.1	0.0	1.8	1.0	0.0	0.0	-1.5	0.2	1.8	0.0
		2	0.0	0.0	-3.5	0.1	-2.5	0.0	1.6	1.0	0.0	0.0	-1.7	0.1	1.6	0.0
		3	0.0	0.0	-2.9	0.2	-1.4	0.0	1.7	1.0	0.0	0.0	-1.0	0.2	1.7	0.0
		4	0.0	0.0	-2.7	0.1	-1.2	0.0	1.7	1.0	0.0	0.0	-0.8	0.1	1.7	0.0
		5	0.0	0.0	-3.7	0.2	-2.7	0.0	1.7	1.0	0.0	0.0	-1.8	0.2	1.7	0.0
		6	0.0	0.0	-3.6	0.1	-2.7	0.0	1.6	1.0	0.0	0.0	-1.8	0.1	1.6	0.0
		7	0.0	0.0	-2.8	0.2	-1.2	0.0	1.7	1.0	0.0	0.0	-0.9	0.2	1.7	0.0
		8	0.0	0.0	-2.8	0.1	-1.4	0.0	1.7	1.0	0.0	0.0	-1.0	0.1	1.7	0.0
		9	0.0	0.0	-3.5	0.2	-2.5	0.0	1.7	1.0	0.0	0.0	-1.7	0.2	1.7	0.0
		10	0.0	0.0	-4.5	0.1	-4.1	0.0	1.6	1.0	0.0	0.0	-2.7	0.1	1.6	0.0
		11	0.0	0.0	-1.9	0.2	0.2	0.0	1.7	1.0	0.0	0.0	0.0	0.2	1.7	0.0
		12	0.0	0.0	-4.6	0.1	-4.2	0.0	1.6	1.0	0.0	0.0	-2.7	0.1	1.6	0.0
		13	0.0	0.0	-1.8	0.2	0.3	0.0	1.7	1.0	0.0	0.0	0.0	0.2	1.7	0.0
		14	0.0	0.0	-4.5	0.1	-4.1	0.0	1.6	1.0	0.0	0.0	-2.6	0.1	1.6	0.0
		15	0.0	0.0	-1.9	0.2	0.2	0.0	1.7	1.0	0.0	0.0	0.0	0.2	1.7	0.0
		16	0.0	0.0	-4.5	0.2	-4.0	0.0	1.6	1.0	0.0	0.0	-2.6	0.2	1.6	0.0
		17	0.0	0.0	-1.9	0.2	0.2	0.0	1.7	1.0	0.0	0.0	-0.1	0.2	1.7	0.0
		18	0.0	0.0	-1.9	0.1	-1.1	0.0	1.0	1.0	0.0	0.0	-0.8	0.1	1.0	0.0
		19	0.0	0.0	-2.1	0.1	-1.3	0.0	1.1	1.0	0.0	0.0	-0.9	0.1	1.1	0.0
		20	0.0	0.0	-2.0	0.1	-1.3	0.0	1.0	1.0	0.0	0.0	-0.9	0.1	1.0	0.0
		21	0.0	0.0	-2.0	0.2	-1.1	0.0	1.1	1.0	0.0	0.0	-0.8	0.2	1.1	0.0
		22	0.0	0.0	-3.4	0.1	-3.4	0.0	1.0	1.0	0.0	0.0	-2.2	0.1	1.0	0.0
		23	0.0	0.0	-0.7	0.1	1.0	0.0	1.3	.55	0.0	0.0	0.5	0.1	1.1	0.0
		24	0.0	0.0	-3.3	0.1	-3.3	0.0	1.0	1.0	0.0	0.0	-2.2	0.1	1.0	0.0
		25	0.0	0.0	-0.7	0.1	0.9	0.0	1.2	.6	0.0	0.0	0.4	0.1	1.1	0.0
D (5-6)	2	1	0.0	0.0	1.6	-0.2	2.0	0.0	2.0	0.0	0.0	0.0	3.7	-0.2	-2.2	0.0
		2	0.0	0.0	1.1	-0.1	1.8	0.0	1.8	0.0	0.0	0.0	3.0	-0.1	-1.4	0.0

3	0.0	0.0	1.9	-0.2	1.9	0.0	1.9	0.0	0.0	0.0	3.8	-0.2	-2.6	0.0
4	0.0	0.0	2.0	-0.1	1.9	0.0	1.9	0.0	0.0	0.0	3.9	-0.1	-2.8	0.0
5	0.0	0.0	1.0	-0.2	1.8	0.0	1.8	0.0	0.0	0.0	2.8	-0.2	-1.2	0.0
6	0.0	0.0	1.0	-0.1	1.8	0.0	1.8	0.0	0.0	0.0	2.9	-0.1	-1.2	0.0
7	0.0	0.0	2.0	-0.2	1.9	0.0	1.9	0.0	0.0	0.0	3.9	-0.2	-2.8	0.0
8	0.0	0.0	1.9	-0.1	1.9	0.0	1.9	0.0	0.0	0.0	3.7	-0.1	-2.6	0.0
9	0.0	0.0	1.2	-0.2	1.8	0.0	1.8	0.0	0.0	0.0	3.0	-0.2	-1.5	0.0
10	0.0	0.0	0.0	-0.1	1.8	0.0	1.8	0.0	0.0	0.0	1.9	-0.1	0.3	0.0
11	0.0	0.0	3.0	-0.2	1.9	0.0	1.9	0.0	0.0	0.0	4.9	-0.2	-4.3	0.0
12	0.0	0.0	0.0	-0.2	1.8	0.0	1.8	0.0	0.0	0.0	1.8	-0.2	0.3	0.0
13	0.0	0.0	3.0	-0.2	1.9	0.0	1.9	0.0	0.0	0.0	4.9	-0.2	-4.4	0.0
14	0.0	0.0	0.0	-0.1	1.8	0.0	1.8	0.0	0.0	0.0	1.9	-0.1	0.2	0.0
15	0.0	0.0	3.0	-0.2	1.9	0.0	1.9	0.0	0.0	0.0	4.8	-0.2	-4.3	0.0
16	0.0	0.0	0.1	-0.2	1.8	0.0	1.8	0.0	0.0	0.0	1.9	-0.2	0.2	0.0
17	0.0	0.0	2.9	-0.2	1.9	0.0	1.9	0.0	0.0	0.0	4.8	-0.2	-4.2	0.0
18	0.0	0.0	1.0	-0.1	1.2	0.0	1.2	0.0	0.0	0.0	2.2	-0.1	-1.4	0.0
19	0.0	0.0	0.9	-0.2	1.2	0.0	1.2	0.0	0.0	0.0	2.1	-0.2	-1.2	0.0
20	0.0	0.0	0.9	0.0	1.2	0.0	1.2	0.0	0.0	0.0	2.1	0.0	-1.2	0.0
21	0.0	0.0	1.0	-0.2	1.2	0.0	1.2	0.0	0.0	0.0	2.2	-0.2	-1.4	0.0
22	0.0	0.0	-0.5	-0.1	1.1	0.0	1.3	.45	0.0	0.0	0.6	-0.1	1.0	0.0
23	0.0	0.0	2.5	-0.1	1.3	0.0	1.3	0.0	0.0	0.0	3.6	-0.1	-3.6	0.0
24	0.0	0.0	-0.5	-0.1	1.1	0.0	1.3	.4	0.0	0.0	0.7	-0.1	0.9	0.0
25	0.0	0.0	2.4	-0.1	1.3	0.0	1.3	0.0	0.0	0.0	3.6	-0.1	-3.5	0.0

D (6-7)

2

1	0.0	0.0	-1.7	0.0	-1.3	0.0	0.4	.6	0.0	0.0	1.1	0.0	-0.3	0.0
2	0.0	0.0	-2.0	0.0	-1.7	0.0	0.6	.75	0.0	0.0	0.7	0.0	0.3	0.0
3	0.0	0.0	-1.2	0.0	-0.6	0.0	0.3	.45	0.0	0.0	1.4	0.0	-0.9	0.0
4	0.0	0.0	-1.0	0.0	-0.3	0.0	0.3	.4	0.0	0.0	1.6	0.0	-1.3	0.0
5	0.0	0.0	-2.2	0.0	-2.0	0.0	0.8	.85	0.0	0.0	0.5	0.0	0.7	0.0
6	0.0	0.0	-2.1	0.0	-1.9	0.0	0.7	.8	0.0	0.0	0.5	0.0	0.5	0.0
7	0.0	0.0	-1.1	0.0	-0.4	0.0	0.3	.4	0.0	0.0	1.5	0.0	-1.1	0.0
8	0.0	0.0	-1.2	0.0	-0.5	0.0	0.3	.45	0.0	0.0	1.5	0.0	-1.0	0.0
9	0.0	0.0	-2.0	0.0	-1.8	0.0	0.6	.75	0.0	0.0	0.6	0.0	0.4	0.0
10	0.0	0.0	-3.2	0.0	-3.6	0.0	2.3	1.0	0.0	0.0	-0.5	0.0	2.3	0.0
11	0.0	0.0	0.0	0.0	1.2	0.0	1.2	0.0	0.0	0.0	2.6	0.0	-2.9	0.0
12	0.0	0.0	-3.2	0.0	-3.7	0.0	2.4	1.0	0.0	0.0	-0.6	0.0	2.4	0.0
13	0.0	0.0	0.1	0.0	1.3	0.0	1.3	0.0	0.0	0.0	2.7	0.0	-3.0	0.0
14	0.0	0.0	-3.1	0.0	-3.5	0.0	2.3	1.0	0.0	0.0	-0.5	0.0	2.3	0.0
15	0.0	0.0	0.0	0.0	1.2	0.0	1.2	0.0	0.0	0.0	2.6	0.0	-2.9	0.0
16	0.0	0.0	-3.1	0.0	-3.5	0.0	2.2	1.0	0.0	0.0	-0.5	0.0	2.2	0.0
17	0.0	0.0	-0.1	0.0	1.2	0.0	1.2	0.0	0.0	0.0	2.6	0.0	-2.8	0.0
18	0.0	0.0	-0.9	0.0	-0.6	0.0	0.2	.55	0.0	0.0	0.8	0.0	-0.4	0.0
19	0.0	0.0	-1.1	0.0	-0.9	0.0	0.3	.65	0.0	0.0	0.6	0.0	0.0	0.0
20	0.0	0.0	-1.0	0.0	-0.8	0.0	0.2	.6	0.0	0.0	0.6	0.0	-0.1	0.0
21	0.0	0.0	-1.0	0.0	-0.7	0.0	0.2	.6	0.0	0.0	0.7	0.0	-0.3	0.0
22	0.0	0.0	-2.6	0.0	-3.2	0.0	2.4	1.0	0.0	0.0	-0.9	0.0	2.4	0.0

		23	0.0	0.0	0.6	0.0	1.7	0.0	1.7	0.0	0.0	0.0	2.3	0.0	-2.9	0.0
		24	0.0	0.0	-2.5	0.0	-3.1	0.0	2.3	1.0	0.0	0.0	-0.9	0.0	2.3	0.0
		25	0.0	0.0	0.5	0.0	1.6	0.0	1.6	0.0	0.0	0.0	2.2	0.0	-2.7	0.0
D' (5-6)	2	1	0.0	0.0	-2.4	0.0	-0.1	0.0	2.7	1.0	0.0	0.0	-0.8	0.0	2.7	0.0
		2	0.0	0.0	-2.2	0.0	-0.1	0.0	2.4	1.0	0.0	0.0	-0.7	0.0	2.4	0.0
		3	0.0	0.0	-2.2	0.0	-0.1	0.0	2.4	1.0	0.0	0.0	-0.7	0.0	2.4	0.0
		4	0.0	0.0	-2.2	0.0	-0.1	0.0	2.4	1.0	0.0	0.0	-0.7	0.0	2.4	0.0
		5	0.0	0.0	-2.2	0.0	-0.1	0.0	2.5	1.0	0.0	0.0	-0.7	0.0	2.5	0.0
		6	0.0	0.0	-2.2	0.0	-0.1	0.0	2.4	1.0	0.0	0.0	-0.7	0.0	2.4	0.0
		7	0.0	0.0	-2.2	0.0	-0.1	0.0	2.4	1.0	0.0	0.0	-0.7	0.0	2.4	0.0
		8	0.0	0.0	-2.2	0.0	-0.1	0.0	2.4	1.0	0.0	0.0	-0.7	0.0	2.4	0.0
		9	0.0	0.0	-2.2	0.0	-0.1	0.0	2.5	1.0	0.0	0.0	-0.7	0.0	2.5	0.0
		10	0.0	0.0	-2.2	0.0	-0.1	0.0	2.5	1.0	0.0	0.0	-0.7	0.0	2.5	0.0
		11	0.0	0.0	-2.2	0.0	-0.1	0.0	2.4	1.0	0.0	0.0	-0.7	0.0	2.4	0.0
		12	0.0	0.0	-2.2	0.0	-0.1	0.0	2.5	1.0	0.0	0.0	-0.7	0.0	2.5	0.0
		13	0.0	0.0	-2.2	0.0	-0.1	0.0	2.4	1.0	0.0	0.0	-0.7	0.0	2.4	0.0
		14	0.0	0.0	-2.2	0.0	-0.1	0.0	2.5	1.0	0.0	0.0	-0.7	0.0	2.5	0.0
		15	0.0	0.0	-2.2	0.0	-0.1	0.0	2.4	1.0	0.0	0.0	-0.7	0.0	2.4	0.0
		16	0.0	0.0	-2.2	0.0	-0.1	0.0	2.5	1.0	0.0	0.0	-0.7	0.0	2.5	0.0
		17	0.0	0.0	-2.2	0.0	-0.1	0.0	2.4	1.0	0.0	0.0	-0.7	0.0	2.4	0.0
		18	0.0	0.0	-1.4	0.0	-0.1	0.0	1.6	1.0	0.0	0.0	-0.5	0.0	1.6	0.0
		19	0.0	0.0	-1.4	0.0	-0.1	0.0	1.6	1.0	0.0	0.0	-0.4	0.0	1.6	0.0
		20	0.0	0.0	-1.4	0.0	-0.1	0.0	1.6	1.0	0.0	0.0	-0.5	0.0	1.6	0.0
		21	0.0	0.0	-1.4	0.0	-0.1	0.0	1.6	1.0	0.0	0.0	-0.4	0.0	1.6	0.0
		22	0.0	0.0	-1.4	0.0	-0.1	0.0	1.6	1.0	0.0	0.0	-0.5	0.0	1.6	0.0
		23	0.0	0.0	-1.4	0.0	-0.1	0.0	1.5	1.0	0.0	0.0	-0.4	0.0	1.5	0.0
		24	0.0	0.0	-1.4	0.0	-0.1	0.0	1.6	1.0	0.0	0.0	-0.5	0.0	1.6	0.0
		25	0.0	0.0	-1.4	0.0	-0.1	0.0	1.5	1.0	0.0	0.0	-0.4	0.0	1.5	0.0
D' (6-7)	2	1	0.0	0.0	-0.8	0.0	2.7	0.0	3.0	.25	0.0	0.0	2.3	0.0	0.0	0.0
		2	0.0	0.0	-0.7	0.0	2.4	0.0	2.7	.25	0.0	0.0	2.1	0.0	0.0	0.0
		3	0.0	0.0	-0.7	0.0	2.4	0.0	2.7	.25	0.0	0.0	2.1	0.0	0.0	0.0
		4	0.0	0.0	-0.7	0.0	2.4	0.0	2.7	.25	0.0	0.0	2.1	0.0	0.0	0.0
		5	0.0	0.0	-0.7	0.0	2.5	0.0	2.7	.25	0.0	0.0	2.1	0.0	0.0	0.0
		6	0.0	0.0	-0.7	0.0	2.4	0.0	2.7	.25	0.0	0.0	2.1	0.0	0.0	0.0
		7	0.0	0.0	-0.7	0.0	2.4	0.0	2.7	.25	0.0	0.0	2.1	0.0	0.0	0.0
		8	0.0	0.0	-0.7	0.0	2.4	0.0	2.7	.25	0.0	0.0	2.1	0.0	0.0	0.0
		9	0.0	0.0	-0.7	0.0	2.5	0.0	2.7	.25	0.0	0.0	2.1	0.0	0.0	0.0
		10	0.0	0.0	-0.7	0.0	2.5	0.0	2.8	.25	0.0	0.0	2.1	0.0	0.1	0.0
		11	0.0	0.0	-0.7	0.0	2.4	0.0	2.7	.25	0.0	0.0	2.1	0.0	-0.1	0.0
		12	0.0	0.0	-0.7	0.0	2.5	0.0	2.8	.25	0.0	0.0	2.1	0.0	0.1	0.0
		13	0.0	0.0	-0.7	0.0	2.4	0.0	2.7	.25	0.0	0.0	2.1	0.0	-0.1	0.0
		14	0.0	0.0	-0.7	0.0	2.5	0.0	2.8	.25	0.0	0.0	2.1	0.0	0.1	0.0
		15	0.0	0.0	-0.7	0.0	2.4	0.0	2.7	.25	0.0	0.0	2.1	0.0	-0.1	0.0
		16	0.0	0.0	-0.7	0.0	2.5	0.0	2.8	.25	0.0	0.0	2.1	0.0	0.1	0.0

		17	0.0	0.0	-0.7	0.0	2.4	0.0	2.7	.25	0.0	0.0	2.1	0.0	-0.1	0.0
		18	0.0	0.0	-0.5	0.0	1.6	0.0	1.8	.25	0.0	0.0	1.4	0.0	0.0	0.0
		19	0.0	0.0	-0.4	0.0	1.6	0.0	1.8	.25	0.0	0.0	1.4	0.0	0.0	0.0
		20	0.0	0.0	-0.5	0.0	1.6	0.0	1.8	.25	0.0	0.0	1.4	0.0	0.0	0.0
		21	0.0	0.0	-0.4	0.0	1.6	0.0	1.8	.25	0.0	0.0	1.4	0.0	0.0	0.0
		22	0.0	0.0	-0.5	0.0	1.6	0.0	1.8	.25	0.0	0.0	1.3	0.0	0.1	0.0
		23	0.0	0.0	-0.4	0.0	1.5	0.0	1.7	.25	0.0	0.0	1.4	0.0	-0.1	0.0
		24	0.0	0.0	-0.5	0.0	1.6	0.0	1.8	.25	0.0	0.0	1.4	0.0	0.1	0.0
		25	0.0	0.0	-0.4	0.0	1.5	0.0	1.7	.25	0.0	0.0	1.4	0.0	-0.1	0.0
E (1-2)	2	1	0.0	0.0	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.1	-1.4	0.0
		2	0.0	0.0	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.1	-1.3	0.0
		3	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	-1.3	0.0
		4	0.0	0.0	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.1	-1.3	0.0
		5	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	-1.3	0.0
		6	0.0	0.0	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.2	-1.4	0.0
		7	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	-1.3	0.0
		8	0.0	0.0	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.2	-1.4	0.0
		9	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	-1.3	0.0
		10	0.0	0.0	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.1	-1.3	0.0
		11	0.0	0.0	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.1	-1.3	0.0
		12	0.0	0.0	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.1	-1.3	0.0
		13	0.0	0.0	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.1	-1.3	0.0
		14	0.0	0.0	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.1	-1.3	0.0
		15	0.0	0.0	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.1	-1.3	0.0
		16	0.0	0.0	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.1	-1.3	0.0
		17	0.0	0.0	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.1	-1.3	0.0
		18	0.0	0.0	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.1	-0.9	0.0
		19	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	-0.8	0.0
		20	0.0	0.0	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.1	-0.9	0.0
		21	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	-0.8	0.0
		22	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.1	-0.8	0.0
		23	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.1	-0.8	0.0
		24	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.1	-0.8	0.0
		25	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.1	-0.8	0.0
E (2-3)	2	1	0.0	0.0	-0.6	0.0	-0.3	0.0	0.0	.55	0.0	0.0	0.5	0.0	-0.2	0.0
		2	0.0	0.0	-1.1	0.0	-1.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	0.0
		3	0.0	0.0	-0.1	0.0	0.6	0.0	0.6	.1	0.0	0.0	0.9	0.0	-0.1	0.0
		4	0.0	0.0	-0.1	0.0	0.6	0.0	0.6	.05	0.0	0.0	1.0	0.0	-0.1	0.0
		5	0.0	0.0	-1.1	0.0	-1.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	0.0
		6	0.0	0.0	-1.1	0.0	-1.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.2	0.0
		7	0.0	0.0	-0.1	0.0	0.6	0.0	0.6	.05	0.0	0.0	1.0	0.0	-0.1	0.0
		8	0.0	0.0	-0.1	0.0	0.5	0.0	0.5	.1	0.0	0.0	0.9	0.0	-0.1	0.0
		9	0.0	0.0	-1.1	0.0	-1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0
		10	0.0	0.0	-2.3	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.2	0.0	-0.2	0.0

11	0.0	0.0	1.1	0.0	2.5	0.0	2.5	0.0	0.0	0.0	2.1	0.0	-0.1	0.0
12	0.0	0.0	-2.3	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.3	0.0	-0.2	0.0
13	0.0	0.0	1.1	0.0	2.5	0.0	2.5	0.0	0.0	0.0	2.1	0.0	-0.1	0.0
14	0.0	0.0	-2.3	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.2	0.0	-0.2	0.0
15	0.0	0.0	1.1	0.0	2.5	0.0	2.5	0.0	0.0	0.0	2.1	0.0	-0.1	0.0
16	0.0	0.0	-2.3	0.0	-2.9	0.0	0.0	0.0	0.0	0.0	-1.2	0.0	-0.2	0.0
17	0.0	0.0	1.1	0.0	2.4	0.0	2.4	0.0	0.0	0.0	2.1	0.0	-0.1	0.0
18	0.0	0.0	-0.4	0.0	-0.1	0.0	0.0	.55	0.0	0.0	0.3	0.0	-0.1	0.0
19	0.0	0.0	-0.4	0.0	-0.2	0.0	0.0	.6	0.0	0.0	0.3	0.0	-0.1	0.0
20	0.0	0.0	-0.4	0.0	-0.2	0.0	0.0	.6	0.0	0.0	0.3	0.0	-0.1	0.0
21	0.0	0.0	-0.4	0.0	-0.1	0.0	0.0	.55	0.0	0.0	0.3	0.0	-0.1	0.0
22	0.0	0.0	-2.1	0.0	-2.9	0.0	0.0	0.0	0.0	0.0	-1.4	0.0	-0.1	0.0
23	0.0	0.0	1.3	0.0	2.6	0.0	2.6	0.0	0.0	0.0	2.0	0.0	0.0	0.0
24	0.0	0.0	-2.1	0.0	-2.9	0.0	0.0	0.0	0.0	0.0	-1.4	0.0	-0.1	0.0
25	0.0	0.0	1.3	0.0	2.5	0.0	2.5	0.0	0.0	0.0	2.0	0.0	0.0	0.0

E (3-4)

2

1	0.0	0.0	0.6	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	1.7	0.0	-2.0	0.0
2	0.0	0.0	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	1.1	0.0	-1.0	0.0
3	0.0	0.0	1.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	2.1	0.0	-2.6	0.0
4	0.0	0.0	1.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	2.1	0.0	-2.6	0.0
5	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	1.0	0.0	-1.0	0.0
6	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	1.1	0.0	-1.0	0.0
7	0.0	0.0	1.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	2.1	0.0	-2.6	0.0
8	0.0	0.0	1.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	2.1	0.0	-2.6	0.0
9	0.0	0.0	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	1.1	0.0	-1.0	0.0
10	0.0	0.0	-1.1	0.0	-0.2	0.0	0.8	1.0	0.0	0.0	-0.1	0.0	0.8	0.0
11	0.0	0.0	2.2	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	3.3	0.0	-4.5	0.0
12	0.0	0.0	-1.1	0.0	-0.2	0.0	0.8	1.0	0.0	0.0	-0.1	0.0	0.8	0.0
13	0.0	0.0	2.2	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	3.3	0.0	-4.5	0.0
14	0.0	0.0	-1.1	0.0	-0.2	0.0	0.8	1.0	0.0	0.0	-0.1	0.0	0.8	0.0
15	0.0	0.0	2.2	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	3.2	0.0	-4.5	0.0
16	0.0	0.0	-1.1	0.0	-0.2	0.0	0.8	1.0	0.0	0.0	-0.1	0.0	0.8	0.0
17	0.0	0.0	2.2	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	3.2	0.0	-4.4	0.0
18	0.0	0.0	0.4	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	1.0	0.0	-1.2	0.0
19	0.0	0.0	0.3	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	1.0	0.0	-1.2	0.0
20	0.0	0.0	0.3	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	1.0	0.0	-1.2	0.0
21	0.0	0.0	0.4	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	1.0	0.0	-1.2	0.0
22	0.0	0.0	-1.3	0.0	-0.1	0.0	1.5	1.0	0.0	0.0	-0.7	0.0	1.5	0.0
23	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	-3.8	0.0
24	0.0	0.0	-1.3	0.0	-0.1	0.0	1.5	1.0	0.0	0.0	-0.6	0.0	1.5	0.0
25	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	-3.8	0.0

E (4-5)

2

1	0.0	0.0	-5.8	0.0	-8.1	0.0	0.2	1.0	0.0	0.0	-4.7	0.0	0.2	0.0
2	0.0	0.0	-5.4	-0.1	-7.6	0.0	0.1	1.0	0.0	0.0	-4.4	-0.1	0.1	0.0
3	0.0	0.0	-5.2	0.0	-7.3	0.0	0.2	1.0	0.0	0.0	-4.2	0.0	0.2	0.0
4	0.0	0.0	-5.2	-0.1	-7.3	0.0	0.2	1.0	0.0	0.0	-4.2	-0.1	0.2	0.0



5	0.0	0.0	-5.4	0.0	-7.6	0.0	0.1	1.0	0.0	0.0	-4.4	0.0	0.1	0.0
6	0.0	0.0	-5.4	-0.1	-7.6	0.0	0.1	1.0	0.0	0.0	-4.4	-0.1	0.1	0.0
7	0.0	0.0	-5.2	0.0	-7.3	0.0	0.2	1.0	0.0	0.0	-4.2	0.0	0.2	0.0
8	0.0	0.0	-5.2	-0.1	-7.3	0.0	0.2	1.0	0.0	0.0	-4.2	-0.1	0.2	0.0
9	0.0	0.0	-5.4	0.0	-7.6	0.0	0.1	1.0	0.0	0.0	-4.4	0.0	0.1	0.0
10	0.0	0.0	-5.6	0.0	-8.0	0.0	0.1	1.0	0.0	0.0	-4.6	0.0	0.1	0.0
11	0.0	0.0	-5.0	0.0	-6.9	0.0	0.2	1.0	0.0	0.0	-3.9	0.0	0.2	0.0
12	0.0	0.0	-5.6	0.0	-8.0	0.0	0.1	1.0	0.0	0.0	-4.6	0.0	0.1	0.0
13	0.0	0.0	-5.0	0.0	-6.9	0.0	0.2	1.0	0.0	0.0	-3.9	0.0	0.2	0.0
14	0.0	0.0	-5.6	0.0	-8.0	0.0	0.1	1.0	0.0	0.0	-4.6	0.0	0.1	0.0
15	0.0	0.0	-5.0	0.0	-6.9	0.0	0.2	1.0	0.0	0.0	-3.9	0.0	0.2	0.0
16	0.0	0.0	-5.6	0.0	-8.0	0.0	0.1	1.0	0.0	0.0	-4.6	0.0	0.1	0.0
17	0.0	0.0	-5.0	0.0	-6.9	0.0	0.2	1.0	0.0	0.0	-3.9	0.0	0.2	0.0
18	0.0	0.0	-3.4	0.0	-4.7	0.0	0.1	1.0	0.0	0.0	-2.7	0.0	0.1	0.0
19	0.0	0.0	-3.4	0.0	-4.7	0.0	0.1	1.0	0.0	0.0	-2.7	0.0	0.1	0.0
20	0.0	0.0	-3.4	-0.1	-4.8	0.0	0.1	1.0	0.0	0.0	-2.7	-0.1	0.1	0.0
21	0.0	0.0	-3.4	0.0	-4.7	0.0	0.1	1.0	0.0	0.0	-2.7	0.0	0.1	0.0
22	0.0	0.0	-3.7	0.0	-5.3	0.0	0.1	1.0	0.0	0.0	-3.0	0.0	0.1	0.0
23	0.0	0.0	-3.0	0.0	-4.2	0.0	0.2	1.0	0.0	0.0	-2.4	0.0	0.2	0.0
24	0.0	0.0	-3.7	0.0	-5.3	0.0	0.1	1.0	0.0	0.0	-3.0	0.0	0.1	0.0
25	0.0	0.0	-3.1	0.0	-4.2	0.0	0.1	1.0	0.0	0.0	-2.4	0.0	0.1	0.0
F (13-14)	2	1	5.8	-0.5	2.1	0.0	2.6	0.2	2.6	0.0	5.8	-0.5	2.4	0.0
		2	5.1	-1.0	0.1	-0.1	1.2	0.0	1.2	0.0	5.1	-1.0	0.4	-0.1
		3	4.9	0.1	3.5	0.0	3.2	0.3	3.2	0.0	4.9	0.1	3.8	0.0
		4	5.2	-1.0	4.4	-0.1	3.7	-0.1	3.7	0.0	5.2	-1.0	4.7	-0.1
		5	4.8	0.2	-0.8	0.0	0.7	0.4	1.5	1.0	4.8	0.2	-0.4	0.0
		6	5.1	-0.8	0.0	-0.1	1.1	0.1	1.1	.05	5.1	-0.8	0.3	-0.1
		7	4.9	0.0	3.6	0.0	3.3	0.2	3.3	0.0	4.9	0.0	3.9	0.0
		8	5.1	-0.8	4.2	-0.1	3.6	0.0	3.6	0.0	5.1	-0.8	4.5	-0.1
		9	4.9	0.0	-0.6	0.0	0.8	0.3	1.4	1.0	4.9	0.0	-0.3	0.0
		10	4.9	-0.5	-5.2	0.0	-1.9	0.2	4.0	1.0	4.9	-0.5	-4.8	0.0
		11	5.1	-0.3	8.7	0.0	6.3	0.1	6.3	0.0	5.1	-0.3	9.1	0.0
		12	4.9	-0.2	-5.5	0.0	-2.0	0.4	4.1	1.0	4.9	-0.2	-5.1	0.0
		13	5.1	-0.7	9.0	0.0	6.5	-0.1	6.5	0.0	5.1	-0.7	9.4	0.0
		14	5.0	-0.6	-5.2	0.0	-1.9	0.2	4.0	1.0	5.0	-0.6	-4.8	0.0
		15	5.0	-0.3	8.7	0.0	6.3	0.1	6.3	0.0	5.0	-0.3	9.1	0.0
		16	4.9	-0.3	-5.3	0.0	-2.0	0.3	4.1	1.0	4.9	-0.3	-5.0	0.0
		17	5.1	-0.5	8.9	0.0	6.4	0.0	6.4	0.0	5.1	-0.5	9.2	0.0
		18	2.9	-0.8	1.4	-0.1	1.5	-0.1	1.5	0.0	2.9	-0.8	1.7	-0.1
		19	2.7	0.3	0.5	0.0	1.0	0.3	1.0	0.0	2.7	0.3	0.8	0.0
		20	2.9	-0.6	1.3	-0.1	1.4	0.0	1.4	0.0	2.9	-0.6	1.5	-0.1
		21	2.7	0.2	0.7	0.0	1.1	0.2	1.1	0.0	2.7	0.2	0.9	0.0
		22	2.7	-0.2	-6.1	0.0	-2.9	0.2	4.1	1.0	2.7	-0.2	-5.9	0.0
		23	2.9	-0.3	8.1	0.0	5.4	-0.1	5.4	0.0	2.9	-0.3	8.3	0.0
		24	2.7	-0.3	-6.0	0.0	-2.9	0.2	4.0	1.0	2.7	-0.3	-5.8	0.0

		25	2.9	-0.2	8.0	0.0	5.4	0.0	5.4	0.0	2.9	-0.2	8.3	0.0	-4.1	0.2
F' (5-6)	2	1	0.0	0.0	-1.3	0.0	-0.1	0.0	1.2	1.0	0.0	0.0	-0.2	0.0	1.2	0.0
		2	0.0	0.0	-1.2	0.0	-0.1	0.0	1.1	1.0	0.0	0.0	-0.2	0.0	1.1	0.0
		3	0.0	0.0	-1.2	0.0	-0.2	0.0	1.1	1.0	0.0	0.0	-0.2	0.0	1.1	0.0
		4	0.0	0.0	-1.2	0.0	-0.1	0.0	1.1	1.0	0.0	0.0	-0.2	0.0	1.1	0.0
		5	0.0	0.0	-1.2	0.0	-0.1	0.0	1.1	1.0	0.0	0.0	-0.2	0.0	1.1	0.0
		6	0.0	0.0	-1.2	0.0	-0.1	0.0	1.1	1.0	0.0	0.0	-0.2	0.0	1.1	0.0
		7	0.0	0.0	-1.2	0.0	-0.2	0.0	1.1	1.0	0.0	0.0	-0.2	0.0	1.1	0.0
		8	0.0	0.0	-1.2	0.0	-0.1	0.0	1.1	1.0	0.0	0.0	-0.2	0.0	1.1	0.0
		9	0.0	0.0	-1.2	0.0	-0.1	0.0	1.1	1.0	0.0	0.0	-0.2	0.0	1.1	0.0
		10	0.0	0.0	-1.2	0.0	-0.1	0.0	1.1	1.0	0.0	0.0	-0.2	0.0	1.1	0.0
		11	0.0	0.0	-1.2	0.0	-0.2	0.0	1.0	1.0	0.0	0.0	-0.2	0.0	1.0	0.0
		12	0.0	0.0	-1.2	0.0	-0.1	0.0	1.1	1.0	0.0	0.0	-0.2	0.0	1.1	0.0
		13	0.0	0.0	-1.1	0.0	-0.1	0.0	1.1	1.0	0.0	0.0	-0.2	0.0	1.1	0.0
		14	0.0	0.0	-1.2	0.0	-0.1	0.0	1.1	1.0	0.0	0.0	-0.2	0.0	1.1	0.0
		15	0.0	0.0	-1.2	0.0	-0.2	0.0	1.0	1.0	0.0	0.0	-0.2	0.0	1.0	0.0
		16	0.0	0.0	-1.2	0.0	-0.1	0.0	1.1	1.0	0.0	0.0	-0.2	0.0	1.1	0.0
		17	0.0	0.0	-1.1	0.0	-0.1	0.0	1.0	1.0	0.0	0.0	-0.2	0.0	1.0	0.0
		18	0.0	0.0	-0.7	0.0	-0.1	0.0	0.7	1.0	0.0	0.0	-0.1	0.0	0.7	0.0
		19	0.0	0.0	-0.7	0.0	-0.1	0.0	0.7	1.0	0.0	0.0	-0.1	0.0	0.7	0.0
		20	0.0	0.0	-0.7	0.0	-0.1	0.0	0.7	1.0	0.0	0.0	-0.1	0.0	0.7	0.0
		21	0.0	0.0	-0.7	0.0	-0.1	0.0	0.7	1.0	0.0	0.0	-0.1	0.0	0.7	0.0
		22	0.0	0.0	-0.7	0.0	-0.1	0.0	0.7	1.0	0.0	0.0	-0.1	0.0	0.7	0.0
		23	0.0	0.0	-0.7	0.0	-0.1	0.0	0.7	1.0	0.0	0.0	-0.1	0.0	0.7	0.0
		24	0.0	0.0	-0.7	0.0	-0.1	0.0	0.7	1.0	0.0	0.0	-0.1	0.0	0.7	0.0
		25	0.0	0.0	-0.7	0.0	-0.1	0.0	0.6	1.0	0.0	0.0	-0.1	0.0	0.6	0.0
F' (6-7)	2	1	0.0	0.0	-0.2	0.0	1.2	0.0	1.2	.1	0.0	0.0	1.8	0.0	-1.6	0.0
		2	0.0	0.0	-0.2	0.0	1.1	0.0	1.1	.1	0.0	0.0	1.7	0.0	-1.4	0.0
		3	0.0	0.0	-0.2	0.0	1.1	0.0	1.1	.1	0.0	0.0	1.7	0.0	-1.4	0.0
		4	0.0	0.0	-0.2	0.0	1.1	0.0	1.1	.1	0.0	0.0	1.7	0.0	-1.4	0.0
		5	0.0	0.0	-0.2	0.0	1.1	0.0	1.1	.1	0.0	0.0	1.6	0.0	-1.4	0.0
		6	0.0	0.0	-0.2	0.0	1.1	0.0	1.1	.1	0.0	0.0	1.7	0.0	-1.4	0.0
		7	0.0	0.0	-0.2	0.0	1.1	0.0	1.1	.1	0.0	0.0	1.6	0.0	-1.4	0.0
		8	0.0	0.0	-0.2	0.0	1.1	0.0	1.1	.1	0.0	0.0	1.7	0.0	-1.5	0.0
		9	0.0	0.0	-0.2	0.0	1.1	0.0	1.1	.1	0.0	0.0	1.6	0.0	-1.4	0.0
		10	0.0	0.0	-0.2	0.0	1.1	0.0	1.1	.1	0.0	0.0	1.6	0.0	-1.4	0.0
		11	0.0	0.0	-0.2	0.0	1.0	0.0	1.1	.1	0.0	0.0	1.7	0.0	-1.5	0.0
		12	0.0	0.0	-0.2	0.0	1.1	0.0	1.1	.1	0.0	0.0	1.6	0.0	-1.4	0.0
		13	0.0	0.0	-0.2	0.0	1.1	0.0	1.1	.1	0.0	0.0	1.7	0.0	-1.5	0.0
		14	0.0	0.0	-0.2	0.0	1.1	0.0	1.1	.1	0.0	0.0	1.6	0.0	-1.4	0.0
		15	0.0	0.0	-0.2	0.0	1.0	0.0	1.1	.1	0.0	0.0	1.7	0.0	-1.5	0.0
		16	0.0	0.0	-0.2	0.0	1.1	0.0	1.1	.1	0.0	0.0	1.6	0.0	-1.4	0.0
		17	0.0	0.0	-0.2	0.0	1.0	0.0	1.1	.1	0.0	0.0	1.7	0.0	-1.5	0.0
		18	0.0	0.0	-0.1	0.0	0.7	0.0	0.7	.1	0.0	0.0	1.0	0.0	-0.9	0.0

		19	0.0	0.0	-0.1	0.0	0.7	0.0	0.7	.1	0.0	0.0	1.0	0.0	-0.9	0.0
		20	0.0	0.0	-0.1	0.0	0.7	0.0	0.7	.1	0.0	0.0	1.0	0.0	-0.9	0.0
		21	0.0	0.0	-0.1	0.0	0.7	0.0	0.7	.1	0.0	0.0	1.0	0.0	-0.9	0.0
		22	0.0	0.0	-0.1	0.0	0.7	0.0	0.7	.1	0.0	0.0	1.0	0.0	-0.8	0.0
		23	0.0	0.0	-0.1	0.0	0.7	0.0	0.7	.1	0.0	0.0	1.0	0.0	-0.9	0.0
		24	0.0	0.0	-0.1	0.0	0.7	0.0	0.7	.1	0.0	0.0	1.0	0.0	-0.8	0.0
		25	0.0	0.0	-0.1	0.0	0.6	0.0	0.7	.1	0.0	0.0	1.0	0.0	-0.9	0.0
F' (7-8)	2	1	0.0	0.0	-1.4	0.0	-1.5	0.0	0.0	.7	0.0	0.0	0.6	0.0	-0.3	0.0
		2	0.0	0.0	-1.2	0.0	-1.4	0.0	0.0	.7	0.0	0.0	0.5	0.0	-0.3	0.0
		3	0.0	0.0	-1.2	0.0	-1.4	0.0	0.0	.7	0.0	0.0	0.5	0.0	-0.2	0.0
		4	0.0	0.0	-1.2	0.0	-1.3	0.0	0.0	.7	0.0	0.0	0.6	0.0	-0.3	0.0
		5	0.0	0.0	-1.2	0.0	-1.4	0.0	0.1	.7	0.0	0.0	0.5	0.0	-0.2	0.0
		6	0.0	0.0	-1.2	0.0	-1.4	0.0	0.0	.7	0.0	0.0	0.5	0.0	-0.3	0.0
		7	0.0	0.0	-1.2	0.0	-1.4	0.0	0.0	.7	0.0	0.0	0.5	0.0	-0.2	0.0
		8	0.0	0.0	-1.2	0.0	-1.3	0.0	0.0	0.0	0.0	0.0	0.6	0.0	-0.3	0.0
		9	0.0	0.0	-1.2	0.0	-1.4	0.0	0.1	.7	0.0	0.0	0.5	0.0	-0.2	0.0
		10	0.0	0.0	-1.2	0.0	-1.4	0.0	0.0	.7	0.0	0.0	0.5	0.0	-0.2	0.0
		11	0.0	0.0	-1.2	0.0	-1.3	0.0	0.0	.7	0.0	0.0	0.6	0.0	-0.3	0.0
		12	0.0	0.0	-1.3	0.0	-1.4	0.0	0.0	.7	0.0	0.0	0.5	0.0	-0.2	0.0
		13	0.0	0.0	-1.2	0.0	-1.3	0.0	0.0	.7	0.0	0.0	0.6	0.0	-0.3	0.0
		14	0.0	0.0	-1.2	0.0	-1.4	0.0	0.0	.7	0.0	0.0	0.5	0.0	-0.2	0.0
		15	0.0	0.0	-1.2	0.0	-1.3	0.0	0.0	.7	0.0	0.0	0.6	0.0	-0.3	0.0
		16	0.0	0.0	-1.3	0.0	-1.4	0.0	0.1	.7	0.0	0.0	0.5	0.0	-0.2	0.0
		17	0.0	0.0	-1.2	0.0	-1.3	0.0	0.0	.7	0.0	0.0	0.6	0.0	-0.3	0.0
		18	0.0	0.0	-0.8	0.0	-0.8	0.0	0.0	0.0	0.0	0.0	0.4	0.0	-0.2	0.0
		19	0.0	0.0	-0.8	0.0	-0.9	0.0	0.0	.7	0.0	0.0	0.3	0.0	-0.1	0.0
		20	0.0	0.0	-0.8	0.0	-0.8	0.0	0.0	0.0	0.0	0.0	0.4	0.0	-0.2	0.0
		21	0.0	0.0	-0.8	0.0	-0.9	0.0	0.0	.7	0.0	0.0	0.3	0.0	-0.1	0.0
		22	0.0	0.0	-0.8	0.0	-0.9	0.0	0.0	.7	0.0	0.0	0.3	0.0	-0.1	0.0
		23	0.0	0.0	-0.7	0.0	-0.8	0.0	0.0	.65	0.0	0.0	0.4	0.0	-0.2	0.0
		24	0.0	0.0	-0.8	0.0	-0.9	0.0	0.0	.7	0.0	0.0	0.3	0.0	-0.1	0.0
		25	0.0	0.0	-0.7	0.0	-0.8	0.0	0.0	.65	0.0	0.0	0.4	0.0	-0.2	0.0
F' (8-9)	2	1	0.0	0.0	-0.8	0.0	-0.3	0.0	0.3	.4	0.0	0.0	1.1	0.0	-0.8	0.0
		2	0.0	0.0	-0.7	0.0	-0.3	0.0	0.2	.4	0.0	0.0	1.0	0.0	-0.7	0.0
		3	0.0	0.0	-0.7	0.0	-0.2	0.0	0.3	.4	0.0	0.0	1.1	0.0	-0.8	0.0
		4	0.0	0.0	-0.7	0.0	-0.3	0.0	0.2	.4	0.0	0.0	1.0	0.0	-0.8	0.0
		5	0.0	0.0	-0.7	0.0	-0.2	0.0	0.3	.4	0.0	0.0	1.0	0.0	-0.8	0.0
		6	0.0	0.0	-0.7	0.0	-0.3	0.0	0.2	.4	0.0	0.0	1.0	0.0	-0.7	0.0
		7	0.0	0.0	-0.7	0.0	-0.2	0.0	0.3	.4	0.0	0.0	1.1	0.0	-0.8	0.0
		8	0.0	0.0	-0.7	0.0	-0.3	0.0	0.2	.4	0.0	0.0	1.0	0.0	-0.8	0.0
		9	0.0	0.0	-0.7	0.0	-0.2	0.0	0.3	.4	0.0	0.0	1.0	0.0	-0.8	0.0
		10	0.0	0.0	-0.8	0.0	-0.3	0.0	0.2	.45	0.0	0.0	1.0	0.0	-0.7	0.0
		11	0.0	0.0	-0.7	0.0	-0.2	0.0	0.3	.4	0.0	0.0	1.1	0.0	-0.8	0.0
		12	0.0	0.0	-0.7	0.0	-0.3	0.0	0.2	.4	0.0	0.0	1.0	0.0	-0.7	0.0

		13	0.0	0.0	-0.7	0.0	-0.2	0.0	0.2	.4	0.0	0.0	1.1	0.0	-0.8	0.0
		14	0.0	0.0	-0.8	0.0	-0.3	0.0	0.2	.45	0.0	0.0	1.0	0.0	-0.7	0.0
		15	0.0	0.0	-0.7	0.0	-0.2	0.0	0.3	.4	0.0	0.0	1.1	0.0	-0.8	0.0
		16	0.0	0.0	-0.7	0.0	-0.3	0.0	0.2	.4	0.0	0.0	1.0	0.0	-0.7	0.0
		17	0.0	0.0	-0.7	0.0	-0.2	0.0	0.2	.4	0.0	0.0	1.1	0.0	-0.8	0.0
		18	0.0	0.0	-0.5	0.0	-0.2	0.0	0.1	.4	0.0	0.0	0.6	0.0	-0.5	0.0
		19	0.0	0.0	-0.4	0.0	-0.1	0.0	0.2	.4	0.0	0.0	0.7	0.0	-0.5	0.0
		20	0.0	0.0	-0.5	0.0	-0.2	0.0	0.1	.4	0.0	0.0	0.6	0.0	-0.5	0.0
		21	0.0	0.0	-0.4	0.0	-0.1	0.0	0.2	.4	0.0	0.0	0.7	0.0	-0.5	0.0
		22	0.0	0.0	-0.5	0.0	-0.2	0.0	0.1	.45	0.0	0.0	0.6	0.0	-0.4	0.0
		23	0.0	0.0	-0.4	0.0	-0.1	0.0	0.2	.4	0.0	0.0	0.7	0.0	-0.5	0.0
		24	0.0	0.0	-0.5	0.0	-0.2	0.0	0.2	.45	0.0	0.0	0.6	0.0	-0.4	0.0
		25	0.0	0.0	-0.4	0.0	-0.1	0.0	0.2	.4	0.0	0.0	0.7	0.0	-0.5	0.0
F' (9-10)	2	1	0.0	0.0	-1.3	0.0	-0.8	0.0	0.6	.5	0.0	0.0	1.3	0.0	-0.8	0.0
		2	0.0	0.0	-1.2	0.0	-0.8	0.0	0.5	.5	0.0	0.0	1.1	0.0	-0.7	0.0
		3	0.0	0.0	-1.2	0.0	-0.8	0.0	0.5	.5	0.0	0.0	1.2	0.0	-0.7	0.0
		4	0.0	0.0	-1.2	0.0	-0.7	0.0	0.5	.5	0.0	0.0	1.2	0.0	-0.7	0.0
		5	0.0	0.0	-1.2	0.0	-0.8	0.0	0.5	.5	0.0	0.0	1.1	0.0	-0.7	0.0
		6	0.0	0.0	-1.2	0.0	-0.8	0.0	0.5	.5	0.0	0.0	1.1	0.0	-0.7	0.0
		7	0.0	0.0	-1.2	0.0	-0.8	0.0	0.5	.5	0.0	0.0	1.2	0.0	-0.7	0.0
		8	0.0	0.0	-1.2	0.0	-0.7	0.0	0.5	.5	0.0	0.0	1.2	0.0	-0.7	0.0
		9	0.0	0.0	-1.2	0.0	-0.8	0.0	0.5	.5	0.0	0.0	1.1	0.0	-0.7	0.0
		10	0.0	0.0	-1.2	0.0	-0.8	0.0	0.5	.5	0.0	0.0	1.1	0.0	-0.7	0.0
		11	0.0	0.0	-1.2	0.0	-0.7	0.0	0.5	.5	0.0	0.0	1.2	0.0	-0.7	0.0
		12	0.0	0.0	-1.2	0.0	-0.8	0.0	0.5	.5	0.0	0.0	1.1	0.0	-0.7	0.0
		13	0.0	0.0	-1.2	0.0	-0.7	0.0	0.5	.5	0.0	0.0	1.2	0.0	-0.7	0.0
		14	0.0	0.0	-1.2	0.0	-0.8	0.0	0.5	.5	0.0	0.0	1.1	0.0	-0.7	0.0
		15	0.0	0.0	-1.2	0.0	-0.7	0.0	0.5	.5	0.0	0.0	1.2	0.0	-0.7	0.0
		16	0.0	0.0	-1.2	0.0	-0.8	0.0	0.5	.5	0.0	0.0	1.1	0.0	-0.7	0.0
		17	0.0	0.0	-1.2	0.0	-0.7	0.0	0.5	.5	0.0	0.0	1.2	0.0	-0.7	0.0
		18	0.0	0.0	-0.7	0.0	-0.5	0.0	0.3	.5	0.0	0.0	0.7	0.0	-0.4	0.0
		19	0.0	0.0	-0.7	0.0	-0.5	0.0	0.3	.5	0.0	0.0	0.7	0.0	-0.4	0.0
		20	0.0	0.0	-0.7	0.0	-0.5	0.0	0.3	.5	0.0	0.0	0.7	0.0	-0.4	0.0
		21	0.0	0.0	-0.7	0.0	-0.5	0.0	0.3	.5	0.0	0.0	0.7	0.0	-0.4	0.0
		22	0.0	0.0	-0.8	0.0	-0.5	0.0	0.3	.5	0.0	0.0	0.7	0.0	-0.4	0.0
		23	0.0	0.0	-0.7	0.0	-0.4	0.0	0.3	.5	0.0	0.0	0.7	0.0	-0.5	0.0
		24	0.0	0.0	-0.8	0.0	-0.5	0.0	0.3	.5	0.0	0.0	0.7	0.0	-0.4	0.0
		25	0.0	0.0	-0.7	0.0	-0.4	0.0	0.3	.5	0.0	0.0	0.7	0.0	-0.5	0.0
F' (10-11)	2	1	0.0	0.0	-1.1	0.0	-0.8	0.0	0.2	.55	0.0	0.0	0.9	0.0	-0.5	0.0
		2	0.0	0.0	-1.0	0.0	-0.7	0.0	0.2	.55	0.0	0.0	0.8	0.0	-0.4	0.0
		3	0.0	0.0	-1.0	0.0	-0.7	0.0	0.1	.55	0.0	0.0	0.8	0.0	-0.5	0.0
		4	0.0	0.0	-1.0	0.0	-0.7	0.0	0.2	.55	0.0	0.0	0.8	0.0	-0.4	0.0
		5	0.0	0.0	-1.0	0.0	-0.7	0.0	0.2	.55	0.0	0.0	0.8	0.0	-0.4	0.0

6	0.0	0.0	-1.0	0.0	-0.7	0.0	0.2	.55	0.0	0.0	0.8	0.0	-0.4	0.0
7	0.0	0.0	-1.0	0.0	-0.7	0.0	0.2	.55	0.0	0.0	0.8	0.0	-0.5	0.0
8	0.0	0.0	-1.0	0.0	-0.7	0.0	0.2	.55	0.0	0.0	0.8	0.0	-0.4	0.0
9	0.0	0.0	-1.0	0.0	-0.7	0.0	0.2	.55	0.0	0.0	0.8	0.0	-0.4	0.0
10	0.0	0.0	-1.0	0.0	-0.8	0.0	0.2	.55	0.0	0.0	0.8	0.0	-0.3	0.0
11	0.0	0.0	-0.9	0.0	-0.7	0.0	0.1	.55	0.0	0.0	0.8	0.0	-0.5	0.0
12	0.0	0.0	-1.0	0.0	-0.8	0.0	0.2	.55	0.0	0.0	0.8	0.0	-0.3	0.0
13	0.0	0.0	-0.9	0.0	-0.7	0.0	0.1	.55	0.0	0.0	0.8	0.0	-0.5	0.0
14	0.0	0.0	-1.0	0.0	-0.8	0.0	0.2	.55	0.0	0.0	0.7	0.0	-0.3	0.0
15	0.0	0.0	-0.9	0.0	-0.7	0.0	0.1	.55	0.0	0.0	0.8	0.0	-0.5	0.0
16	0.0	0.0	-1.0	0.0	-0.8	0.0	0.2	.55	0.0	0.0	0.8	0.0	-0.3	0.0
17	0.0	0.0	-0.9	0.0	-0.7	0.0	0.2	.55	0.0	0.0	0.8	0.0	-0.5	0.0
18	0.0	0.0	-0.6	0.0	-0.4	0.0	0.1	.55	0.0	0.0	0.5	0.0	-0.3	0.0
19	0.0	0.0	-0.6	0.0	-0.4	0.0	0.1	.55	0.0	0.0	0.5	0.0	-0.3	0.0
20	0.0	0.0	-0.6	0.0	-0.4	0.0	0.1	.55	0.0	0.0	0.5	0.0	-0.3	0.0
21	0.0	0.0	-0.6	0.0	-0.4	0.0	0.1	.55	0.0	0.0	0.5	0.0	-0.3	0.0
22	0.0	0.0	-0.6	0.0	-0.5	0.0	0.1	.6	0.0	0.0	0.5	0.0	-0.2	0.0
23	0.0	0.0	-0.6	0.0	-0.4	0.0	0.1	.5	0.0	0.0	0.5	0.0	-0.4	0.0
24	0.0	0.0	-0.7	0.0	-0.5	0.0	0.1	.6	0.0	0.0	0.5	0.0	-0.2	0.0
25	0.0	0.0	-0.6	0.0	-0.4	0.0	0.1	.5	0.0	0.0	0.5	0.0	-0.4	0.0

F' (11-12)

2	1	0.0	0.0	-1.0	0.0	-0.5	0.0	0.3	.5	0.0	0.0	1.0	0.0	-0.5	0.0
	2	0.0	0.0	-0.8	0.0	-0.4	0.0	0.2	.45	0.0	0.0	0.9	0.0	-0.6	0.0
	3	0.0	0.0	-0.9	0.0	-0.4	0.0	0.3	.5	0.0	0.0	0.9	0.0	-0.4	0.0
	4	0.0	0.0	-0.9	0.0	-0.4	0.0	0.3	.5	0.0	0.0	0.9	0.0	-0.5	0.0
	5	0.0	0.0	-0.9	0.0	-0.4	0.0	0.3	.5	0.0	0.0	0.9	0.0	-0.5	0.0
	6	0.0	0.0	-0.8	0.0	-0.4	0.0	0.2	.5	0.0	0.0	0.9	0.0	-0.5	0.0
	7	0.0	0.0	-0.9	0.0	-0.4	0.0	0.3	.5	0.0	0.0	0.9	0.0	-0.4	0.0
	8	0.0	0.0	-0.9	0.0	-0.4	0.0	0.3	.5	0.0	0.0	0.9	0.0	-0.4	0.0
	9	0.0	0.0	-0.9	0.0	-0.4	0.0	0.3	.5	0.0	0.0	0.9	0.0	-0.5	0.0
	10	0.0	0.0	-0.8	0.0	-0.4	0.0	0.2	.45	0.0	0.0	1.0	0.0	-0.7	0.0
	11	0.0	0.0	-0.9	0.0	-0.4	0.0	0.4	.55	0.0	0.0	0.8	0.0	-0.3	0.0
	12	0.0	0.0	-0.8	0.0	-0.4	0.0	0.2	.45	0.0	0.0	0.9	0.0	-0.6	0.0
	13	0.0	0.0	-0.9	0.0	-0.4	0.0	0.4	.5	0.0	0.0	0.8	0.0	-0.3	0.0
	14	0.0	0.0	-0.8	0.0	-0.4	0.0	0.2	.45	0.0	0.0	1.0	0.0	-0.7	0.0
	15	0.0	0.0	-0.9	0.0	-0.4	0.0	0.4	.55	0.0	0.0	0.8	0.0	-0.3	0.0
	16	0.0	0.0	-0.8	0.0	-0.4	0.0	0.2	.45	0.0	0.0	1.0	0.0	-0.6	0.0
	17	0.0	0.0	-0.9	0.0	-0.4	0.0	0.4	.5	0.0	0.0	0.8	0.0	-0.3	0.0
	18	0.0	0.0	-0.5	0.0	-0.3	0.0	0.2	.5	0.0	0.0	0.6	0.0	-0.3	0.0
	19	0.0	0.0	-0.6	0.0	-0.3	0.0	0.2	.5	0.0	0.0	0.5	0.0	-0.2	0.0
	20	0.0	0.0	-0.5	0.0	-0.3	0.0	0.2	.5	0.0	0.0	0.6	0.0	-0.3	0.0
	21	0.0	0.0	-0.6	0.0	-0.3	0.0	0.2	.5	0.0	0.0	0.6	0.0	-0.3	0.0
	22	0.0	0.0	-0.5	0.0	-0.3	0.0	0.1	.45	0.0	0.0	0.6	0.0	-0.5	0.0
	23	0.0	0.0	-0.6	0.0	-0.3	0.0	0.3	.55	0.0	0.0	0.5	0.0	-0.1	0.0
	24	0.0	0.0	-0.5	0.0	-0.3	0.0	0.1	.45	0.0	0.0	0.6	0.0	-0.5	0.0

	25	0.0	0.0	-0.6	0.0	-0.3	0.0	0.3	.55	0.0	0.0	0.5	0.0	-0.1	0.0	
F' (12-13)	2	1	0.0	0.0	-0.9	0.0	-0.5	0.0	0.2	.85	0.0	0.0	0.2	0.0	0.2	0.0
		2	0.0	0.0	-1.0	0.0	-0.6	0.0	0.3	.95	0.0	0.0	0.0	0.0	0.3	0.0
		3	0.0	0.0	-0.7	0.0	-0.3	0.0	0.1	.7	0.0	0.0	0.3	0.0	0.0	0.0
		4	0.0	0.0	-0.8	0.0	-0.4	0.0	0.1	.75	0.0	0.0	0.2	0.0	0.1	0.0
		5	0.0	0.0	-0.9	0.0	-0.5	0.0	0.3	.9	0.0	0.0	0.1	0.0	0.3	0.0
		6	0.0	0.0	-1.0	0.0	-0.6	0.0	0.3	.95	0.0	0.0	0.0	0.0	0.3	0.0
		7	0.0	0.0	-0.7	0.0	-0.4	0.0	0.1	.7	0.0	0.0	0.3	0.0	0.0	0.0
		8	0.0	0.0	-0.7	0.0	-0.4	0.0	0.1	.75	0.0	0.0	0.3	0.0	0.0	0.0
		9	0.0	0.0	-0.9	0.0	-0.5	0.0	0.3	.95	0.0	0.0	0.1	0.0	0.3	0.0
		10	0.0	0.0	-1.2	0.0	-0.7	0.0	0.5	1.0	0.0	0.0	-0.2	0.0	0.5	0.0
		11	0.0	0.0	-0.5	0.0	-0.2	0.0	0.0	.5	0.0	0.0	0.5	0.0	-0.2	0.0
		12	0.0	0.0	-1.2	0.0	-0.7	0.0	0.5	1.0	0.0	0.0	-0.2	0.0	0.5	0.0
		13	0.0	0.0	-0.5	0.0	-0.2	0.0	0.0	.5	0.0	0.0	0.5	0.0	-0.2	0.0
		14	0.0	0.0	-1.2	0.0	-0.7	0.0	0.6	1.0	0.0	0.0	-0.2	0.0	0.6	0.0
		15	0.0	0.0	-0.5	0.0	-0.2	0.0	0.0	.5	0.0	0.0	0.5	0.0	-0.2	0.0
		16	0.0	0.0	-1.2	0.0	-0.7	0.0	0.6	1.0	0.0	0.0	-0.2	0.0	0.6	0.0
		17	0.0	0.0	-0.5	0.0	-0.2	0.0	0.0	.5	0.0	0.0	0.5	0.0	-0.2	0.0
		18	0.0	0.0	-0.6	0.0	-0.3	0.0	0.1	.9	0.0	0.0	0.1	0.0	0.1	0.0
		19	0.0	0.0	-0.5	0.0	-0.2	0.0	0.1	.8	0.0	0.0	0.1	0.0	0.1	0.0
		20	0.0	0.0	-0.5	0.0	-0.3	0.0	0.1	.85	0.0	0.0	0.1	0.0	0.1	0.0
		21	0.0	0.0	-0.5	0.0	-0.3	0.0	0.1	.8	0.0	0.0	0.1	0.0	0.1	0.0
		22	0.0	0.0	-0.9	0.0	-0.5	0.0	0.5	1.0	0.0	0.0	-0.2	0.0	0.5	0.0
		23	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	.3	0.0	0.0	0.4	0.0	-0.3	0.0
		24	0.0	0.0	-0.9	0.0	-0.6	0.0	0.5	1.0	0.0	0.0	-0.3	0.0	0.5	0.0
		25	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	.25	0.0	0.0	0.5	0.0	-0.3	0.0
F' (13-14)	2	1	-0.6	-0.1	0.2	0.0	0.2	-0.1	0.2	0.0	-0.6	-0.1	0.4	0.0	-0.3	0.1
		2	0.9	-0.5	0.0	0.0	0.3	-0.4	0.3	0.0	0.9	-0.5	0.2	0.0	0.1	0.4
		3	-1.9	0.3	0.3	0.0	0.0	0.2	0.0	0.0	-1.9	0.3	0.5	0.0	-0.6	-0.2
		4	1.4	-0.5	0.2	0.0	0.1	-0.4	0.1	0.0	1.4	-0.5	0.5	0.0	-0.5	0.4
		5	-2.5	0.3	0.1	0.0	0.3	0.2	0.3	0.0	-2.5	0.3	0.3	0.0	0.0	-0.2
		6	0.4	-0.4	0.0	0.0	0.3	-0.3	0.3	0.0	0.4	-0.4	0.3	0.0	0.0	0.3
		7	-1.4	0.2	0.3	0.0	0.0	0.1	0.0	0.0	-1.4	0.2	0.5	0.0	-0.5	-0.1
		8	0.8	-0.4	0.3	0.0	0.0	-0.3	0.0	0.0	0.8	-0.4	0.5	0.0	-0.5	0.3
		9	-1.8	0.1	0.1	0.0	0.3	0.1	0.3	0.0	-1.8	0.1	0.3	0.0	0.0	-0.1
		10	-1.0	-0.2	-0.2	0.0	0.5	-0.2	0.7	.85	-1.0	-0.2	0.0	0.0	0.7	0.2
		11	0.0	0.0	0.5	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	0.7	0.0	-1.2	0.0
		12	-2.0	0.0	-0.2	0.0	0.5	0.0	0.6	.8	-2.0	0.0	0.0	0.0	0.6	0.0
		13	1.0	-0.3	0.5	0.0	-0.2	-0.2	0.0	0.0	1.0	-0.3	0.7	0.0	-1.1	0.2
		14	-0.8	-0.3	-0.2	0.0	0.6	-0.2	0.7	.9	-0.8	-0.3	0.0	0.0	0.7	0.2
		15	-0.2	0.0	0.5	0.0	-0.2	0.0	0.0	0.0	-0.2	0.0	0.7	0.0	-1.2	0.0
		16	-1.5	-0.1	-0.2	0.0	0.6	-0.1	0.7	.85	-1.5	-0.1	0.0	0.0	0.7	0.1

		17	0.5	-0.1	0.5	0.0	-0.2	-0.1	0.0	0.0	0.5	-0.1	0.7	0.0	-1.2	0.1
		18	1.4	-0.5	0.1	0.0	0.1	-0.3	0.1	0.0	1.4	-0.5	0.2	0.0	-0.1	0.4
		19	-1.9	0.3	0.1	0.0	0.1	0.2	0.1	0.0	-1.9	0.3	0.3	0.0	-0.2	-0.2
		20	0.9	-0.3	0.1	0.0	0.1	-0.2	0.1	0.0	0.9	-0.3	0.3	0.0	-0.1	0.3
		21	-1.4	0.2	0.1	0.0	0.1	0.1	0.1	0.0	-1.4	0.2	0.3	0.0	-0.2	-0.1
		22	-1.2	-0.1	-0.2	0.0	0.5	0.0	0.7	1.0	-1.2	-0.1	-0.1	0.0	0.7	0.1
		23	0.7	-0.1	0.4	0.0	-0.3	-0.1	0.0	0.0	0.7	-0.1	0.6	0.0	-1.1	0.1
		24	-0.9	-0.1	-0.3	0.0	0.5	-0.1	0.8	1.0	-0.9	-0.1	-0.1	0.0	0.8	0.1
		25	0.4	0.0	0.5	0.0	-0.3	0.0	0.0	0.0	0.4	0.0	0.6	0.0	-1.1	0.0
G (1-2)	2	1	0.0	0.0	2.1	3.6	0.0	0.0	0.0	0.0	0.0	0.0	2.8	3.6	-2.5	0.0
		2	0.0	0.0	1.9	3.3	0.0	0.0	0.0	0.0	0.0	0.0	2.6	3.3	-2.3	0.0
		3	0.0	0.0	1.9	3.3	0.0	0.0	0.0	0.0	0.0	0.0	2.6	3.3	-2.3	0.0
		4	0.0	0.0	1.9	3.3	0.0	0.0	0.0	0.0	0.0	0.0	2.6	3.3	-2.3	0.0
		5	0.0	0.0	1.9	3.3	0.0	0.0	0.0	0.0	0.0	0.0	2.6	3.3	-2.3	0.0
		6	0.0	0.0	1.9	3.3	0.0	0.0	0.0	0.0	0.0	0.0	2.6	3.3	-2.3	0.0
		7	0.0	0.0	1.9	3.3	0.0	0.0	0.0	0.0	0.0	0.0	2.6	3.3	-2.3	0.0
		8	0.0	0.0	1.9	3.3	0.0	0.0	0.0	0.0	0.0	0.0	2.6	3.3	-2.3	0.0
		9	0.0	0.0	1.9	3.3	0.0	0.0	0.0	0.0	0.0	0.0	2.6	3.3	-2.3	0.0
		10	0.0	0.0	1.9	3.3	0.0	0.0	0.0	0.0	0.0	0.0	2.6	3.3	-2.3	0.0
		11	0.0	0.0	1.9	3.3	0.0	0.0	0.0	0.0	0.0	0.0	2.6	3.3	-2.3	0.0
		12	0.0	0.0	1.9	3.3	0.0	0.0	0.0	0.0	0.0	0.0	2.6	3.3	-2.3	0.0
		13	0.0	0.0	1.9	3.3	0.0	0.0	0.0	0.0	0.0	0.0	2.6	3.3	-2.3	0.0
		14	0.0	0.0	1.9	3.3	0.0	0.0	0.0	0.0	0.0	0.0	2.6	3.3	-2.3	0.0
		15	0.0	0.0	1.9	3.3	0.0	0.0	0.0	0.0	0.0	0.0	2.6	3.3	-2.3	0.0
		16	0.0	0.0	1.9	3.3	0.0	0.0	0.0	0.0	0.0	0.0	2.6	3.3	-2.3	0.0
		17	0.0	0.0	1.9	3.3	0.0	0.0	0.0	0.0	0.0	0.0	2.6	3.3	-2.3	0.0
		18	0.0	0.0	1.2	2.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	2.0	-1.4	0.0
		19	0.0	0.0	1.2	2.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	2.0	-1.4	0.0
		20	0.0	0.0	1.2	2.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	2.0	-1.4	0.0
		21	0.0	0.0	1.2	2.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	2.0	-1.4	0.0
		22	0.0	0.0	1.2	2.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	2.0	-1.4	0.0
		23	0.0	0.0	1.2	2.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	2.0	-1.4	0.0
		24	0.0	0.0	1.2	2.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	2.0	-1.4	0.0
		25	0.0	0.0	1.2	2.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	2.0	-1.4	0.0
G (2-3)	2	1	0.0	0.0	-2.1	0.0	-1.4	0.0	0.4	1.0	0.0	0.0	-0.1	0.0	0.4	0.0
		2	0.0	0.0	-2.4	0.0	-2.1	0.0	0.3	1.0	0.0	0.0	-0.6	0.0	0.3	0.0
		3	0.0	0.0	-1.3	0.0	-0.4	0.0	0.4	.75	0.0	0.0	0.4	0.0	0.4	0.0
		4	0.0	0.0	-1.5	0.0	-0.6	0.0	0.4	.85	0.0	0.0	0.3	0.0	0.4	0.0
		5	0.0	0.0	-2.3	0.0	-1.9	0.0	0.3	1.0	0.0	0.0	-0.5	0.0	0.3	0.0
		6	0.0	0.0	-2.3	0.0	-2.0	0.0	0.3	1.0	0.0	0.0	-0.6	0.0	0.3	0.0
		7	0.0	0.0	-1.4	0.0	-0.5	0.0	0.4	.8	0.0	0.0	0.3	0.0	0.4	0.0
		8	0.0	0.0	-1.4	0.0	-0.4	0.0	0.4	.75	0.0	0.0	0.4	0.0	0.4	0.0
		9	0.0	0.0	-2.4	0.0	-2.1	0.0	0.3	1.0	0.0	0.0	-0.6	0.0	0.3	0.0
		10	0.0	0.0	-3.5	0.0	-3.9	0.0	0.2	1.0	0.0	0.0	-1.7	0.0	0.2	0.0

11	0.0	0.0	-0.3	0.0	1.4	0.0	1.4	.15	0.0	0.0	1.5	0.0	0.4	0.0
12	0.0	0.0	-3.4	0.0	-3.8	0.0	0.2	1.0	0.0	0.0	-1.7	0.0	0.2	0.0
13	0.0	0.0	-0.3	0.0	1.3	0.0	1.4	.2	0.0	0.0	1.4	0.0	0.4	0.0
14	0.0	0.0	-3.5	0.0	-3.9	0.0	0.2	1.0	0.0	0.0	-1.7	0.0	0.2	0.0
15	0.0	0.0	-0.3	0.0	1.4	0.0	1.4	.15	0.0	0.0	1.5	0.0	0.4	0.0
16	0.0	0.0	-3.5	0.0	-3.9	0.0	0.2	1.0	0.0	0.0	-1.7	0.0	0.2	0.0
17	0.0	0.0	-0.2	0.0	1.4	0.0	1.5	.15	0.0	0.0	1.5	0.0	0.4	0.0
18	0.0	0.0	-1.2	0.0	-0.9	0.0	0.2	1.0	0.0	0.0	-0.1	0.0	0.2	0.0
19	0.0	0.0	-1.1	0.0	-0.7	0.0	0.2	1.0	0.0	0.0	0.0	0.0	0.2	0.0
20	0.0	0.0	-1.1	0.0	-0.7	0.0	0.2	1.0	0.0	0.0	0.0	0.0	0.2	0.0
21	0.0	0.0	-1.2	0.0	-0.8	0.0	0.2	1.0	0.0	0.0	-0.1	0.0	0.2	0.0
22	0.0	0.0	-2.7	0.0	-3.4	0.0	0.1	1.0	0.0	0.0	-1.6	0.0	0.1	0.0
23	0.0	0.0	0.4	0.0	1.8	0.0	1.8	0.0	0.0	0.0	1.5	0.0	0.3	0.0
24	0.0	0.0	-2.8	0.0	-3.4	0.0	0.1	1.0	0.0	0.0	-1.7	0.0	0.1	0.0
25	0.0	0.0	0.4	0.0	1.9	0.0	1.9	0.0	0.0	0.0	1.6	0.0	0.3	0.0

G (3-4)

2

1	0.0	0.0	-0.1	0.0	0.4	0.0	0.4	.05	0.0	0.0	1.8	0.0	-1.0	0.0
2	0.0	0.0	-0.6	0.0	0.3	0.0	0.5	.35	0.0	0.0	1.1	0.0	-0.1	0.0
3	0.0	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.0	0.0	2.2	0.0	-1.7	0.0
4	0.0	0.0	0.3	0.0	0.4	0.0	0.4	0.0	0.0	0.0	2.1	0.0	-1.5	0.0
5	0.0	0.0	-0.5	0.0	0.3	0.0	0.4	.3	0.0	0.0	1.3	0.0	-0.3	0.0
6	0.0	0.0	-0.6	0.0	0.3	0.0	0.4	.3	0.0	0.0	1.2	0.0	-0.2	0.0
7	0.0	0.0	0.3	0.0	0.4	0.0	0.4	0.0	0.0	0.0	2.1	0.0	-1.6	0.0
8	0.0	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.0	0.0	2.2	0.0	-1.7	0.0
9	0.0	0.0	-0.6	0.0	0.3	0.0	0.5	.35	0.0	0.0	1.1	0.0	-0.1	0.0
10	0.0	0.0	-1.7	0.0	0.2	0.0	1.5	.95	0.0	0.0	0.1	0.0	1.5	0.0
11	0.0	0.0	1.5	0.0	0.4	0.0	0.4	0.0	0.0	0.0	3.2	0.0	-3.3	0.0
12	0.0	0.0	-1.7	0.0	0.2	0.0	1.5	.95	0.0	0.0	0.1	0.0	1.5	0.0
13	0.0	0.0	1.4	0.0	0.4	0.0	0.4	0.0	0.0	0.0	3.2	0.0	-3.3	0.0
14	0.0	0.0	-1.7	0.0	0.2	0.0	1.6	.95	0.0	0.0	0.1	0.0	1.6	0.0
15	0.0	0.0	1.5	0.0	0.4	0.0	0.4	0.0	0.0	0.0	3.3	0.0	-3.4	0.0
16	0.0	0.0	-1.7	0.0	0.2	0.0	1.6	1.0	0.0	0.0	0.0	0.0	1.6	0.0
17	0.0	0.0	1.5	0.0	0.4	0.0	0.4	0.0	0.0	0.0	3.3	0.0	-3.4	0.0
18	0.0	0.0	-0.1	0.0	0.2	0.0	0.2	.1	0.0	0.0	1.0	0.0	-0.5	0.0
19	0.0	0.0	0.0	0.0	0.2	0.0	0.2	0.0	0.0	0.0	1.1	0.0	-0.7	0.0
20	0.0	0.0	0.0	0.0	0.2	0.0	0.2	.05	0.0	0.0	1.1	0.0	-0.6	0.0
21	0.0	0.0	-0.1	0.0	0.2	0.0	0.2	.1	0.0	0.0	1.0	0.0	-0.5	0.0
22	0.0	0.0	-1.6	0.0	0.1	0.0	1.8	1.0	0.0	0.0	-0.5	0.0	1.8	0.0
23	0.0	0.0	1.5	0.0	0.3	0.0	0.3	0.0	0.0	0.0	2.6	0.0	-3.0	0.0
24	0.0	0.0	-1.7	0.0	0.1	0.0	1.9	1.0	0.0	0.0	-0.6	0.0	1.9	0.0
25	0.0	0.0	1.6	0.0	0.3	0.0	0.3	0.0	0.0	0.0	2.7	0.0	-3.0	0.0

G (4-5)

2

1	0.0	0.0	-3.2	-0.2	-1.9	0.0	1.6	1.0	0.0	0.0	-1.2	-0.2	1.6	0.0
2	0.0	0.0	-3.3	-0.2	-2.5	0.0	1.4	1.0	0.0	0.0	-1.6	-0.2	1.4	0.0
3	0.0	0.0	-2.4	-0.1	-1.0	0.0	1.4	1.0	0.0	0.0	-0.7	-0.1	1.4	0.0
4	0.0	0.0	-2.5	-0.2	-1.2	0.0	1.5	1.0	0.0	0.0	-0.8	-0.2	1.5	0.0



5	0.0	0.0	-3.2	-0.1	-2.3	0.0	1.4	1.0	0.0	0.0	-1.5	-0.1	1.4	0.0
6	0.0	0.0	-3.3	-0.2	-2.4	0.0	1.4	1.0	0.0	0.0	-1.5	-0.2	1.4	0.0
7	0.0	0.0	-2.5	-0.1	-1.1	0.0	1.4	1.0	0.0	0.0	-0.7	-0.1	1.4	0.0
8	0.0	0.0	-2.4	-0.2	-1.0	0.0	1.5	1.0	0.0	0.0	-0.7	-0.2	1.5	0.0
9	0.0	0.0	-3.3	-0.1	-2.5	0.0	1.4	1.0	0.0	0.0	-1.6	-0.1	1.4	0.0
10	0.0	0.0	-4.2	-0.1	-3.9	0.0	1.4	1.0	0.0	0.0	-2.5	-0.1	1.4	0.0
11	0.0	0.0	-1.5	-0.2	0.4	0.0	1.5	.85	0.0	0.0	0.2	-0.2	1.5	0.0
12	0.0	0.0	-4.2	-0.1	-3.9	0.0	1.4	1.0	0.0	0.0	-2.4	-0.1	1.4	0.0
13	0.0	0.0	-1.6	-0.2	0.4	0.0	1.5	.9	0.0	0.0	0.2	-0.2	1.5	0.0
14	0.0	0.0	-4.3	-0.1	-4.0	0.0	1.4	1.0	0.0	0.0	-2.5	-0.1	1.4	0.0
15	0.0	0.0	-1.5	-0.2	0.5	0.0	1.5	.85	0.0	0.0	0.2	-0.2	1.5	0.0
16	0.0	0.0	-4.3	-0.1	-4.0	0.0	1.4	1.0	0.0	0.0	-2.5	-0.1	1.4	0.0
17	0.0	0.0	-1.5	-0.2	0.5	0.0	1.5	.85	0.0	0.0	0.3	-0.2	1.5	0.0
18	0.0	0.0	-1.9	-0.1	-1.2	0.0	0.9	1.0	0.0	0.0	-0.8	-0.1	0.9	0.0
19	0.0	0.0	-1.8	-0.1	-1.0	0.0	0.9	1.0	0.0	0.0	-0.6	-0.1	0.9	0.0
20	0.0	0.0	-1.8	-0.1	-1.0	0.0	0.9	1.0	0.0	0.0	-0.7	-0.1	0.9	0.0
21	0.0	0.0	-1.8	0.0	-1.2	0.0	0.9	1.0	0.0	0.0	-0.7	0.0	0.9	0.0
22	0.0	0.0	-3.1	-0.1	-3.3	0.0	0.9	1.0	0.0	0.0	-2.0	-0.1	0.9	0.0
23	0.0	0.0	-0.5	-0.1	1.1	0.0	1.2	.45	0.0	0.0	0.6	-0.1	1.0	0.0
24	0.0	0.0	-3.2	-0.1	-3.3	0.0	0.9	1.0	0.0	0.0	-2.1	-0.1	0.9	0.0
25	0.0	0.0	-0.4	-0.1	1.1	0.0	1.3	.4	0.0	0.0	0.7	-0.1	1.0	0.0

G (5-6)

2

1	0.0	0.0	1.4	0.2	1.8	0.0	1.8	0.0	0.0	0.0	3.4	0.2	-2.0	0.0
2	0.0	0.0	0.8	0.2	1.6	0.0	1.6	0.0	0.0	0.0	2.6	0.2	-1.1	0.0
3	0.0	0.0	1.8	0.1	1.7	0.0	1.7	0.0	0.0	0.0	3.6	0.1	-2.6	0.0
4	0.0	0.0	1.7	0.2	1.7	0.0	1.7	0.0	0.0	0.0	3.5	0.2	-2.5	0.0
5	0.0	0.0	0.9	0.1	1.6	0.0	1.6	0.0	0.0	0.0	2.7	0.1	-1.2	0.0
6	0.0	0.0	0.9	0.2	1.6	0.0	1.6	0.0	0.0	0.0	2.7	0.2	-1.2	0.0
7	0.0	0.0	1.7	0.1	1.7	0.0	1.7	0.0	0.0	0.0	3.5	0.1	-2.5	0.0
8	0.0	0.0	1.8	0.2	1.7	0.0	1.7	0.0	0.0	0.0	3.6	0.2	-2.6	0.0
9	0.0	0.0	0.8	0.1	1.6	0.0	1.6	0.0	0.0	0.0	2.6	0.1	-1.1	0.0
10	0.0	0.0	-0.2	0.1	1.6	0.0	1.6	.1	0.0	0.0	1.6	0.1	0.5	0.0
11	0.0	0.0	2.8	0.2	1.7	0.0	1.7	0.0	0.0	0.0	4.6	0.2	-4.2	0.0
12	0.0	0.0	-0.2	0.1	1.6	0.0	1.6	.1	0.0	0.0	1.6	0.1	0.4	0.0
13	0.0	0.0	2.8	0.2	1.7	0.0	1.7	0.0	0.0	0.0	4.6	0.2	-4.1	0.0
14	0.0	0.0	-0.2	0.1	1.6	0.0	1.6	.1	0.0	0.0	1.6	0.1	0.5	0.0
15	0.0	0.0	2.8	0.2	1.7	0.0	1.7	0.0	0.0	0.0	4.6	0.2	-4.2	0.0
16	0.0	0.0	-0.2	0.1	1.6	0.0	1.6	.15	0.0	0.0	1.5	0.1	0.5	0.0
17	0.0	0.0	2.9	0.2	1.7	0.0	1.7	0.0	0.0	0.0	4.6	0.2	-4.2	0.0
18	0.0	0.0	0.8	0.1	1.1	0.0	1.1	0.0	0.0	0.0	1.9	0.1	-1.1	0.0
19	0.0	0.0	0.9	0.0	1.0	0.0	1.0	0.0	0.0	0.0	2.0	0.0	-1.2	0.0
20	0.0	0.0	0.9	0.2	1.1	0.0	1.1	0.0	0.0	0.0	2.0	0.2	-1.3	0.0
21	0.0	0.0	0.8	0.0	1.0	0.0	1.0	0.0	0.0	0.0	1.9	0.0	-1.1	0.0
22	0.0	0.0	-0.6	0.1	1.0	0.0	1.3	.6	0.0	0.0	0.5	0.1	1.1	0.0
23	0.0	0.0	2.3	0.1	1.1	0.0	1.1	0.0	0.0	0.0	3.4	0.1	-3.5	0.0
24	0.0	0.0	-0.7	0.1	1.0	0.0	1.3	.65	0.0	0.0	0.4	0.1	1.2	0.0

		25	0.0	0.0	2.4	0.1	1.1	0.0	1.1	0.0	0.0	0.0	3.5	0.1	-3.5	0.0
G (6-7)	2	1	0.0	0.0	-2.2	0.0	-1.4	0.0	0.5	.55	0.0	0.0	1.7	0.0	-0.7	0.0
		2	0.0	0.0	-2.5	0.0	-2.1	0.0	0.6	.7	0.0	0.0	1.1	0.0	0.1	0.0
		3	0.0	0.0	-1.5	0.0	-0.5	0.0	0.4	.4	0.0	0.0	2.0	0.0	-1.4	0.0
		4	0.0	0.0	-1.6	0.0	-0.7	0.0	0.4	.45	0.0	0.0	1.9	0.0	-1.2	0.0
		5	0.0	0.0	-2.3	0.0	-1.9	0.0	0.5	.65	0.0	0.0	1.2	0.0	-0.1	0.0
		6	0.0	0.0	-2.4	0.0	-2.0	0.0	0.6	.7	0.0	0.0	1.1	0.0	0.0	0.0
		7	0.0	0.0	-1.6	0.0	-0.7	0.0	0.4	.45	0.0	0.0	2.0	0.0	-1.3	0.0
		8	0.0	0.0	-1.5	0.0	-0.6	0.0	0.4	.45	0.0	0.0	2.0	0.0	-1.4	0.0
		9	0.0	0.0	-2.4	0.0	-2.0	0.0	0.6	.7	0.0	0.0	1.1	0.0	0.1	0.0
		10	0.0	0.0	-3.4	0.0	-3.6	0.0	1.6	.95	0.0	0.0	0.1	0.0	1.6	0.0
		11	0.0	0.0	-0.5	0.0	0.9	0.0	1.1	.15	0.0	0.0	3.0	0.0	-2.9	0.0
		12	0.0	0.0	-3.4	0.0	-3.5	0.0	1.5	.95	0.0	0.0	0.2	0.0	1.5	0.0
		13	0.0	0.0	-0.6	0.0	0.9	0.0	1.0	.15	0.0	0.0	2.9	0.0	-2.9	0.0
		14	0.0	0.0	-3.4	0.0	-3.6	0.0	1.6	.95	0.0	0.0	0.1	0.0	1.6	0.0
		15	0.0	0.0	-0.5	0.0	1.0	0.0	1.1	.15	0.0	0.0	3.0	0.0	-2.9	0.0
		16	0.0	0.0	-3.4	0.0	-3.6	0.0	1.6	.95	0.0	0.0	0.1	0.0	1.6	0.0
		17	0.0	0.0	-0.5	0.0	1.0	0.0	1.1	.15	0.0	0.0	3.0	0.0	-3.0	0.0
		18	0.0	0.0	-1.3	0.0	-0.9	0.0	0.3	.6	0.0	0.0	0.9	0.0	-0.3	0.0
		19	0.0	0.0	-1.2	0.0	-0.7	0.0	0.3	.55	0.0	0.0	1.0	0.0	-0.5	0.0
		20	0.0	0.0	-1.2	0.0	-0.8	0.0	0.3	.55	0.0	0.0	1.0	0.0	-0.5	0.0
		21	0.0	0.0	-1.2	0.0	-0.8	0.0	0.3	.55	0.0	0.0	1.0	0.0	-0.4	0.0
		22	0.0	0.0	-2.6	0.0	-3.0	0.0	1.8	1.0	0.0	0.0	-0.4	0.0	1.8	0.0
		23	0.0	0.0	0.2	0.0	1.4	0.0	1.4	0.0	0.0	0.0	2.4	0.0	-2.6	0.0
		24	0.0	0.0	-2.7	0.0	-3.1	0.0	1.9	1.0	0.0	0.0	-0.5	0.0	1.9	0.0
		25	0.0	0.0	0.2	0.0	1.5	0.0	1.5	0.0	0.0	0.0	2.4	0.0	-2.7	0.0
G (7-8)	2	1	0.0	0.0	-1.9	0.0	-0.9	0.0	0.5	.5	0.0	0.0	2.0	0.0	-1.1	0.0
		2	0.0	0.0	-2.2	0.0	-1.6	0.0	0.6	.6	0.0	0.0	1.3	0.0	-0.2	0.0
		3	0.0	0.0	-1.2	0.0	-0.1	0.0	0.6	.35	0.0	0.0	2.3	0.0	-1.7	0.0
		4	0.0	0.0	-1.3	0.0	-0.3	0.0	0.6	.4	0.0	0.0	2.2	0.0	-1.6	0.0
		5	0.0	0.0	-2.1	0.0	-1.4	0.0	0.5	.6	0.0	0.0	1.4	0.0	-0.4	0.0
		6	0.0	0.0	-2.1	0.0	-1.5	0.0	0.5	.6	0.0	0.0	1.4	0.0	-0.4	0.0
		7	0.0	0.0	-1.3	0.0	-0.2	0.0	0.6	.35	0.0	0.0	2.2	0.0	-1.6	0.0
		8	0.0	0.0	-1.3	0.0	-0.1	0.0	0.6	.35	0.0	0.0	2.3	0.0	-1.7	0.0
		9	0.0	0.0	-2.2	0.0	-1.6	0.0	0.6	.6	0.0	0.0	1.3	0.0	-0.3	0.0
		10	0.0	0.0	-3.1	0.0	-3.1	0.0	1.3	.9	0.0	0.0	0.4	0.0	1.3	0.0
		11	0.0	0.0	-0.3	0.0	1.4	0.0	1.4	.1	0.0	0.0	3.2	0.0	-3.2	0.0
		12	0.0	0.0	-3.1	0.0	-3.1	0.0	1.3	.9	0.0	0.0	0.4	0.0	1.2	0.0
		13	0.0	0.0	-0.3	0.0	1.3	0.0	1.4	.1	0.0	0.0	3.2	0.0	-3.2	0.0
		14	0.0	0.0	-3.2	0.0	-3.1	0.0	1.3	.9	0.0	0.0	0.4	0.0	1.3	0.0
		15	0.0	0.0	-0.3	0.0	1.4	0.0	1.5	.1	0.0	0.0	3.2	0.0	-3.3	0.0
		16	0.0	0.0	-3.2	0.0	-3.2	0.0	1.4	.9	0.0	0.0	0.4	0.0	1.3	0.0
		17	0.0	0.0	-0.3	0.0	1.5	0.0	1.5	.05	0.0	0.0	3.3	0.0	-3.3	0.0
		18	0.0	0.0	-1.1	0.0	-0.6	0.0	0.3	.5	0.0	0.0	1.1	0.0	-0.5	0.0

		19	0.0	0.0	-1.0	0.0	-0.4	0.0	0.3	.45	0.0	0.0	1.2	0.0	-0.7	0.0
		20	0.0	0.0	-1.0	0.0	-0.5	0.0	0.3	.45	0.0	0.0	1.2	0.0	-0.7	0.0
		21	0.0	0.0	-1.1	0.0	-0.6	0.0	0.3	.5	0.0	0.0	1.1	0.0	-0.6	0.0
		22	0.0	0.0	-2.5	0.0	-2.8	0.0	1.6	1.0	0.0	0.0	-0.3	0.0	1.6	0.0
		23	0.0	0.0	0.3	0.0	1.7	0.0	1.7	0.0	0.0	0.0	2.5	0.0	-2.8	0.0
		24	0.0	0.0	-2.5	0.0	-2.8	0.0	1.7	1.0	0.0	0.0	-0.3	0.0	1.7	0.0
		25	0.0	0.0	0.4	0.0	1.8	0.0	1.8	0.0	0.0	0.0	2.6	0.0	-2.9	0.0
G (8-9)	2	1	0.0	0.0	-1.9	0.0	-1.0	0.0	0.5	.5	0.0	0.0	2.0	0.0	-1.1	0.0
		2	0.0	0.0	-2.2	0.0	-1.7	0.0	0.5	.65	0.0	0.0	1.3	0.0	-0.2	0.0
		3	0.0	0.0	-1.3	0.0	-0.2	0.0	0.5	.35	0.0	0.0	2.3	0.0	-1.8	0.0
		4	0.0	0.0	-1.4	0.0	-0.4	0.0	0.5	.4	0.0	0.0	2.1	0.0	-1.6	0.0
		5	0.0	0.0	-2.1	0.0	-1.5	0.0	0.5	.6	0.0	0.0	1.4	0.0	-0.4	0.0
		6	0.0	0.0	-2.2	0.0	-1.6	0.0	0.5	.6	0.0	0.0	1.4	0.0	-0.3	0.0
		7	0.0	0.0	-1.3	0.0	-0.3	0.0	0.5	.4	0.0	0.0	2.2	0.0	-1.7	0.0
		8	0.0	0.0	-1.3	0.0	-0.2	0.0	0.5	.35	0.0	0.0	2.2	0.0	-1.7	0.0
		9	0.0	0.0	-2.2	0.0	-1.7	0.0	0.5	.65	0.0	0.0	1.3	0.0	-0.2	0.0
		10	0.0	0.0	-3.2	0.0	-3.2	0.0	1.4	.9	0.0	0.0	0.3	0.0	1.3	0.0
		11	0.0	0.0	-0.3	0.0	1.3	0.0	1.4	.1	0.0	0.0	3.2	0.0	-3.3	0.0
		12	0.0	0.0	-3.2	0.0	-3.2	0.0	1.3	.9	0.0	0.0	0.4	0.0	1.3	0.0
		13	0.0	0.0	-0.3	0.0	1.3	0.0	1.3	.1	0.0	0.0	3.2	0.0	-3.3	0.0
		14	0.0	0.0	-3.2	0.0	-3.3	0.0	1.4	.9	0.0	0.0	0.3	0.0	1.4	0.0
		15	0.0	0.0	-0.3	0.0	1.4	0.0	1.4	.1	0.0	0.0	3.2	0.0	-3.3	0.0
		16	0.0	0.0	-3.2	0.0	-3.3	0.0	1.4	.9	0.0	0.0	0.3	0.0	1.4	0.0
		17	0.0	0.0	-0.3	0.0	1.4	0.0	1.4	.05	0.0	0.0	3.3	0.0	-3.4	0.0
		18	0.0	0.0	-1.1	0.0	-0.7	0.0	0.3	.5	0.0	0.0	1.1	0.0	-0.5	0.0
		19	0.0	0.0	-1.0	0.0	-0.5	0.0	0.3	.45	0.0	0.0	1.2	0.0	-0.7	0.0
		20	0.0	0.0	-1.1	0.0	-0.5	0.0	0.3	.5	0.0	0.0	1.1	0.0	-0.7	0.0
		21	0.0	0.0	-1.1	0.0	-0.6	0.0	0.3	.5	0.0	0.0	1.1	0.0	-0.6	0.0
		22	0.0	0.0	-2.5	0.0	-2.8	0.0	1.7	1.0	0.0	0.0	-0.3	0.0	1.7	0.0
		23	0.0	0.0	0.3	0.0	1.7	0.0	1.7	0.0	0.0	0.0	2.5	0.0	-2.9	0.0
		24	0.0	0.0	-2.6	0.0	-2.9	0.0	1.7	1.0	0.0	0.0	-0.4	0.0	1.7	0.0
		25	0.0	0.0	0.4	0.0	1.7	0.0	1.7	0.0	0.0	0.0	2.6	0.0	-3.0	0.0
G (9-10)	2	1	0.0	0.0	-2.6	0.0	-1.8	0.0	1.0	.5	0.0	0.0	2.6	0.0	-1.7	0.0
		2	0.0	0.0	-2.6	0.0	-2.2	0.0	0.9	.55	0.0	0.0	2.0	0.0	-1.0	0.0
		3	0.0	0.0	-2.1	0.0	-1.0	0.0	0.9	.45	0.0	0.0	2.6	0.0	-2.2	0.0
		4	0.0	0.0	-2.1	0.0	-1.2	0.0	0.9	.45	0.0	0.0	2.5	0.0	-2.0	0.0
		5	0.0	0.0	-2.6	0.0	-2.1	0.0	0.9	.55	0.0	0.0	2.1	0.0	-1.1	0.0
		6	0.0	0.0	-2.6	0.0	-2.1	0.0	0.9	.55	0.0	0.0	2.1	0.0	-1.1	0.0
		7	0.0	0.0	-2.1	0.0	-1.1	0.0	0.9	.45	0.0	0.0	2.6	0.0	-2.1	0.0
		8	0.0	0.0	-2.1	0.0	-1.0	0.0	0.9	.45	0.0	0.0	2.6	0.0	-2.1	0.0
		9	0.0	0.0	-2.6	0.0	-2.2	0.0	0.9	.55	0.0	0.0	2.0	0.0	-1.0	0.0
		10	0.0	0.0	-3.2	0.0	-3.4	0.0	1.2	.7	0.0	0.0	1.5	0.0	0.2	0.0
		11	0.0	0.0	-1.5	0.0	0.2	0.0	1.2	.3	0.0	0.0	3.2	0.0	-3.3	0.0
		12	0.0	0.0	-3.2	0.0	-3.4	0.0	1.2	.7	0.0	0.0	1.5	0.0	0.2	0.0

		13	0.0	0.0	-1.5	0.0	0.1	0.0	1.2	.35	0.0	0.0	3.2	0.0	-3.3	0.0
		14	0.0	0.0	-3.2	0.0	-3.4	0.0	1.2	.7	0.0	0.0	1.5	0.0	0.2	0.0
		15	0.0	0.0	-1.5	0.0	0.2	0.0	1.2	.3	0.0	0.0	3.2	0.0	-3.4	0.0
		16	0.0	0.0	-3.2	0.0	-3.5	0.0	1.2	.7	0.0	0.0	1.5	0.0	0.3	0.0
		17	0.0	0.0	-1.5	0.0	0.2	0.0	1.2	.3	0.0	0.0	3.2	0.0	-3.4	0.0
		18	0.0	0.0	-1.5	0.0	-1.1	0.0	0.5	.5	0.0	0.0	1.4	0.0	-0.9	0.0
		19	0.0	0.0	-1.4	0.0	-0.9	0.0	0.5	.5	0.0	0.0	1.5	0.0	-1.1	0.0
		20	0.0	0.0	-1.5	0.0	-1.0	0.0	0.5	.5	0.0	0.0	1.5	0.0	-1.0	0.0
		21	0.0	0.0	-1.5	0.0	-1.0	0.0	0.5	.5	0.0	0.0	1.4	0.0	-0.9	0.0
		22	0.0	0.0	-2.3	0.0	-2.8	0.0	1.1	.8	0.0	0.0	0.6	0.0	0.8	0.0
		23	0.0	0.0	-0.6	0.0	0.8	0.0	1.0	.2	0.0	0.0	2.3	0.0	-2.7	0.0
		24	0.0	0.0	-2.3	0.0	-2.8	0.0	1.1	.8	0.0	0.0	0.6	0.0	0.8	0.0
		25	0.0	0.0	-0.6	0.0	0.8	0.0	1.1	.2	0.0	0.0	2.3	0.0	-2.8	0.0
G (10-11)	2	1	0.0	0.0	-2.0	0.0	-1.2	0.0	0.5	.5	0.0	0.0	1.9	0.0	-0.9	0.0
		2	0.0	0.0	-2.3	0.0	-1.9	0.0	0.6	.65	0.0	0.0	1.2	0.0	-0.1	0.0
		3	0.0	0.0	-1.3	0.0	-0.3	0.0	0.5	.4	0.0	0.0	2.2	0.0	-1.6	0.0
		4	0.0	0.0	-1.5	0.0	-0.5	0.0	0.5	.4	0.0	0.0	2.1	0.0	-1.4	0.0
		5	0.0	0.0	-2.2	0.0	-1.7	0.0	0.5	.65	0.0	0.0	1.3	0.0	-0.3	0.0
		6	0.0	0.0	-2.2	0.0	-1.7	0.0	0.5	.65	0.0	0.0	1.3	0.0	-0.2	0.0
		7	0.0	0.0	-1.4	0.0	-0.4	0.0	0.5	.4	0.0	0.0	2.1	0.0	-1.5	0.0
		8	0.0	0.0	-1.4	0.0	-0.3	0.0	0.5	.4	0.0	0.0	2.2	0.0	-1.6	0.0
		9	0.0	0.0	-2.3	0.0	-1.8	0.0	0.6	.65	0.0	0.0	1.2	0.0	-0.1	0.0
		10	0.0	0.0	-3.3	0.0	-3.4	0.0	1.5	.95	0.0	0.0	0.2	0.0	1.4	0.0
		11	0.0	0.0	-0.4	0.0	1.3	0.0	1.3	.1	0.0	0.0	3.1	0.0	-3.1	0.0
		12	0.0	0.0	-3.3	0.0	-3.3	0.0	1.4	.9	0.0	0.0	0.3	0.0	1.4	0.0
		13	0.0	0.0	-0.4	0.0	1.2	0.0	1.3	.1	0.0	0.0	3.1	0.0	-3.1	0.0
		14	0.0	0.0	-3.3	0.0	-3.4	0.0	1.5	.95	0.0	0.0	0.2	0.0	1.5	0.0
		15	0.0	0.0	-0.4	0.0	1.3	0.0	1.3	.1	0.0	0.0	3.2	0.0	-3.2	0.0
		16	0.0	0.0	-3.3	0.0	-3.5	0.0	1.5	.95	0.0	0.0	0.2	0.0	1.5	0.0
		17	0.0	0.0	-0.3	0.0	1.3	0.0	1.4	.1	0.0	0.0	3.2	0.0	-3.2	0.0
		18	0.0	0.0	-1.2	0.0	-0.8	0.0	0.3	.55	0.0	0.0	1.0	0.0	-0.5	0.0
		19	0.0	0.0	-1.1	0.0	-0.6	0.0	0.3	.5	0.0	0.0	1.1	0.0	-0.6	0.0
		20	0.0	0.0	-1.1	0.0	-0.6	0.0	0.3	.5	0.0	0.0	1.1	0.0	-0.6	0.0
		21	0.0	0.0	-1.2	0.0	-0.7	0.0	0.3	.55	0.0	0.0	1.0	0.0	-0.5	0.0
		22	0.0	0.0	-2.6	0.0	-3.0	0.0	1.7	1.0	0.0	0.0	-0.4	0.0	1.7	0.0
		23	0.0	0.0	0.3	0.0	1.6	0.0	1.6	0.0	0.0	0.0	2.5	0.0	-2.8	0.0
		24	0.0	0.0	-2.6	0.0	-3.0	0.0	1.8	1.0	0.0	0.0	-0.4	0.0	1.8	0.0
		25	0.0	0.0	0.3	0.0	1.7	0.0	1.7	0.0	0.0	0.0	2.5	0.0	-2.9	0.0
G (11-12)	2	1	0.0	0.0	-2.0	0.0	-1.1	0.0	0.5	.5	0.0	0.0	1.9	0.0	-0.9	0.0
		2	0.0	0.0	-2.3	0.0	-1.8	0.0	0.6	.65	0.0	0.0	1.2	0.0	-0.1	0.0
		3	0.0	0.0	-1.4	0.0	-0.3	0.0	0.6	.4	0.0	0.0	2.1	0.0	-1.5	0.0
		4	0.0	0.0	-1.5	0.0	-0.4	0.0	0.5	.4	0.0	0.0	2.1	0.0	-1.4	0.0
		5	0.0	0.0	-2.2	0.0	-1.6	0.0	0.6	.6	0.0	0.0	1.3	0.0	-0.2	0.0
		6	0.0	0.0	-2.2	0.0	-1.7	0.0	0.6	.65	0.0	0.0	1.3	0.0	-0.2	0.0

		7	0.0	0.0	-1.4	0.0	-0.4	0.0	0.5	.4	0.0	0.0	2.1	0.0	-1.4	0.0
		8	0.0	0.0	-1.4	0.0	-0.3	0.0	0.6	.4	0.0	0.0	2.1	0.0	-1.5	0.0
		9	0.0	0.0	-2.3	0.0	-1.8	0.0	0.6	.65	0.0	0.0	1.2	0.0	-0.1	0.0
		10	0.0	0.0	-3.2	0.0	-3.3	0.0	1.4	.9	0.0	0.0	0.3	0.0	1.4	0.0
		11	0.0	0.0	-0.4	0.0	1.2	0.0	1.3	.1	0.0	0.0	3.1	0.0	-3.0	0.0
		12	0.0	0.0	-3.2	0.0	-3.2	0.0	1.4	.9	0.0	0.0	0.3	0.0	1.4	0.0
		13	0.0	0.0	-0.5	0.0	1.2	0.0	1.2	.15	0.0	0.0	3.1	0.0	-2.9	0.0
		14	0.0	0.0	-3.2	0.0	-3.3	0.0	1.5	.9	0.0	0.0	0.3	0.0	1.4	0.0
		15	0.0	0.0	-0.4	0.0	1.2	0.0	1.3	.1	0.0	0.0	3.1	0.0	-3.0	0.0
		16	0.0	0.0	-3.3	0.0	-3.3	0.0	1.5	.95	0.0	0.0	0.3	0.0	1.5	0.0
		17	0.0	0.0	-0.4	0.0	1.3	0.0	1.3	.1	0.0	0.0	3.1	0.0	-3.0	0.0
		18	0.0	0.0	-1.2	0.0	-0.7	0.0	0.3	.55	0.0	0.0	1.0	0.0	-0.4	0.0
		19	0.0	0.0	-1.1	0.0	-0.6	0.0	0.3	.5	0.0	0.0	1.1	0.0	-0.6	0.0
		20	0.0	0.0	-1.1	0.0	-0.6	0.0	0.3	.5	0.0	0.0	1.1	0.0	-0.6	0.0
		21	0.0	0.0	-1.2	0.0	-0.7	0.0	0.3	.55	0.0	0.0	1.0	0.0	-0.4	0.0
		22	0.0	0.0	-2.5	0.0	-2.8	0.0	1.7	1.0	0.0	0.0	-0.3	0.0	1.7	0.0
		23	0.0	0.0	0.2	0.0	1.6	0.0	1.6	0.0	0.0	0.0	2.4	0.0	-2.7	0.0
		24	0.0	0.0	-2.6	0.0	-2.9	0.0	1.7	1.0	0.0	0.0	-0.4	0.0	1.7	0.0
		25	0.0	0.0	0.3	0.0	1.6	0.0	1.6	0.0	0.0	0.0	2.5	0.0	-2.7	0.0
G (12-13)	2	1	0.0	0.0	-1.1	0.0	-0.5	0.0	0.3	.8	0.0	0.0	0.3	0.0	0.2	0.0
		2	0.0	0.0	-1.8	0.0	-1.6	0.0	0.4	1.0	0.0	0.0	-0.5	0.0	0.4	0.0
		3	0.0	0.0	-0.2	0.0	0.7	0.0	0.7	.2	0.0	0.0	1.0	0.0	0.0	0.0
		4	0.0	0.0	-0.8	0.0	-0.1	0.0	0.3	.6	0.0	0.0	0.5	0.0	0.1	0.0
		5	0.0	0.0	-1.2	0.0	-0.8	0.0	0.3	1.0	0.0	0.0	0.0	0.0	0.3	0.0
		6	0.0	0.0	-1.6	0.0	-1.5	0.0	0.4	1.0	0.0	0.0	-0.4	0.0	0.4	0.0
		7	0.0	0.0	-0.4	0.0	0.5	0.0	0.6	.3	0.0	0.0	0.9	0.0	0.0	0.0
		8	0.0	0.0	-0.6	0.0	0.1	0.0	0.4	.45	0.0	0.0	0.7	0.0	0.1	0.0
		9	0.0	0.0	-1.4	0.0	-1.1	0.0	0.4	1.0	0.0	0.0	-0.2	0.0	0.4	0.0
		10	0.0	0.0	-2.8	0.0	-3.1	0.0	0.8	1.0	0.0	0.0	-1.5	0.0	0.8	0.0
		11	0.0	0.0	0.8	0.0	2.2	0.0	2.2	0.0	0.0	0.0	2.0	0.0	-0.4	0.0
		12	0.0	0.0	-2.6	0.0	-2.9	0.0	0.7	1.0	0.0	0.0	-1.4	0.0	0.7	0.0
		13	0.0	0.0	0.6	0.0	1.9	0.0	1.9	0.0	0.0	0.0	1.9	0.0	-0.3	0.0
		14	0.0	0.0	-2.8	0.0	-3.2	0.0	0.8	1.0	0.0	0.0	-1.6	0.0	0.8	0.0
		15	0.0	0.0	0.8	0.0	2.2	0.0	2.2	0.0	0.0	0.0	2.1	0.0	-0.4	0.0
		16	0.0	0.0	-2.7	0.0	-3.0	0.0	0.8	1.0	0.0	0.0	-1.5	0.0	0.8	0.0
		17	0.0	0.0	0.7	0.0	2.1	0.0	2.1	0.0	0.0	0.0	2.0	0.0	-0.4	0.0
		18	0.0	0.0	-0.9	0.0	-0.7	0.0	0.2	1.0	0.0	0.0	-0.1	0.0	0.2	0.0
		19	0.0	0.0	-0.4	0.0	0.1	0.0	0.3	.5	0.0	0.0	0.4	0.0	0.1	0.0
		20	0.0	0.0	-0.8	0.0	-0.5	0.0	0.2	.95	0.0	0.0	0.0	0.0	0.2	0.0
		21	0.0	0.0	-0.5	0.0	-0.1	0.0	0.2	.7	0.0	0.0	0.3	0.0	0.1	0.0
		22	0.0	0.0	-2.4	0.0	-2.8	0.0	0.7	1.0	0.0	0.0	-1.6	0.0	0.7	0.0
		23	0.0	0.0	1.0	0.0	2.2	0.0	2.2	0.0	0.0	0.0	1.9	0.0	-0.4	0.0
		24	0.0	0.0	-2.4	0.0	-2.9	0.0	0.7	1.0	0.0	0.0	-1.6	0.0	0.7	0.0
		25	0.0	0.0	1.1	0.0	2.3	0.0	2.3	0.0	0.0	0.0	1.9	0.0	-0.4	0.0

G (13-14)	2	1	-0.2	-0.8	0.3	0.0	0.2	-0.6	0.2	0.0	-0.2	-0.8	0.7	0.0	-0.4	0.5
		2	-2.5	-3.5	-0.5	0.0	0.4	-2.5	0.9	1.0	-2.5	-3.5	-0.1	0.0	0.9	2.2
		3	2.2	2.1	1.0	0.0	0.0	1.5	0.0	0.0	2.2	2.1	1.4	0.0	-1.7	-1.3
		4	-1.7	-3.4	0.5	0.0	0.1	-2.6	0.1	0.0	-1.7	-3.4	0.9	0.0	-0.9	2.2
		5	1.4	2.0	0.0	0.0	0.3	1.5	0.3	0.0	1.4	2.0	0.4	0.0	0.0	-1.3
		6	-1.9	-2.7	-0.4	0.0	0.4	-2.0	0.7	1.0	-1.9	-2.7	0.0	0.0	0.7	1.7
		7	1.7	1.3	0.9	0.0	0.0	1.0	0.0	0.0	1.7	1.3	1.3	0.0	-1.5	-0.8
		8	-0.9	-2.4	0.7	0.0	0.1	-1.8	0.1	0.0	-0.9	-2.4	1.1	0.0	-1.1	1.5
		9	0.6	1.0	-0.2	0.0	0.4	0.7	0.4	.45	0.6	1.0	0.2	0.0	0.3	-0.6
		10	-2.1	-1.5	-1.5	0.0	0.8	-1.1	2.6	1.0	-2.1	-1.5	-1.1	0.0	2.6	1.0
		11	1.8	0.1	2.0	0.0	-0.4	0.1	0.0	0.0	1.8	0.1	2.4	0.0	-3.4	-0.1
		12	-1.0	0.1	-1.4	0.0	0.7	0.1	2.4	1.0	-1.0	0.1	-1.0	0.0	2.4	0.0
		13	0.7	-1.5	1.9	0.0	-0.3	-1.1	0.0	0.0	0.7	-1.5	2.3	0.0	-3.2	0.9
		14	-2.3	-1.8	-1.6	0.0	0.8	-1.3	2.7	1.0	-2.3	-1.8	-1.2	0.0	2.7	1.2
		15	2.0	0.4	2.1	0.0	-0.4	0.3	0.0	0.0	2.0	0.4	2.5	0.0	-3.5	-0.3
		16	-1.6	-0.7	-1.5	0.0	0.8	-0.5	2.6	1.0	-1.6	-0.7	-1.1	0.0	2.6	0.5
		17	1.3	-0.7	2.0	0.0	-0.4	-0.6	0.0	0.0	1.3	-0.7	2.4	0.0	-3.4	0.4
		18	-2.1	-3.2	-0.1	0.0	0.2	-2.3	0.2	.35	-2.1	-3.2	0.2	0.0	0.1	2.0
		19	1.9	2.3	0.4	0.0	0.1	1.7	0.1	0.0	1.9	2.3	0.7	0.0	-0.7	-1.5
		20	-1.3	-2.3	0.0	0.0	0.2	-1.7	0.2	0.0	-1.3	-2.3	0.3	0.0	-0.1	1.4
		21	1.2	1.5	0.3	0.0	0.1	1.1	0.1	0.0	1.2	1.5	0.6	0.0	-0.4	-0.9
		22	-1.5	-0.4	-1.6	0.0	0.7	-0.3	2.6	1.0	-1.5	-0.4	-1.2	0.0	2.6	0.3
		23	1.3	-0.4	1.9	0.0	-0.4	-0.3	0.0	0.0	1.3	-0.4	2.2	0.0	-3.2	0.2
		24	-1.9	-0.9	-1.6	0.0	0.7	-0.7	2.7	1.0	-1.9	-0.9	-1.3	0.0	2.7	0.6
		25	1.7	0.1	1.9	0.0	-0.4	0.1	0.0	0.0	1.7	0.1	2.2	0.0	-3.3	-0.1
H (2-3)	2	1	0.0	0.0	-1.5	0.0	-0.9	0.0	0.6	1.0	0.0	0.0	-0.3	0.0	0.6	0.0
		2	0.0	0.0	-2.0	0.1	-1.8	0.0	0.5	1.0	0.0	0.0	-0.9	0.1	0.5	0.0
		3	0.0	0.0	-0.8	0.0	0.2	0.0	0.7	.7	0.0	0.0	0.3	0.0	0.6	0.0
		4	0.0	0.0	-1.1	0.0	-0.3	0.0	0.6	.95	0.0	0.0	0.0	0.0	0.6	0.0
		5	0.0	0.0	-1.7	0.0	-1.3	0.0	0.5	1.0	0.0	0.0	-0.6	0.0	0.5	0.0
		6	0.0	0.0	-1.8	0.0	-1.5	0.0	0.5	1.0	0.0	0.0	-0.7	0.0	0.5	0.0
		7	0.0	0.0	-1.0	0.0	-0.1	0.0	0.6	.85	0.0	0.0	0.1	0.0	0.6	0.0
		8	0.0	0.0	-0.8	0.0	0.2	0.0	0.7	.75	0.0	0.0	0.3	0.0	0.6	0.0
		9	0.0	0.0	-2.0	0.0	-1.7	0.0	0.5	1.0	0.0	0.0	-0.8	0.0	0.5	0.0
		10	0.0	0.0	-3.0	0.1	-3.4	0.0	0.5	1.0	0.0	0.0	-1.9	0.1	0.5	0.0
		11	0.0	0.0	0.2	0.0	1.8	0.0	1.8	0.0	0.0	0.0	1.3	0.0	0.6	0.0
		12	0.0	0.0	-2.9	0.1	-3.3	0.0	0.5	1.0	0.0	0.0	-1.8	0.1	0.5	0.0
		13	0.0	0.0	0.1	0.0	1.7	0.0	1.7	0.0	0.0	0.0	1.2	0.0	0.6	0.0
		14	0.0	0.0	-3.0	0.1	-3.5	0.0	0.5	1.0	0.0	0.0	-1.9	0.1	0.5	0.0
		15	0.0	0.0	0.2	0.0	1.9	0.0	1.9	0.0	0.0	0.0	1.4	0.0	0.7	0.0
		16	0.0	0.0	-3.1	0.1	-3.5	0.0	0.5	1.0	0.0	0.0	-1.9	0.1	0.5	0.0
		17	0.0	0.0	0.3	0.0	2.0	0.0	2.0	0.0	0.0	0.0	1.4	0.0	0.7	0.0
		18	0.0	0.0	-1.1	0.0	-0.7	0.0	0.3	1.0	0.0	0.0	-0.3	0.0	0.3	0.0
		19	0.0	0.0	-0.8	0.0	-0.3	0.0	0.4	1.0	0.0	0.0	0.0	0.0	0.4	0.0
		20	0.0	0.0	-0.8	0.0	-0.4	0.0	0.4	1.0	0.0	0.0	-0.1	0.0	0.4	0.0

		21	0.0	0.0	-1.0	0.0	-0.6	0.0	0.4	1.0	0.0	0.0	-0.2	0.0	0.4	0.0
		22	0.0	0.0	-2.5	0.0	-3.0	0.0	0.3	1.0	0.0	0.0	-1.7	0.0	0.3	0.0
		23	0.0	0.0	0.6	0.0	2.0	0.0	2.0	0.0	0.0	0.0	1.4	0.0	0.4	0.0
		24	0.0	0.0	-2.6	0.0	-3.2	0.0	0.3	1.0	0.0	0.0	-1.8	0.0	0.3	0.0
		25	0.0	0.0	0.7	0.0	2.2	0.0	2.2	0.0	0.0	0.0	1.5	0.0	0.5	0.0
H (3-4)	2	1	0.0	0.0	0.1	0.0	0.6	0.0	0.6	0.0	0.0	0.0	1.9	0.0	-1.0	0.0
		2	0.0	0.0	-0.5	0.0	0.5	0.0	0.6	.3	0.0	0.0	1.1	0.0	0.0	0.0
		3	0.0	0.0	0.7	0.0	0.6	0.0	0.6	0.0	0.0	0.0	2.3	0.0	-1.8	0.0
		4	0.0	0.0	0.4	0.0	0.6	0.0	0.6	0.0	0.0	0.0	2.1	0.0	-1.4	0.0
		5	0.0	0.0	-0.2	0.0	0.5	0.0	0.6	.15	0.0	0.0	1.4	0.0	-0.4	0.0
		6	0.0	0.0	-0.3	0.0	0.5	0.0	0.6	.2	0.0	0.0	1.3	0.0	-0.3	0.0
		7	0.0	0.0	0.5	0.0	0.6	0.0	0.6	0.0	0.0	0.0	2.2	0.0	-1.5	0.0
		8	0.0	0.0	0.6	0.0	0.6	0.0	0.6	0.0	0.0	0.0	2.3	0.0	-1.8	0.0
		9	0.0	0.0	-0.5	0.0	0.5	0.0	0.6	.3	0.0	0.0	1.2	0.0	0.0	0.0
		10	0.0	0.0	-1.5	0.0	0.4	0.0	1.5	.9	0.0	0.0	0.2	0.0	1.5	0.0
		11	0.0	0.0	1.6	0.0	0.6	0.0	0.6	0.0	0.0	0.0	3.3	0.0	-3.3	0.0
		12	0.0	0.0	-1.4	0.0	0.5	0.0	1.4	.85	0.0	0.0	0.3	0.0	1.4	0.0
		13	0.0	0.0	1.6	0.0	0.6	0.0	0.6	0.0	0.0	0.0	3.2	0.0	-3.2	0.0
		14	0.0	0.0	-1.5	0.0	0.4	0.0	1.6	.9	0.0	0.0	0.1	0.0	1.6	0.0
		15	0.0	0.0	1.7	0.0	0.7	0.0	0.7	0.0	0.0	0.0	3.4	0.0	-3.4	0.0
		16	0.0	0.0	-1.6	0.0	0.4	0.0	1.6	.95	0.0	0.0	0.1	0.0	1.6	0.0
		17	0.0	0.0	1.7	0.0	0.7	0.0	0.7	0.0	0.0	0.0	3.4	0.0	-3.4	0.0
		18	0.0	0.0	-0.1	0.0	0.3	0.0	0.3	.1	0.0	0.0	1.0	0.0	-0.3	0.0
		19	0.0	0.0	0.2	0.0	0.4	0.0	0.4	0.0	0.0	0.0	1.2	0.0	-0.8	0.0
		20	0.0	0.0	0.1	0.0	0.4	0.0	0.4	0.0	0.0	0.0	1.2	0.0	-0.7	0.0
		21	0.0	0.0	0.0	0.0	0.3	0.0	0.3	0.0	0.0	0.0	1.0	0.0	-0.5	0.0
		22	0.0	0.0	-1.5	0.0	0.3	0.0	1.8	1.0	0.0	0.0	-0.4	0.0	1.8	0.0
		23	0.0	0.0	1.6	0.0	0.4	0.0	0.4	0.0	0.0	0.0	2.6	0.0	-2.9	0.0
		24	0.0	0.0	-1.6	0.0	0.2	0.0	1.9	1.0	0.0	0.0	-0.5	0.0	1.9	0.0
		25	0.0	0.0	1.7	0.0	0.5	0.0	0.5	0.0	0.0	0.0	2.7	0.0	-3.1	0.0
H (4-5)	2	1	0.0	0.0	-2.0	0.1	-1.1	0.0	0.6	1.0	0.0	0.0	-0.2	0.1	0.6	0.0
		2	0.0	0.0	-2.4	0.1	-1.9	0.0	0.6	1.0	0.0	0.0	-0.7	0.1	0.6	0.0
		3	0.0	0.0	-1.3	0.1	-0.2	0.0	0.6	.75	0.0	0.0	0.4	0.1	0.6	0.0
		4	0.0	0.0	-1.6	0.1	-0.6	0.0	0.6	.95	0.0	0.0	0.1	0.1	0.6	0.0
		5	0.0	0.0	-2.1	0.1	-1.5	0.0	0.6	1.0	0.0	0.0	-0.4	0.1	0.6	0.0
		6	0.0	0.0	-2.2	0.1	-1.6	0.0	0.6	1.0	0.0	0.0	-0.5	0.1	0.6	0.0
		7	0.0	0.0	-1.5	0.1	-0.4	0.0	0.6	.85	0.0	0.0	0.2	0.1	0.6	0.0
		8	0.0	0.0	-1.3	0.1	-0.2	0.0	0.6	.8	0.0	0.0	0.3	0.1	0.6	0.0
		9	0.0	0.0	-2.3	0.1	-1.8	0.0	0.6	1.0	0.0	0.0	-0.7	0.1	0.6	0.0
		10	0.0	0.0	-3.2	0.1	-3.3	0.0	0.6	1.0	0.0	0.0	-1.6	0.1	0.6	0.0
		11	0.0	0.0	-0.4	0.1	1.2	0.0	1.3	.25	0.0	0.0	1.2	0.1	0.6	0.0
		12	0.0	0.0	-3.2	0.1	-3.1	0.0	0.6	1.0	0.0	0.0	-1.5	0.1	0.6	0.0
		13	0.0	0.0	-0.5	0.1	1.1	0.0	1.2	.3	0.0	0.0	1.2	0.1	0.6	0.0
		14	0.0	0.0	-3.3	0.1	-3.3	0.0	0.6	1.0	0.0	0.0	-1.6	0.1	0.6	0.0

		15	0.0	0.0	-0.4	0.1	1.3	0.0	1.3	.25	0.0	0.0	1.3	0.1	0.6	0.0
		16	0.0	0.0	-3.3	0.1	-3.4	0.0	0.6	1.0	0.0	0.0	-1.6	0.1	0.6	0.0
		17	0.0	0.0	-0.3	0.1	1.3	0.0	1.4	.2	0.0	0.0	1.3	0.1	0.6	0.0
		18	0.0	0.0	-1.3	0.0	-0.9	0.0	0.4	1.0	0.0	0.0	-0.2	0.0	0.4	0.0
		19	0.0	0.0	-1.0	0.0	-0.4	0.0	0.4	.95	0.0	0.0	0.0	0.0	0.4	0.0
		20	0.0	0.0	-1.1	0.0	-0.5	0.0	0.4	1.0	0.0	0.0	0.0	0.0	0.4	0.0
		21	0.0	0.0	-1.2	0.0	-0.7	0.0	0.4	1.0	0.0	0.0	-0.2	0.0	0.4	0.0
		22	0.0	0.0	-2.5	0.0	-2.8	0.0	0.4	1.0	0.0	0.0	-1.5	0.0	0.4	0.0
		23	0.0	0.0	0.2	0.0	1.5	0.0	1.5	0.0	0.0	0.0	1.3	0.0	0.3	0.0
		24	0.0	0.0	-2.6	0.0	-3.0	0.0	0.4	1.0	0.0	0.0	-1.6	0.0	0.4	0.0
		25	0.0	0.0	0.3	0.0	1.7	0.0	1.7	0.0	0.0	0.0	1.4	0.0	0.3	0.0
H (5-6)	2	1	0.0	0.0	0.3	-0.1	0.6	0.0	0.6	0.0	0.0	0.0	1.6	-0.1	-0.9	0.0
		2	0.0	0.0	-0.3	-0.1	0.6	0.0	0.6	.25	0.0	0.0	0.9	-0.1	0.1	0.0
		3	0.0	0.0	0.8	-0.1	0.6	0.0	0.6	0.0	0.0	0.0	2.0	-0.1	-1.7	0.0
		4	0.0	0.0	0.6	-0.1	0.6	0.0	0.6	0.0	0.0	0.0	1.7	-0.1	-1.2	0.0
		5	0.0	0.0	0.0	-0.1	0.6	0.0	0.6	0.0	0.0	0.0	1.2	-0.1	-0.4	0.0
		6	0.0	0.0	-0.1	-0.1	0.6	0.0	0.6	.1	0.0	0.0	1.1	-0.1	-0.2	0.0
		7	0.0	0.0	0.7	-0.1	0.6	0.0	0.6	0.0	0.0	0.0	1.8	-0.1	-1.4	0.0
		8	0.0	0.0	0.8	-0.1	0.6	0.0	0.6	0.0	0.0	0.0	1.9	-0.1	-1.6	0.0
		9	0.0	0.0	-0.2	-0.1	0.6	0.0	0.6	.2	0.0	0.0	0.9	-0.1	0.0	0.0
		10	0.0	0.0	-1.1	-0.1	0.6	0.0	1.5	1.0	0.0	0.0	0.0	-0.1	1.5	0.0
		11	0.0	0.0	1.7	-0.1	0.6	0.0	0.6	0.0	0.0	0.0	2.9	-0.1	-3.0	0.0
		12	0.0	0.0	-1.1	-0.1	0.6	0.0	1.3	.9	0.0	0.0	0.1	-0.1	1.3	0.0
		13	0.0	0.0	1.6	-0.1	0.6	0.0	0.6	0.0	0.0	0.0	2.8	-0.1	-2.9	0.0
		14	0.0	0.0	-1.2	-0.1	0.6	0.0	1.5	1.0	0.0	0.0	0.0	-0.1	1.5	0.0
		15	0.0	0.0	1.7	-0.1	0.6	0.0	0.6	0.0	0.0	0.0	2.9	-0.1	-3.1	0.0
		16	0.0	0.0	-1.2	-0.1	0.6	0.0	1.6	1.0	0.0	0.0	-0.1	-0.1	1.6	0.0
		17	0.0	0.0	1.8	-0.1	0.6	0.0	0.6	0.0	0.0	0.0	2.9	-0.1	-3.2	0.0
		18	0.0	0.0	0.0	0.0	0.4	0.0	0.4	0.0	0.0	0.0	0.8	0.0	-0.3	0.0
		19	0.0	0.0	0.3	0.0	0.4	0.0	0.4	0.0	0.0	0.0	1.1	0.0	-0.7	0.0
		20	0.0	0.0	0.2	0.0	0.4	0.0	0.4	0.0	0.0	0.0	1.0	0.0	-0.6	0.0
		21	0.0	0.0	0.1	0.0	0.4	0.0	0.4	0.0	0.0	0.0	0.9	0.0	-0.4	0.0
		22	0.0	0.0	-1.2	0.0	0.4	0.0	1.7	1.0	0.0	0.0	-0.5	0.0	1.7	0.0
		23	0.0	0.0	1.6	-0.1	0.4	0.0	0.4	0.0	0.0	0.0	2.3	-0.1	-2.7	0.0
		24	0.0	0.0	-1.3	0.0	0.4	0.0	1.8	1.0	0.0	0.0	-0.5	0.0	1.8	0.0
		25	0.0	0.0	1.7	-0.1	0.4	0.0	0.4	0.0	0.0	0.0	2.4	-0.1	-2.9	0.0
H (6-7)	2	1	0.0	0.0	-1.3	0.0	-0.8	0.0	0.3	.55	0.0	0.0	1.2	0.0	-0.6	0.0
		2	0.0	0.0	-1.8	0.0	-1.6	0.0	0.5	.75	0.0	0.0	0.5	0.0	0.4	0.0
		3	0.0	0.0	-0.7	0.0	0.2	0.0	0.5	.3	0.0	0.0	1.6	0.0	-1.4	0.0
		4	0.0	0.0	-0.9	0.0	-0.3	0.0	0.3	.4	0.0	0.0	1.4	0.0	-1.0	0.0
		5	0.0	0.0	-1.5	0.0	-1.2	0.0	0.4	.65	0.0	0.0	0.8	0.0	-0.1	0.0
		6	0.0	0.0	-1.6	0.0	-1.3	0.0	0.4	.7	0.0	0.0	0.7	0.0	0.1	0.0
		7	0.0	0.0	-0.8	0.0	-0.1	0.0	0.4	.35	0.0	0.0	1.5	0.0	-1.1	0.0
		8	0.0	0.0	-0.7	0.0	0.1	0.0	0.4	.3	0.0	0.0	1.6	0.0	-1.3	0.0



9	0.0	0.0	-1.7	0.0	-1.5	0.0	0.5	.75	0.0	0.0	0.6	0.0	0.3	0.0
10	0.0	0.0	-2.6	0.0	-3.0	0.0	1.8	1.0	0.0	0.0	-0.4	0.0	1.8	0.0
11	0.0	0.0	0.2	0.0	1.5	0.0	1.5	0.0	0.0	0.0	2.5	0.0	-2.8	0.0
12	0.0	0.0	-2.6	0.0	-2.9	0.0	1.6	1.0	0.0	0.0	-0.3	0.0	1.6	0.0
13	0.0	0.0	0.1	0.0	1.4	0.0	1.4	0.0	0.0	0.0	2.4	0.0	-2.7	0.0
14	0.0	0.0	-2.7	0.0	-3.1	0.0	1.8	1.0	0.0	0.0	-0.4	0.0	1.8	0.0
15	0.0	0.0	0.3	0.0	1.6	0.0	1.6	0.0	0.0	0.0	2.6	0.0	-2.9	0.0
16	0.0	0.0	-2.7	0.0	-3.1	0.0	1.9	1.0	0.0	0.0	-0.4	0.0	1.9	0.0
17	0.0	0.0	0.3	0.0	1.7	0.0	1.7	0.0	0.0	0.0	2.6	0.0	-2.9	0.0
18	0.0	0.0	-0.9	0.0	-0.7	0.0	0.2	.6	0.0	0.0	0.6	0.0	-0.1	0.0
19	0.0	0.0	-0.6	0.0	-0.3	0.0	0.2	.45	0.0	0.0	0.8	0.0	-0.6	0.0
20	0.0	0.0	-0.7	0.0	-0.4	0.0	0.2	.5	0.0	0.0	0.8	0.0	-0.5	0.0
21	0.0	0.0	-0.9	0.0	-0.6	0.0	0.2	.55	0.0	0.0	0.6	0.0	-0.2	0.0
22	0.0	0.0	-2.2	0.0	-2.7	0.0	1.9	1.0	0.0	0.0	-0.7	0.0	1.9	0.0
23	0.0	0.0	0.6	0.0	1.7	0.0	1.7	0.0	0.0	0.0	2.1	0.0	-2.6	0.0
24	0.0	0.0	-2.3	0.0	-2.8	0.0	2.0	1.0	0.0	0.0	-0.8	0.0	2.0	0.0
25	0.0	0.0	0.7	0.0	1.9	0.0	1.9	0.0	0.0	0.0	2.2	0.0	-2.7	0.0

H (7-8)	2	1	0.0	0.0	-1.3	0.0	-0.7	0.0	0.3	.5	0.0	0.0	1.2	0.0	-0.6	0.0
		2	0.0	0.0	-1.7	0.0	-1.5	0.0	0.5	.75	0.0	0.0	0.6	0.0	0.3	0.0
		3	0.0	0.0	-0.6	0.0	0.2	0.0	0.5	.3	0.0	0.0	1.7	0.0	-1.4	0.0
		4	0.0	0.0	-0.9	0.0	-0.2	0.0	0.3	.4	0.0	0.0	1.4	0.0	-1.0	0.0
		5	0.0	0.0	-1.5	0.0	-1.1	0.0	0.4	.65	0.0	0.0	0.8	0.0	-0.1	0.0
		6	0.0	0.0	-1.6	0.0	-1.3	0.0	0.4	.7	0.0	0.0	0.7	0.0	0.1	0.0
		7	0.0	0.0	-0.8	0.0	-0.1	0.0	0.4	.35	0.0	0.0	1.5	0.0	-1.1	0.0
		8	0.0	0.0	-0.7	0.0	0.2	0.0	0.5	.3	0.0	0.0	1.6	0.0	-1.4	0.0
		9	0.0	0.0	-1.7	0.0	-1.5	0.0	0.5	.75	0.0	0.0	0.6	0.0	0.3	0.0
		10	0.0	0.0	-2.6	0.0	-2.9	0.0	1.7	1.0	0.0	0.0	-0.3	0.0	1.7	0.0
		11	0.0	0.0	0.2	0.0	1.6	0.0	1.6	0.0	0.0	0.0	2.5	0.0	-2.8	0.0
		12	0.0	0.0	-2.5	0.0	-2.8	0.0	1.6	1.0	0.0	0.0	-0.2	0.0	1.6	0.0
		13	0.0	0.0	0.2	0.0	1.5	0.0	1.5	0.0	0.0	0.0	2.5	0.0	-2.7	0.0
		14	0.0	0.0	-2.7	0.0	-3.0	0.0	1.8	1.0	0.0	0.0	-0.4	0.0	1.8	0.0
		15	0.0	0.0	0.3	0.0	1.7	0.0	1.7	0.0	0.0	0.0	2.6	0.0	-2.9	0.0
		16	0.0	0.0	-2.7	0.0	-3.1	0.0	1.9	1.0	0.0	0.0	-0.4	0.0	1.9	0.0
		17	0.0	0.0	0.3	0.0	1.7	0.0	1.7	0.0	0.0	0.0	2.6	0.0	-2.9	0.0
		18	0.0	0.0	-0.9	0.0	-0.6	0.0	0.2	.6	0.0	0.0	0.6	0.0	-0.1	0.0
		19	0.0	0.0	-0.6	0.0	-0.2	0.0	0.2	.4	0.0	0.0	0.9	0.0	-0.6	0.0
		20	0.0	0.0	-0.7	0.0	-0.3	0.0	0.2	.45	0.0	0.0	0.8	0.0	-0.5	0.0
		21	0.0	0.0	-0.8	0.0	-0.5	0.0	0.2	.55	0.0	0.0	0.7	0.0	-0.2	0.0
		22	0.0	0.0	-2.2	0.0	-2.6	0.0	1.8	1.0	0.0	0.0	-0.7	0.0	1.8	0.0
		23	0.0	0.0	0.6	0.0	1.8	0.0	1.8	0.0	0.0	0.0	2.1	0.0	-2.6	0.0
		24	0.0	0.0	-2.3	0.0	-2.8	0.0	2.0	1.0	0.0	0.0	-0.8	0.0	2.0	0.0
		25	0.0	0.0	0.7	0.0	1.9	0.0	1.9	0.0	0.0	0.0	2.2	0.0	-2.7	0.0

H (8-9)	2	1	0.0	0.0	-1.2	0.0	-0.7	0.0	0.3	.5	0.0	0.0	1.3	0.0	-0.8	0.0
		2	0.0	0.0	-1.7	0.0	-1.5	0.0	0.5	.75	0.0	0.0	0.6	0.0	0.2	0.0

	3	0.0	0.0	-0.6	0.0	0.3	0.0	0.5	.25	0.0	0.0	1.7	0.0	-1.6	0.0	
	4	0.0	0.0	-0.8	0.0	-0.2	0.0	0.3	.35	0.0	0.0	1.5	0.0	-1.2	0.0	
	5	0.0	0.0	-1.4	0.0	-1.1	0.0	0.3	.6	0.0	0.0	0.9	0.0	-0.2	0.0	
	6	0.0	0.0	-1.5	0.0	-1.2	0.0	0.3	.65	0.0	0.0	0.8	0.0	-0.1	0.0	
	7	0.0	0.0	-0.7	0.0	0.0	0.0	0.4	.3	0.0	0.0	1.6	0.0	-1.3	0.0	
	8	0.0	0.0	-0.6	0.0	0.2	0.0	0.5	.25	0.0	0.0	1.7	0.0	-1.5	0.0	
	9	0.0	0.0	-1.6	0.0	-1.4	0.0	0.4	.7	0.0	0.0	0.6	0.0	0.1	0.0	
	10	0.0	0.0	-2.6	0.0	-2.9	0.0	1.6	1.0	0.0	0.0	-0.3	0.0	1.6	0.0	
	11	0.0	0.0	0.3	0.0	1.7	0.0	1.7	0.0	0.0	0.0	2.6	0.0	-3.0	0.0	
	12	0.0	0.0	-2.5	0.0	-2.8	0.0	1.5	1.0	0.0	0.0	-0.2	0.0	1.5	0.0	
	13	0.0	0.0	0.3	0.0	1.5	0.0	1.5	0.0	0.0	0.0	2.6	0.0	-2.9	0.0	
	14	0.0	0.0	-2.6	0.0	-3.0	0.0	1.7	1.0	0.0	0.0	-0.3	0.0	1.7	0.0	
	15	0.0	0.0	0.4	0.0	1.7	0.0	1.7	0.0	0.0	0.0	2.7	0.0	-3.1	0.0	
	16	0.0	0.0	-2.7	0.0	-3.0	0.0	1.8	1.0	0.0	0.0	-0.4	0.0	1.8	0.0	
	17	0.0	0.0	0.4	0.0	1.8	0.0	1.8	0.0	0.0	0.0	2.7	0.0	-3.2	0.0	
	18	0.0	0.0	-0.9	0.0	-0.6	0.0	0.2	.6	0.0	0.0	0.6	0.0	-0.2	0.0	
	19	0.0	0.0	-0.6	0.0	-0.2	0.0	0.2	.4	0.0	0.0	0.9	0.0	-0.7	0.0	
	20	0.0	0.0	-0.7	0.0	-0.3	0.0	0.2	.45	0.0	0.0	0.8	0.0	-0.6	0.0	
	21	0.0	0.0	-0.8	0.0	-0.5	0.0	0.2	.55	0.0	0.0	0.7	0.0	-0.3	0.0	
	22	0.0	0.0	-2.1	0.0	-2.6	0.0	1.8	1.0	0.0	0.0	-0.7	0.0	1.8	0.0	
	23	0.0	0.0	0.7	0.0	1.8	0.0	1.8	0.0	0.0	0.0	2.2	0.0	-2.7	0.0	
	24	0.0	0.0	-2.3	0.0	-2.8	0.0	2.0	1.0	0.0	0.0	-0.8	0.0	2.0	0.0	
	25	0.0	0.0	0.8	0.0	2.0	0.0	2.0	0.0	0.0	0.0	2.3	0.0	-2.9	0.0	
H (9-10)	2	1	0.0	0.0	-2.4	0.0	-1.7	0.0	0.9	.5	0.0	0.0	2.4	0.0	-1.6	0.0
		2	0.0	0.0	-2.6	0.0	-2.2	0.0	0.9	.6	0.0	0.0	1.9	0.0	-0.8	0.0
		3	0.0	0.0	-1.9	0.0	-0.8	0.0	0.9	.45	0.0	0.0	2.5	0.0	-2.2	0.0
		4	0.0	0.0	-2.1	0.0	-1.2	0.0	0.9	.45	0.0	0.0	2.4	0.0	-1.8	0.0
		5	0.0	0.0	-2.4	0.0	-1.9	0.0	0.9	.55	0.0	0.0	2.0	0.0	-1.1	0.0
		6	0.0	0.0	-2.4	0.0	-2.0	0.0	0.9	.55	0.0	0.0	2.0	0.0	-1.0	0.0
		7	0.0	0.0	-2.0	0.0	-1.0	0.0	0.9	.45	0.0	0.0	2.4	0.0	-1.9	0.0
		8	0.0	0.0	-1.9	0.0	-0.9	0.0	0.9	.45	0.0	0.0	2.5	0.0	-2.1	0.0
		9	0.0	0.0	-2.5	0.0	-2.2	0.0	0.9	.55	0.0	0.0	1.9	0.0	-0.8	0.0
		10	0.0	0.0	-3.1	0.0	-3.3	0.0	1.2	.7	0.0	0.0	1.4	0.0	0.3	0.0
		11	0.0	0.0	-1.4	0.0	0.3	0.0	1.2	.3	0.0	0.0	3.1	0.0	-3.3	0.0
		12	0.0	0.0	-3.0	0.0	-3.2	0.0	1.2	.7	0.0	0.0	1.4	0.0	0.2	0.0
		13	0.0	0.0	-1.4	0.0	0.2	0.0	1.1	.3	0.0	0.0	3.0	0.0	-3.2	0.0
		14	0.0	0.0	-3.1	0.0	-3.4	0.0	1.2	.7	0.0	0.0	1.3	0.0	0.4	0.0
		15	0.0	0.0	-1.3	0.0	0.3	0.0	1.2	.3	0.0	0.0	3.1	0.0	-3.3	0.0
		16	0.0	0.0	-3.1	0.0	-3.4	0.0	1.2	.7	0.0	0.0	1.3	0.0	0.4	0.0
		17	0.0	0.0	-1.3	0.0	0.4	0.0	1.2	.3	0.0	0.0	3.1	0.0	-3.4	0.0
		18	0.0	0.0	-1.5	0.0	-1.1	0.0	0.5	.55	0.0	0.0	1.3	0.0	-0.8	0.0
		19	0.0	0.0	-1.3	0.0	-0.8	0.0	0.5	.45	0.0	0.0	1.5	0.0	-1.1	0.0
		20	0.0	0.0	-1.4	0.0	-0.9	0.0	0.5	.5	0.0	0.0	1.4	0.0	-1.0	0.0
		21	0.0	0.0	-1.4	0.0	-1.0	0.0	0.5	.5	0.0	0.0	1.3	0.0	-0.8	0.0
		22	0.0	0.0	-2.2	0.0	-2.7	0.0	1.1	.8	0.0	0.0	0.6	0.0	0.8	0.0

		23	0.0	0.0	-0.6	0.0	0.8	0.0	1.0	.2	0.0	0.0	2.2	0.0	-2.7	0.0
		24	0.0	0.0	-2.3	0.0	-2.8	0.0	1.1	.8	0.0	0.0	0.5	0.0	0.9	0.0
		25	0.0	0.0	-0.5	0.0	0.9	0.0	1.1	.2	0.0	0.0	2.3	0.0	-2.8	0.0
H (10-11)	2	1	0.0	0.0	-1.9	0.0	-1.1	0.0	0.4	.5	0.0	0.0	1.7	0.0	-0.9	0.0
		2	0.0	0.0	-2.3	0.0	-1.9	0.0	0.6	.7	0.0	0.0	1.0	0.0	0.1	0.0
		3	0.0	0.0	-1.2	0.0	-0.1	0.0	0.5	.35	0.0	0.0	2.2	0.0	-1.7	0.0
		4	0.0	0.0	-1.5	0.0	-0.6	0.0	0.4	.45	0.0	0.0	1.9	0.0	-1.3	0.0
		5	0.0	0.0	-2.0	0.0	-1.5	0.0	0.5	.6	0.0	0.0	1.3	0.0	-0.3	0.0
		6	0.0	0.0	-2.1	0.0	-1.7	0.0	0.5	.65	0.0	0.0	1.2	0.0	-0.2	0.0
		7	0.0	0.0	-1.4	0.0	-0.4	0.0	0.5	.4	0.0	0.0	2.0	0.0	-1.4	0.0
		8	0.0	0.0	-1.2	0.0	-0.2	0.0	0.5	.35	0.0	0.0	2.1	0.0	-1.6	0.0
		9	0.0	0.0	-2.3	0.0	-1.9	0.0	0.6	.7	0.0	0.0	1.1	0.0	0.0	0.0
		10	0.0	0.0	-3.2	0.0	-3.4	0.0	1.5	.95	0.0	0.0	0.1	0.0	1.5	0.0
		11	0.0	0.0	-0.3	0.0	1.3	0.0	1.3	.1	0.0	0.0	3.1	0.0	-3.1	0.0
		12	0.0	0.0	-3.1	0.0	-3.2	0.0	1.4	.95	0.0	0.0	0.2	0.0	1.4	0.0
		13	0.0	0.0	-0.4	0.0	1.2	0.0	1.2	.1	0.0	0.0	3.0	0.0	-3.0	0.0
		14	0.0	0.0	-3.2	0.0	-3.4	0.0	1.6	.95	0.0	0.0	0.1	0.0	1.5	0.0
		15	0.0	0.0	-0.2	0.0	1.4	0.0	1.4	.05	0.0	0.0	3.1	0.0	-3.2	0.0
		16	0.0	0.0	-3.3	0.0	-3.5	0.0	1.6	1.0	0.0	0.0	0.1	0.0	1.6	0.0
		17	0.0	0.0	-0.2	0.0	1.4	0.0	1.4	.05	0.0	0.0	3.1	0.0	-3.2	0.0
		18	0.0	0.0	-1.2	0.0	-0.9	0.0	0.3	.6	0.0	0.0	0.9	0.0	-0.3	0.0
		19	0.0	0.0	-1.0	0.0	-0.4	0.0	0.3	.45	0.0	0.0	1.1	0.0	-0.7	0.0
		20	0.0	0.0	-1.0	0.0	-0.5	0.0	0.3	.5	0.0	0.0	1.1	0.0	-0.6	0.0
		21	0.0	0.0	-1.2	0.0	-0.8	0.0	0.3	.55	0.0	0.0	0.9	0.0	-0.4	0.0
		22	0.0	0.0	-2.5	0.0	-2.9	0.0	1.7	1.0	0.0	0.0	-0.4	0.0	1.7	0.0
		23	0.0	0.0	0.3	0.0	1.6	0.0	1.6	0.0	0.0	0.0	2.4	0.0	-2.7	0.0
		24	0.0	0.0	-2.6	0.0	-3.1	0.0	1.9	1.0	0.0	0.0	-0.5	0.0	1.9	0.0
		25	0.0	0.0	0.4	0.0	1.8	0.0	1.8	0.0	0.0	0.0	2.5	0.0	-2.9	0.0
H (11-12)	2	1	0.0	0.0	-1.9	0.0	-1.0	0.0	0.5	.5	0.0	0.0	1.8	0.0	-0.8	0.0
		2	0.0	0.0	-2.3	0.0	-1.8	0.0	0.7	.7	0.0	0.0	1.1	0.0	0.1	0.0
		3	0.0	0.0	-1.2	0.0	-0.1	0.0	0.6	.35	0.0	0.0	2.1	0.0	-1.6	0.0
		4	0.0	0.0	-1.5	0.0	-0.5	0.0	0.5	.45	0.0	0.0	1.9	0.0	-1.2	0.0
		5	0.0	0.0	-2.0	0.0	-1.4	0.0	0.5	.6	0.0	0.0	1.3	0.0	-0.3	0.0
		6	0.0	0.0	-2.1	0.0	-1.5	0.0	0.6	.65	0.0	0.0	1.2	0.0	-0.1	0.0
		7	0.0	0.0	-1.4	0.0	-0.3	0.0	0.5	.4	0.0	0.0	2.0	0.0	-1.3	0.0
		8	0.0	0.0	-1.2	0.0	-0.1	0.0	0.6	.35	0.0	0.0	2.1	0.0	-1.5	0.0
		9	0.0	0.0	-2.2	0.0	-1.7	0.0	0.6	.65	0.0	0.0	1.1	0.0	0.1	0.0
		10	0.0	0.0	-3.1	0.0	-3.2	0.0	1.5	.95	0.0	0.0	0.2	0.0	1.5	0.0
		11	0.0	0.0	-0.3	0.0	1.3	0.0	1.4	.1	0.0	0.0	3.0	0.0	-3.0	0.0
		12	0.0	0.0	-3.1	0.0	-3.1	0.0	1.4	.9	0.0	0.0	0.3	0.0	1.4	0.0
		13	0.0	0.0	-0.4	0.0	1.2	0.0	1.3	.1	0.0	0.0	2.9	0.0	-2.8	0.0
		14	0.0	0.0	-3.2	0.0	-3.2	0.0	1.6	.95	0.0	0.0	0.2	0.0	1.6	0.0
		15	0.0	0.0	-0.3	0.0	1.4	0.0	1.4	.1	0.0	0.0	3.1	0.0	-3.0	0.0
		16	0.0	0.0	-3.2	0.0	-3.3	0.0	1.6	.95	0.0	0.0	0.1	0.0	1.6	0.0

		17	0.0	0.0	-0.2	0.0	1.4	0.0	1.5	.05	0.0	0.0	3.1	0.0	-3.1	0.0
		18	0.0	0.0	-1.2	0.0	-0.8	0.0	0.3	.6	0.0	0.0	0.9	0.0	-0.3	0.0
		19	0.0	0.0	-1.0	0.0	-0.4	0.0	0.3	.45	0.0	0.0	1.1	0.0	-0.7	0.0
		20	0.0	0.0	-1.0	0.0	-0.5	0.0	0.3	.5	0.0	0.0	1.1	0.0	-0.6	0.0
		21	0.0	0.0	-1.2	0.0	-0.7	0.0	0.3	.55	0.0	0.0	0.9	0.0	-0.4	0.0
		22	0.0	0.0	-2.5	0.0	-2.8	0.0	1.7	1.0	0.0	0.0	-0.4	0.0	1.7	0.0
		23	0.0	0.0	0.3	0.0	1.6	0.0	1.6	0.0	0.0	0.0	2.4	0.0	-2.6	0.0
		24	0.0	0.0	-2.6	0.0	-2.9	0.0	1.8	1.0	0.0	0.0	-0.5	0.0	1.8	0.0
		25	0.0	0.0	0.4	0.0	1.7	0.0	1.7	0.0	0.0	0.0	2.5	0.0	-2.8	0.0
H (12-13)	2	1	-0.3	-0.1	-0.6	0.0	-0.4	-0.1	0.1	1.0	-0.3	-0.1	0.0	0.0	0.1	0.0
		2	-0.6	-0.2	-1.2	0.0	-1.3	-0.4	0.3	1.0	-0.6	-0.2	-0.6	0.0	0.3	0.0
		3	0.1	0.1	0.1	0.0	0.5	0.3	0.5	0.0	0.1	0.1	0.6	0.0	-0.1	0.0
		4	-0.2	-0.2	-0.2	0.0	0.1	-0.4	0.2	.45	-0.2	-0.2	0.3	0.0	0.0	0.0
		5	-0.3	0.1	-0.9	0.0	-0.9	0.3	0.2	1.0	-0.3	0.1	-0.3	0.0	0.2	0.0
		6	-0.4	-0.2	-1.0	0.0	-1.0	-0.4	0.2	1.0	-0.4	-0.2	-0.4	0.0	0.2	0.0
		7	0.0	0.1	-0.1	0.0	0.2	0.2	0.3	.25	0.0	0.1	0.4	0.0	0.0	0.0
		8	0.0	-0.2	0.0	0.0	0.5	-0.3	0.5	0.0	0.0	-0.2	0.6	0.0	-0.1	0.0
		9	-0.5	0.1	-1.1	0.0	-1.3	0.1	0.3	1.0	-0.5	0.1	-0.6	0.0	0.3	0.0
		10	-1.0	-0.1	-2.1	0.0	-2.8	-0.2	0.5	1.0	-1.0	-0.1	-1.6	0.0	0.5	0.0
		11	0.5	0.0	1.0	0.0	2.0	0.0	2.0	0.0	0.5	0.0	1.6	0.0	-0.3	0.0
		12	-0.9	0.0	-2.0	0.0	-2.7	0.0	0.5	1.0	-0.9	0.0	-1.5	0.0	0.5	0.0
		13	0.4	-0.1	0.9	0.0	1.9	-0.2	1.9	0.0	0.4	-0.1	1.5	0.0	-0.3	0.0
		14	-1.0	-0.1	-2.2	0.0	-2.9	-0.2	0.6	1.0	-1.0	-0.1	-1.6	0.0	0.6	0.0
		15	0.5	0.0	1.1	0.0	2.1	0.0	2.1	0.0	0.5	0.0	1.6	0.0	-0.3	0.0
		16	-1.0	0.0	-2.2	0.0	-2.9	-0.1	0.6	1.0	-1.0	0.0	-1.7	0.0	0.6	0.0
		17	0.5	-0.1	1.1	0.0	2.2	-0.1	2.2	0.0	0.5	-0.1	1.7	0.0	-0.4	0.0
		18	-0.3	-0.2	-0.6	0.0	-0.5	-0.4	0.1	1.0	-0.3	-0.2	-0.1	0.0	0.1	0.0
		19	0.0	0.2	-0.3	0.0	0.0	0.3	0.1	.6	0.0	0.2	0.2	0.0	0.0	0.0
		20	-0.1	-0.2	-0.3	0.0	-0.2	-0.3	0.1	.8	-0.1	-0.2	0.1	0.0	0.1	0.0
		21	-0.2	0.1	-0.5	0.0	-0.4	0.2	0.1	1.0	-0.2	0.1	-0.1	0.0	0.1	0.0
		22	-0.9	0.0	-1.9	0.0	-2.6	0.0	0.5	1.0	-0.9	0.0	-1.5	0.0	0.5	0.0
		23	0.6	0.0	1.1	0.0	2.1	-0.1	2.1	0.0	0.6	0.0	1.5	0.0	-0.3	0.0
		24	-0.9	-0.1	-2.1	0.0	-2.8	-0.1	0.5	1.0	-0.9	-0.1	-1.6	0.0	0.5	0.0
		25	0.6	0.0	1.2	0.0	2.2	0.0	2.2	0.0	0.6	0.0	1.7	0.0	-0.4	0.0
H (13-14)	2	1	-0.3	-0.1	0.0	0.0	0.1	0.0	0.1	.05	-0.3	-0.1	0.4	0.0	-0.2	0.1
		2	-0.6	-0.3	-0.6	0.0	0.3	0.0	0.8	1.0	-0.6	-0.3	-0.2	0.0	0.8	0.4
		3	0.1	0.2	0.6	0.0	-0.1	0.0	0.0	0.0	0.1	0.2	1.0	0.0	-1.2	-0.2
		4	-0.1	-0.3	0.3	0.0	0.0	0.0	0.0	0.0	-0.1	-0.3	0.7	0.0	-0.7	0.4
		5	-0.3	0.2	-0.3	0.0	0.2	0.0	0.4	.75	-0.3	0.2	0.1	0.0	0.4	-0.3
		6	-0.4	-0.2	-0.4	0.0	0.2	0.0	0.5	1.0	-0.4	-0.2	0.0	0.0	0.5	0.3
		7	0.0	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.8	0.0	-0.9	-0.2
		8	0.0	-0.2	0.6	0.0	-0.1	0.0	0.0	0.0	0.0	-0.2	1.0	0.0	-1.1	0.3
		9	-0.5	0.1	-0.6	0.0	0.3	0.0	0.8	1.0	-0.5	0.1	-0.2	0.0	0.8	-0.1
		10	-1.0	-0.1	-1.6	0.0	0.5	0.0	2.4	1.0	-1.0	-0.1	-1.2	0.0	2.4	0.2

11	0.6	0.0	1.6	0.0	-0.3	0.0	0.0	0.0	0.6	0.0	2.0	0.0	-2.8	0.0
12	-1.0	0.0	-1.5	0.0	0.5	0.0	2.3	1.0	-1.0	0.0	-1.1	0.0	2.3	0.0
13	0.5	-0.1	1.5	0.0	-0.3	0.0	0.0	0.0	0.5	-0.1	1.9	0.0	-2.6	0.2
14	-1.0	-0.1	-1.6	0.0	0.6	0.0	2.5	1.0	-1.0	-0.1	-1.2	0.0	2.5	0.2
15	0.6	0.0	1.6	0.0	-0.3	0.0	0.0	0.0	0.6	0.0	2.0	0.0	-2.9	0.0
16	-1.0	0.0	-1.7	0.0	0.6	0.0	2.6	1.0	-1.0	0.0	-1.3	0.0	2.6	0.0
17	0.6	-0.1	1.7	0.0	-0.4	0.0	0.0	0.0	0.6	-0.1	2.1	0.0	-2.9	0.1
18	-0.3	-0.3	-0.1	0.0	0.1	0.0	0.2	.45	-0.3	-0.3	0.2	0.0	0.1	0.4
19	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.0	-0.4	-0.3
20	-0.1	-0.2	0.1	0.0	0.1	0.0	0.1	0.0	-0.1	-0.2	0.4	0.0	-0.3	0.3
21	-0.2	0.1	-0.1	0.0	0.1	0.0	0.1	.25	-0.2	0.1	0.2	0.0	0.0	-0.2
22	-0.9	0.0	-1.5	0.0	0.5	0.0	2.4	1.0	-0.9	0.0	-1.2	0.0	2.4	0.0
23	0.6	0.0	1.5	0.0	-0.3	0.0	0.0	0.0	0.6	0.0	1.9	0.0	-2.7	0.1
24	-1.0	-0.1	-1.6	0.0	0.5	0.0	2.6	1.0	-1.0	-0.1	-1.3	0.0	2.6	0.1
25	0.7	0.0	1.7	0.0	-0.4	0.0	0.0	0.0	0.7	0.0	2.0	0.0	-2.9	0.0

I (3-4)

2

1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	-0.9	0.0
2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	-0.9	0.0
3	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	-0.9	0.0
4	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	-0.9	0.0
5	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	-0.9	0.0
6	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	-0.9	0.0
7	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	-0.9	0.0
8	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	-0.9	0.0
9	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	-0.9	0.0
10	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	-0.8	0.0
11	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	-0.9	0.0
12	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	-0.8	0.0
13	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	-0.9	0.0
14	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	-0.8	0.0
15	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	-0.9	0.0
16	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	-0.8	0.0
17	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	-0.9	0.0
18	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	-0.6	0.0
19	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	-0.6	0.0
20	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	-0.6	0.0
21	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	-0.6	0.0
22	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	-0.5	0.0
23	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	-0.6	0.0
24	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	-0.5	0.0
25	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	-0.6	0.0

I (4-5)

2

1	0.0	0.0	-1.0	0.0	-1.0	0.0	0.0	1.0	0.0	0.0	-0.2	0.0	0.0	0.0
2	0.0	0.0	-0.9	0.0	-0.9	0.0	0.0	1.0	0.0	0.0	-0.2	0.0	0.0	0.0
3	0.0	0.0	-0.9	0.0	-0.9	0.0	0.0	1.0	0.0	0.0	-0.2	0.0	0.0	0.0
4	0.0	0.0	-0.9	0.0	-0.9	0.0	0.0	1.0	0.0	0.0	-0.2	0.0	0.0	0.0



		25	0.0	0.0	-0.7	0.0	0.1	0.0	0.7	.4	0.0	0.0	1.0	0.0	-0.6	0.0
I (10-11)	2	1	0.0	0.0	-1.1	0.0	-0.9	0.0	0.1	.55	0.0	0.0	0.9	0.0	-0.5	0.0
		2	0.0	0.0	-1.0	0.0	-0.9	0.0	0.1	.55	0.0	0.0	0.8	0.0	-0.5	0.0
		3	0.0	0.0	-1.0	0.0	-0.9	0.0	0.1	.55	0.0	0.0	0.8	0.0	-0.5	0.0
		4	0.0	0.0	-1.0	0.0	-0.9	0.0	0.1	.55	0.0	0.0	0.8	0.0	-0.5	0.0
		5	0.0	0.0	-1.0	0.0	-0.9	0.0	0.1	.55	0.0	0.0	0.8	0.0	-0.5	0.0
		6	0.0	0.0	-1.0	0.0	-0.9	0.0	0.1	.55	0.0	0.0	0.8	0.0	-0.5	0.0
		7	0.0	0.0	-1.0	0.0	-0.9	0.0	0.1	.55	0.0	0.0	0.8	0.0	-0.5	0.0
		8	0.0	0.0	-1.0	0.0	-0.9	0.0	0.1	.55	0.0	0.0	0.8	0.0	-0.5	0.0
		9	0.0	0.0	-1.0	0.0	-0.9	0.0	0.1	.55	0.0	0.0	0.8	0.0	-0.5	0.0
		10	0.0	0.0	-1.0	0.0	-0.9	0.0	0.1	.55	0.0	0.0	0.8	0.0	-0.5	0.0
		11	0.0	0.0	-1.0	0.0	-0.9	0.0	0.1	.55	0.0	0.0	0.8	0.0	-0.5	0.0
		12	0.0	0.0	-1.0	0.0	-0.9	0.0	0.1	.55	0.0	0.0	0.8	0.0	-0.5	0.0
		13	0.0	0.0	-1.0	0.0	-0.9	0.0	0.1	.55	0.0	0.0	0.8	0.0	-0.5	0.0
		14	0.0	0.0	-1.0	0.0	-0.9	0.0	0.1	.55	0.0	0.0	0.8	0.0	-0.5	0.0
		15	0.0	0.0	-1.0	0.0	-0.9	0.0	0.1	.55	0.0	0.0	0.8	0.0	-0.5	0.0
		16	0.0	0.0	-1.0	0.0	-0.9	0.0	0.1	.55	0.0	0.0	0.8	0.0	-0.5	0.0
		17	0.0	0.0	-1.0	0.0	-0.9	0.0	0.1	.55	0.0	0.0	0.8	0.0	-0.5	0.0
		18	0.0	0.0	-0.7	0.0	-0.6	0.0	0.0	.55	0.0	0.0	0.5	0.0	-0.3	0.0
		19	0.0	0.0	-0.7	0.0	-0.6	0.0	0.0	.55	0.0	0.0	0.5	0.0	-0.4	0.0
		20	0.0	0.0	-0.7	0.0	-0.6	0.0	0.0	.55	0.0	0.0	0.5	0.0	-0.3	0.0
		21	0.0	0.0	-0.7	0.0	-0.6	0.0	0.0	.55	0.0	0.0	0.5	0.0	-0.3	0.0
		22	0.0	0.0	-0.7	0.0	-0.6	0.0	0.0	.55	0.0	0.0	0.5	0.0	-0.3	0.0
		23	0.0	0.0	-0.7	0.0	-0.6	0.0	0.0	.55	0.0	0.0	0.6	0.0	-0.4	0.0
		24	0.0	0.0	-0.7	0.0	-0.6	0.0	0.0	.55	0.0	0.0	0.5	0.0	-0.3	0.0
		25	0.0	0.0	-0.7	0.0	-0.6	0.0	0.0	.55	0.0	0.0	0.6	0.0	-0.4	0.0
I (11-12)	2	1	0.0	0.0	-1.2	0.0	-0.5	0.0	0.6	.6	0.0	0.0	0.8	0.0	0.1	0.0
		2	0.0	0.0	-1.1	0.0	-0.5	0.0	0.6	.6	0.0	0.0	0.7	0.0	0.1	0.0
		3	0.0	0.0	-1.1	0.0	-0.5	0.0	0.6	.6	0.0	0.0	0.8	0.0	0.1	0.0
		4	0.0	0.0	-1.1	0.0	-0.5	0.0	0.6	.6	0.0	0.0	0.8	0.0	0.1	0.0
		5	0.0	0.0	-1.1	0.0	-0.5	0.0	0.6	.6	0.0	0.0	0.7	0.0	0.1	0.0
		6	0.0	0.0	-1.1	0.0	-0.5	0.0	0.6	.6	0.0	0.0	0.7	0.0	0.1	0.0
		7	0.0	0.0	-1.1	0.0	-0.5	0.0	0.6	.6	0.0	0.0	0.8	0.0	0.1	0.0
		8	0.0	0.0	-1.1	0.0	-0.5	0.0	0.6	.6	0.0	0.0	0.8	0.0	0.1	0.0
		9	0.0	0.0	-1.1	0.0	-0.5	0.0	0.6	.6	0.0	0.0	0.7	0.0	0.1	0.0
		10	0.0	0.0	-1.1	0.0	-0.5	0.0	0.6	.6	0.0	0.0	0.7	0.0	0.1	0.0
		11	0.0	0.0	-1.1	0.0	-0.4	0.0	0.6	.6	0.0	0.0	0.8	0.0	0.0	0.0
		12	0.0	0.0	-1.1	0.0	-0.5	0.0	0.6	.6	0.0	0.0	0.7	0.0	0.1	0.0
		13	0.0	0.0	-1.1	0.0	-0.4	0.0	0.6	.6	0.0	0.0	0.8	0.0	0.0	0.0
		14	0.0	0.0	-1.1	0.0	-0.5	0.0	0.6	.6	0.0	0.0	0.7	0.0	0.1	0.0
		15	0.0	0.0	-1.1	0.0	-0.4	0.0	0.6	.6	0.0	0.0	0.8	0.0	0.0	0.0
		16	0.0	0.0	-1.1	0.0	-0.5	0.0	0.6	.6	0.0	0.0	0.7	0.0	0.1	0.0
		17	0.0	0.0	-1.1	0.0	-0.4	0.0	0.6	.6	0.0	0.0	0.8	0.0	0.0	0.0
		18	0.0	0.0	-0.7	0.0	-0.3	0.0	0.4	.6	0.0	0.0	0.5	0.0	0.1	0.0

		19	0.0	0.0	-0.7	0.0	-0.3	0.0	0.4	.6	0.0	0.0	0.5	0.0	0.0	0.0
		20	0.0	0.0	-0.7	0.0	-0.3	0.0	0.4	.6	0.0	0.0	0.5	0.0	0.0	0.0
		21	0.0	0.0	-0.7	0.0	-0.3	0.0	0.4	.6	0.0	0.0	0.5	0.0	0.1	0.0
		22	0.0	0.0	-0.8	0.0	-0.4	0.0	0.4	.6	0.0	0.0	0.5	0.0	0.1	0.0
		23	0.0	0.0	-0.7	0.0	-0.3	0.0	0.4	.55	0.0	0.0	0.5	0.0	0.0	0.0
		24	0.0	0.0	-0.8	0.0	-0.4	0.0	0.4	.6	0.0	0.0	0.5	0.0	0.1	0.0
		25	0.0	0.0	-0.7	0.0	-0.3	0.0	0.4	.55	0.0	0.0	0.5	0.0	0.0	0.0
B (2-3)	3	1	0.0	0.0	-0.5	0.0	-0.3	0.0	0.1	1.0	0.0	0.0	-0.1	0.0	0.1	0.0
		2	0.0	0.0	-0.6	0.0	-0.5	0.0	0.1	1.0	0.0	0.0	-0.2	0.0	0.1	0.0
		3	0.0	0.0	-0.3	0.0	-0.1	0.0	0.1	.85	0.0	0.0	0.1	0.0	0.1	0.0
		4	0.0	0.0	-0.1	0.0	0.3	0.0	0.3	.25	0.0	0.0	0.3	0.0	0.1	0.0
		5	0.0	0.0	-0.8	0.0	-0.9	0.0	0.1	1.0	0.0	0.0	-0.4	0.0	0.1	0.0
		6	0.0	0.0	-0.7	0.0	-0.7	0.0	0.1	1.0	0.0	0.0	-0.3	0.0	0.1	0.0
		7	0.0	0.0	-0.2	0.0	0.1	0.0	0.2	.55	0.0	0.0	0.2	0.0	0.1	0.0
		8	0.0	0.0	-0.2	0.0	0.1	0.0	0.2	.6	0.0	0.0	0.2	0.0	0.1	0.0
		9	0.0	0.0	-0.7	0.0	-0.7	0.0	0.1	1.0	0.0	0.0	-0.3	0.0	0.1	0.0
		10	0.0	0.0	-1.2	0.0	-1.6	0.0	0.1	1.0	0.0	0.0	-0.8	0.0	0.1	0.0
		11	0.0	0.0	0.3	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.7	0.0	0.2	0.0
		12	0.0	0.0	-1.3	0.0	-1.7	0.0	0.1	1.0	0.0	0.0	-0.9	0.0	0.1	0.0
		13	0.0	0.0	0.4	0.0	1.1	0.0	1.1	0.0	0.0	0.0	0.8	0.0	0.2	0.0
		14	0.0	0.0	-1.2	0.0	-1.5	0.0	0.1	1.0	0.0	0.0	-0.8	0.0	0.1	0.0
		15	0.0	0.0	0.3	0.0	0.9	0.0	0.9	0.0	0.0	0.0	0.7	0.0	0.2	0.0
		16	0.0	0.0	-1.2	0.0	-1.5	0.0	0.1	1.0	0.0	0.0	-0.8	0.0	0.1	0.0
		17	0.0	0.0	0.3	0.0	0.9	0.0	0.9	0.0	0.0	0.0	0.7	0.0	0.2	0.0
		18	0.0	0.0	-0.2	0.0	0.0	0.0	0.1	.7	0.0	0.0	0.1	0.0	0.1	0.0
		19	0.0	0.0	-0.5	0.0	-0.4	0.0	0.1	1.0	0.0	0.0	-0.2	0.0	0.1	0.0
		20	0.0	0.0	-0.3	0.0	-0.2	0.0	0.1	1.0	0.0	0.0	0.0	0.0	0.1	0.0
		21	0.0	0.0	-0.3	0.0	-0.2	0.0	0.1	1.0	0.0	0.0	0.0	0.0	0.1	0.0
		22	0.0	0.0	-1.2	0.0	-1.5	0.0	0.0	1.0	0.0	0.0	-0.8	0.0	0.0	0.0
		23	0.0	0.0	0.5	0.0	1.1	0.0	1.1	0.0	0.0	0.0	0.8	0.0	0.1	0.0
		24	0.0	0.0	-1.1	0.0	-1.4	0.0	0.0	1.0	0.0	0.0	-0.8	0.0	0.0	0.0
		25	0.0	0.0	0.4	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.7	0.0	0.1	0.0
B (3-4)	3	1	0.0	0.0	-0.1	0.0	0.1	0.0	0.1	.15	0.0	0.0	0.3	0.0	-0.1	0.0
		2	0.0	0.0	-0.2	0.0	0.1	0.0	0.2	.4	0.0	0.0	0.2	0.0	0.1	0.0
		3	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.5	0.0	-0.3	0.0
		4	0.0	0.0	0.3	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.7	0.0	-0.7	0.0
		5	0.0	0.0	-0.4	0.0	0.1	0.0	0.4	1.0	0.0	0.0	0.0	0.0	0.4	0.0
		6	0.0	0.0	-0.3	0.0	0.1	0.0	0.3	.7	0.0	0.0	0.1	0.0	0.2	0.0
		7	0.0	0.0	0.2	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.6	0.0	-0.5	0.0
		8	0.0	0.0	0.2	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.6	0.0	-0.5	0.0
		9	0.0	0.0	-0.3	0.0	0.1	0.0	0.2	.65	0.0	0.0	0.1	0.0	0.2	0.0
		10	0.0	0.0	-0.8	0.0	0.1	0.0	1.1	1.0	0.0	0.0	-0.4	0.0	1.1	0.0
		11	0.0	0.0	0.7	0.0	0.2	0.0	0.2	0.0	0.0	0.0	1.1	0.0	-1.3	0.0
		12	0.0	0.0	-0.9	0.0	0.1	0.0	1.2	1.0	0.0	0.0	-0.5	0.0	1.2	0.0



13	0.0	0.0	0.8	0.0	0.2	0.0	0.2	0.0	0.0	0.0	1.2	0.0	-1.4	0.0
14	0.0	0.0	-0.8	0.0	0.1	0.0	1.0	1.0	0.0	0.0	-0.4	0.0	1.0	0.0
15	0.0	0.0	0.7	0.0	0.2	0.0	0.2	0.0	0.0	0.0	1.1	0.0	-1.3	0.0
16	0.0	0.0	-0.8	0.0	0.1	0.0	1.0	1.0	0.0	0.0	-0.4	0.0	1.0	0.0
17	0.0	0.0	0.7	0.0	0.2	0.0	0.2	0.0	0.0	0.0	1.1	0.0	-1.3	0.0
18	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.4	0.0	-0.3	0.0
19	0.0	0.0	-0.2	0.0	0.1	0.0	0.1	.5	0.0	0.0	0.2	0.0	0.1	0.0
20	0.0	0.0	0.0	0.0	0.1	0.0	0.1	.1	0.0	0.0	0.3	0.0	-0.1	0.0
21	0.0	0.0	0.0	0.0	0.1	0.0	0.1	.05	0.0	0.0	0.3	0.0	-0.1	0.0
22	0.0	0.0	-0.8	0.0	0.0	0.0	1.1	1.0	0.0	0.0	-0.5	0.0	1.1	0.0
23	0.0	0.0	0.8	0.0	0.1	0.0	0.1	0.0	0.0	0.0	1.1	0.0	-1.4	0.0
24	0.0	0.0	-0.8	0.0	0.0	0.0	1.0	1.0	0.0	0.0	-0.5	0.0	1.0	0.0
25	0.0	0.0	0.7	0.0	0.1	0.0	0.1	0.0	0.0	0.0	1.0	0.0	-1.3	0.0

B (4-5)	3	1	0.0	0.0	-0.4	0.0	-0.2	0.0	0.1	1.0	0.0	0.0	0.0	0.0	0.1	0.0	
		2	0.0	0.0	-0.5	0.0	-0.4	0.0	0.1	1.0	0.0	0.0	0.0	-0.1	0.0	0.1	0.0
		3	0.0	0.0	-0.3	0.0	0.0	0.0	0.1	.75	0.0	0.0	0.0	0.1	0.0	0.1	0.0
		4	0.0	0.0	-0.1	0.0	0.3	0.0	0.3	.15	0.0	0.0	0.0	0.3	0.0	0.1	0.0
		5	0.0	0.0	-0.8	0.0	-0.8	0.0	0.1	1.0	0.0	0.0	0.0	-0.3	0.0	0.1	0.0
		6	0.0	0.0	-0.6	0.0	-0.6	0.0	0.1	1.0	0.0	0.0	0.0	-0.2	0.0	0.1	0.0
		7	0.0	0.0	-0.2	0.0	0.1	0.0	0.2	.5	0.0	0.0	0.0	0.2	0.0	0.1	0.0
		8	0.0	0.0	-0.2	0.0	0.1	0.0	0.2	.5	0.0	0.0	0.0	0.2	0.0	0.1	0.0
		9	0.0	0.0	-0.6	0.0	-0.5	0.0	0.1	1.0	0.0	0.0	0.0	-0.2	0.0	0.1	0.0
		10	0.0	0.0	-1.1	0.0	-1.4	0.0	0.1	1.0	0.0	0.0	0.0	-0.7	0.0	0.1	0.0
		11	0.0	0.0	0.3	0.0	0.9	0.0	0.9	0.0	0.0	0.0	0.0	0.7	0.0	0.1	0.0
		12	0.0	0.0	-1.2	0.0	-1.5	0.0	0.1	1.0	0.0	0.0	0.0	-0.8	0.0	0.1	0.0
		13	0.0	0.0	0.4	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.8	0.0	0.1	0.0
		14	0.0	0.0	-1.1	0.0	-1.3	0.0	0.1	1.0	0.0	0.0	0.0	-0.7	0.0	0.1	0.0
		15	0.0	0.0	0.3	0.0	0.9	0.0	0.9	0.0	0.0	0.0	0.0	0.7	0.0	0.1	0.0
		16	0.0	0.0	-1.1	0.0	-1.3	0.0	0.1	1.0	0.0	0.0	0.0	-0.7	0.0	0.1	0.0
		17	0.0	0.0	0.3	0.0	0.9	0.0	0.9	0.0	0.0	0.0	0.0	0.7	0.0	0.1	0.0
		18	0.0	0.0	-0.2	0.0	0.0	0.0	0.1	.6	0.0	0.0	0.0	0.1	0.0	0.1	0.0
		19	0.0	0.0	-0.4	0.0	-0.3	0.0	0.1	1.0	0.0	0.0	0.0	-0.1	0.0	0.1	0.0
		20	0.0	0.0	-0.3	0.0	-0.2	0.0	0.1	1.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
		21	0.0	0.0	-0.3	0.0	-0.2	0.0	0.1	.95	0.0	0.0	0.0	0.0	0.0	0.1	0.0
		22	0.0	0.0	-1.1	0.0	-1.4	0.0	0.1	1.0	0.0	0.0	0.0	-0.7	0.0	0.1	0.0
		23	0.0	0.0	0.4	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.8	0.0	0.1	0.0
		24	0.0	0.0	-1.0	0.0	-1.3	0.0	0.1	1.0	0.0	0.0	0.0	-0.7	0.0	0.1	0.0
		25	0.0	0.0	0.4	0.0	0.9	0.0	0.9	0.0	0.0	0.0	0.0	0.7	0.0	0.1	0.0

B (5-6)	3	1	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.4	0.0	-0.2	0.0
		2	0.0	0.0	-0.1	0.0	0.1	0.0	0.1	.25	0.0	0.0	0.3	0.0	-0.1	0.0
		3	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.5	0.0	-0.4	0.0
		4	0.0	0.0	0.3	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.8	0.0	-0.8	0.0
		5	0.0	0.0	-0.3	0.0	0.1	0.0	0.3	.8	0.0	0.0	0.1	0.0	0.3	0.0
		6	0.0	0.0	-0.2	0.0	0.1	0.0	0.2	.5	0.0	0.0	0.2	0.0	0.1	0.0

7	0.0	0.0	0.2	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.6	0.0	-0.6	0.0
8	0.0	0.0	0.2	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.6	0.0	-0.5	0.0
9	0.0	0.0	-0.2	0.0	0.1	0.0	0.2	.5	0.0	0.0	0.2	0.0	0.1	0.0
10	0.0	0.0	-0.7	0.0	0.1	0.0	0.9	1.0	0.0	0.0	-0.3	0.0	0.9	0.0
11	0.0	0.0	0.7	0.0	0.1	0.0	0.1	0.0	0.0	0.0	1.1	0.0	-1.4	0.0
12	0.0	0.0	-0.8	0.0	0.1	0.0	1.0	1.0	0.0	0.0	-0.4	0.0	1.0	0.0
13	0.0	0.0	0.8	0.0	0.1	0.0	0.1	0.0	0.0	0.0	1.2	0.0	-1.5	0.0
14	0.0	0.0	-0.7	0.0	0.1	0.0	0.9	1.0	0.0	0.0	-0.3	0.0	0.9	0.0
15	0.0	0.0	0.7	0.0	0.1	0.0	0.1	0.0	0.0	0.0	1.1	0.0	-1.3	0.0
16	0.0	0.0	-0.7	0.0	0.1	0.0	0.9	1.0	0.0	0.0	-0.3	0.0	0.9	0.0
17	0.0	0.0	0.7	0.0	0.1	0.0	0.1	0.0	0.0	0.0	1.1	0.0	-1.3	0.0
18	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.4	0.0	-0.4	0.0
19	0.0	0.0	-0.1	0.0	0.1	0.0	0.1	.35	0.0	0.0	0.2	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.3	0.0	-0.2	0.0
21	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.3	0.0	-0.2	0.0
22	0.0	0.0	-0.7	0.0	0.1	0.0	1.0	1.0	0.0	0.0	-0.4	0.0	1.0	0.0
23	0.0	0.0	0.8	0.0	0.1	0.0	0.1	0.0	0.0	0.0	1.1	0.0	-1.4	0.0
24	0.0	0.0	-0.7	0.0	0.1	0.0	0.9	1.0	0.0	0.0	-0.4	0.0	0.9	0.0
25	0.0	0.0	0.7	0.0	0.1	0.0	0.1	0.0	0.0	0.0	1.0	0.0	-1.3	0.0

B (6-7)

3

1	0.0	0.0	-0.4	0.0	-0.2	0.0	0.1	.5	0.0	0.0	0.4	0.0	-0.2	0.0
2	0.0	0.0	-0.5	0.0	-0.4	0.0	0.1	.65	0.0	0.0	0.3	0.0	0.0	0.0
3	0.0	0.0	-0.3	0.0	-0.1	0.0	0.1	.35	0.0	0.0	0.5	0.0	-0.4	0.0
4	0.0	0.0	-0.1	0.0	0.3	0.0	0.3	.1	0.0	0.0	0.7	0.0	-0.8	0.0
5	0.0	0.0	-0.8	0.0	-0.8	0.0	0.4	.95	0.0	0.0	0.1	0.0	0.3	0.0
6	0.0	0.0	-0.6	0.0	-0.6	0.0	0.2	.75	0.0	0.0	0.2	0.0	0.1	0.0
7	0.0	0.0	-0.2	0.0	0.1	0.0	0.2	.25	0.0	0.0	0.6	0.0	-0.5	0.0
8	0.0	0.0	-0.2	0.0	0.1	0.0	0.2	.25	0.0	0.0	0.6	0.0	-0.5	0.0
9	0.0	0.0	-0.6	0.0	-0.5	0.0	0.2	.75	0.0	0.0	0.2	0.0	0.1	0.0
10	0.0	0.0	-1.1	0.0	-1.4	0.0	0.9	1.0	0.0	0.0	-0.3	0.0	0.9	0.0
11	0.0	0.0	0.3	0.0	0.9	0.0	0.9	0.0	0.0	0.0	1.1	0.0	-1.4	0.0
12	0.0	0.0	-1.2	0.0	-1.5	0.0	1.1	1.0	0.0	0.0	-0.4	0.0	1.1	0.0
13	0.0	0.0	0.4	0.0	1.0	0.0	1.0	0.0	0.0	0.0	1.2	0.0	-1.5	0.0
14	0.0	0.0	-1.1	0.0	-1.3	0.0	0.9	1.0	0.0	0.0	-0.3	0.0	0.9	0.0
15	0.0	0.0	0.3	0.0	0.9	0.0	0.9	0.0	0.0	0.0	1.1	0.0	-1.3	0.0
16	0.0	0.0	-1.1	0.0	-1.3	0.0	0.9	1.0	0.0	0.0	-0.3	0.0	0.9	0.0
17	0.0	0.0	0.3	0.0	0.9	0.0	0.9	0.0	0.0	0.0	1.1	0.0	-1.3	0.0
18	0.0	0.0	-0.2	0.0	0.0	0.0	0.1	.3	0.0	0.0	0.4	0.0	-0.3	0.0
19	0.0	0.0	-0.4	0.0	-0.3	0.0	0.1	.7	0.0	0.0	0.2	0.0	0.0	0.0
20	0.0	0.0	-0.3	0.0	-0.2	0.0	0.1	.5	0.0	0.0	0.3	0.0	-0.1	0.0
21	0.0	0.0	-0.3	0.0	-0.2	0.0	0.1	.5	0.0	0.0	0.3	0.0	-0.2	0.0
22	0.0	0.0	-1.1	0.0	-1.4	0.0	1.0	1.0	0.0	0.0	-0.5	0.0	1.0	0.0
23	0.0	0.0	0.4	0.0	1.0	0.0	1.0	0.0	0.0	0.0	1.1	0.0	-1.4	0.0
24	0.0	0.0	-1.0	0.0	-1.3	0.0	1.0	1.0	0.0	0.0	-0.4	0.0	1.0	0.0
25	0.0	0.0	0.4	0.0	0.9	0.0	0.9	0.0	0.0	0.0	1.0	0.0	-1.3	0.0

B (7-8)	3	1	0.0	0.0	-0.4	0.0	-0.2	0.0	0.1	.5	0.0	0.0	0.4	0.0	-0.2	0.0	
		2	0.0	0.0	-0.5	0.0	-0.4	0.0	0.1	.65	0.0	0.0	0.3	0.0	0.0	0.0	0.0
		3	0.0	0.0	-0.3	0.0	0.0	0.0	0.1	.35	0.0	0.0	0.5	0.0	0.0	-0.4	0.0
		4	0.0	0.0	-0.1	0.0	0.3	0.0	0.3	.1	0.0	0.0	0.7	0.0	0.0	-0.7	0.0
		5	0.0	0.0	-0.8	0.0	-0.8	0.0	0.3	.9	0.0	0.0	0.1	0.0	0.0	0.3	0.0
		6	0.0	0.0	-0.7	0.0	-0.6	0.0	0.2	.8	0.0	0.0	0.2	0.0	0.0	0.2	0.0
		7	0.0	0.0	-0.2	0.0	0.1	0.0	0.2	.2	0.0	0.0	0.6	0.0	0.0	-0.6	0.0
		8	0.0	0.0	-0.2	0.0	0.1	0.0	0.2	.3	0.0	0.0	0.6	0.0	0.0	-0.5	0.0
		9	0.0	0.0	-0.6	0.0	-0.5	0.0	0.2	.75	0.0	0.0	0.2	0.0	0.0	0.1	0.0
		10	0.0	0.0	-1.2	0.0	-1.4	0.0	1.0	1.0	0.0	0.0	-0.3	0.0	0.0	1.0	0.0
		11	0.0	0.0	0.3	0.0	0.9	0.0	0.9	0.0	0.0	0.0	1.1	0.0	0.0	-1.4	0.0
		12	0.0	0.0	-1.2	0.0	-1.5	0.0	1.1	1.0	0.0	0.0	-0.4	0.0	0.0	1.1	0.0
		13	0.0	0.0	0.4	0.0	1.0	0.0	1.0	0.0	0.0	0.0	1.2	0.0	0.0	-1.5	0.0
		14	0.0	0.0	-1.1	0.0	-1.4	0.0	0.9	1.0	0.0	0.0	-0.3	0.0	0.0	0.9	0.0
		15	0.0	0.0	0.3	0.0	0.9	0.0	0.9	0.0	0.0	0.0	1.1	0.0	0.0	-1.3	0.0
		16	0.0	0.0	-1.1	0.0	-1.3	0.0	0.9	1.0	0.0	0.0	-0.3	0.0	0.0	0.9	0.0
		17	0.0	0.0	0.3	0.0	0.9	0.0	0.9	0.0	0.0	0.0	1.1	0.0	0.0	-1.3	0.0
		18	0.0	0.0	-0.2	0.0	0.0	0.0	0.1	.35	0.0	0.0	0.4	0.0	0.0	-0.3	0.0
		19	0.0	0.0	-0.4	0.0	-0.3	0.0	0.1	.7	0.0	0.0	0.2	0.0	0.0	0.0	0.0
		20	0.0	0.0	-0.3	0.0	-0.2	0.0	0.1	.55	0.0	0.0	0.3	0.0	0.0	-0.1	0.0
		21	0.0	0.0	-0.3	0.0	-0.1	0.0	0.1	.45	0.0	0.0	0.3	0.0	0.0	-0.2	0.0
		22	0.0	0.0	-1.1	0.0	-1.4	0.0	1.1	1.0	0.0	0.0	-0.5	0.0	0.0	1.1	0.0
		23	0.0	0.0	0.5	0.0	1.0	0.0	1.0	0.0	0.0	0.0	1.1	0.0	0.0	-1.4	0.0
		24	0.0	0.0	-1.0	0.0	-1.3	0.0	1.0	1.0	0.0	0.0	-0.4	0.0	0.0	1.0	0.0
		25	0.0	0.0	0.4	0.0	1.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0	-1.3	0.0
B (8-9)	3	1	0.0	0.0	-0.4	0.0	-0.2	0.0	0.1	.5	0.0	0.0	0.4	0.0	-0.2	0.0	
		2	0.0	0.0	-0.5	0.0	-0.4	0.0	0.1	.65	0.0	0.0	0.3	0.0	0.0	0.0	0.0
		3	0.0	0.0	-0.3	0.0	0.0	0.0	0.1	.35	0.0	0.0	0.5	0.0	0.0	-0.4	0.0
		4	0.0	0.0	-0.1	0.0	0.3	0.0	0.3	.05	0.0	0.0	0.8	0.0	0.0	-0.8	0.0
		5	0.0	0.0	-0.8	0.0	-0.8	0.0	0.3	.95	0.0	0.0	0.1	0.0	0.0	0.3	0.0
		6	0.0	0.0	-0.7	0.0	-0.6	0.0	0.2	.8	0.0	0.0	0.2	0.0	0.0	0.2	0.0
		7	0.0	0.0	-0.2	0.0	0.1	0.0	0.2	.2	0.0	0.0	0.6	0.0	0.0	-0.6	0.0
		8	0.0	0.0	-0.2	0.0	0.1	0.0	0.2	.25	0.0	0.0	0.6	0.0	0.0	-0.5	0.0
		9	0.0	0.0	-0.6	0.0	-0.5	0.0	0.2	.75	0.0	0.0	0.2	0.0	0.0	0.1	0.0
		10	0.0	0.0	-1.2	0.0	-1.4	0.0	1.0	1.0	0.0	0.0	-0.3	0.0	0.0	1.0	0.0
		11	0.0	0.0	0.3	0.0	1.0	0.0	1.0	0.0	0.0	0.0	1.2	0.0	0.0	-1.4	0.0
		12	0.0	0.0	-1.2	0.0	-1.5	0.0	1.1	1.0	0.0	0.0	-0.4	0.0	0.0	1.1	0.0
		13	0.0	0.0	0.4	0.0	1.1	0.0	1.1	0.0	0.0	0.0	1.2	0.0	0.0	-1.5	0.0
		14	0.0	0.0	-1.2	0.0	-1.4	0.0	1.0	1.0	0.0	0.0	-0.3	0.0	0.0	1.0	0.0
		15	0.0	0.0	0.3	0.0	0.9	0.0	0.9	0.0	0.0	0.0	1.2	0.0	0.0	-1.4	0.0
		16	0.0	0.0	-1.1	0.0	-1.4	0.0	0.9	1.0	0.0	0.0	-0.3	0.0	0.0	0.9	0.0
		17	0.0	0.0	0.3	0.0	0.9	0.0	0.9	0.0	0.0	0.0	1.1	0.0	0.0	-1.4	0.0
		18	0.0	0.0	-0.2	0.0	0.0	0.0	0.1	.3	0.0	0.0	0.4	0.0	0.0	-0.4	0.0
		19	0.0	0.0	-0.4	0.0	-0.3	0.0	0.1	.7	0.0	0.0	0.2	0.0	0.0	0.0	0.0
		20	0.0	0.0	-0.3	0.0	-0.2	0.0	0.1	.55	0.0	0.0	0.3	0.0	0.0	-0.1	0.0

		21	0.0	0.0	-0.3	0.0	-0.1	0.0	0.1	.45	0.0	0.0	0.3	0.0	-0.2	0.0
		22	0.0	0.0	-1.1	0.0	-1.4	0.0	1.1	1.0	0.0	0.0	-0.5	0.0	1.1	0.0
		23	0.0	0.0	0.5	0.0	1.1	0.0	1.1	0.0	0.0	0.0	1.1	0.0	-1.4	0.0
		24	0.0	0.0	-1.0	0.0	-1.3	0.0	1.0	1.0	0.0	0.0	-0.4	0.0	1.0	0.0
		25	0.0	0.0	0.4	0.0	1.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	-1.4	0.0
B (9-10)	3	1	0.0	0.0	-0.5	0.0	-0.4	0.0	0.2	.5	0.0	0.0	0.5	0.0	-0.4	0.0
		2	0.0	0.0	-0.6	0.0	-0.5	0.0	0.2	.55	0.0	0.0	0.5	0.0	-0.2	0.0
		3	0.0	0.0	-0.5	0.0	-0.2	0.0	0.2	.45	0.0	0.0	0.6	0.0	-0.5	0.0
		4	0.0	0.0	-0.3	0.0	0.1	0.0	0.3	.3	0.0	0.0	0.7	0.0	-0.8	0.0
		5	0.0	0.0	-0.8	0.0	-0.8	0.0	0.3	.7	0.0	0.0	0.3	0.0	0.1	0.0
		6	0.0	0.0	-0.7	0.0	-0.7	0.0	0.2	.65	0.0	0.0	0.4	0.0	-0.1	0.0
		7	0.0	0.0	-0.4	0.0	-0.1	0.0	0.2	.35	0.0	0.0	0.7	0.0	-0.7	0.0
		8	0.0	0.0	-0.4	0.0	-0.1	0.0	0.2	.4	0.0	0.0	0.7	0.0	-0.6	0.0
		9	0.0	0.0	-0.7	0.0	-0.6	0.0	0.2	.6	0.0	0.0	0.4	0.0	-0.1	0.0
		10	0.0	0.0	-1.0	0.0	-1.3	0.0	0.6	.9	0.0	0.0	0.1	0.0	0.6	0.0
		11	0.0	0.0	-0.1	0.0	0.6	0.0	0.6	.1	0.0	0.0	1.0	0.0	-1.3	0.0
		12	0.0	0.0	-1.0	0.0	-1.4	0.0	0.7	.95	0.0	0.0	0.1	0.0	0.7	0.0
		13	0.0	0.0	-0.1	0.0	0.6	0.0	0.6	.05	0.0	0.0	1.0	0.0	-1.4	0.0
		14	0.0	0.0	-1.0	0.0	-1.3	0.0	0.6	.9	0.0	0.0	0.1	0.0	0.6	0.0
		15	0.0	0.0	-0.1	0.0	0.5	0.0	0.6	.1	0.0	0.0	1.0	0.0	-1.3	0.0
		16	0.0	0.0	-1.0	0.0	-1.3	0.0	0.6	.9	0.0	0.0	0.1	0.0	0.5	0.0
		17	0.0	0.0	-0.1	0.0	0.5	0.0	0.6	.1	0.0	0.0	1.0	0.0	-1.3	0.0
		18	0.0	0.0	-0.3	0.0	-0.1	0.0	0.2	.4	0.0	0.0	0.5	0.0	-0.4	0.0
		19	0.0	0.0	-0.5	0.0	-0.4	0.0	0.2	.6	0.0	0.0	0.3	0.0	-0.1	0.0
		20	0.0	0.0	-0.4	0.0	-0.3	0.0	0.2	.5	0.0	0.0	0.4	0.0	-0.2	0.0
		21	0.0	0.0	-0.4	0.0	-0.3	0.0	0.2	.5	0.0	0.0	0.4	0.0	-0.3	0.0
		22	0.0	0.0	-0.9	0.0	-1.3	0.0	0.7	1.0	0.0	0.0	-0.1	0.0	0.7	0.0
		23	0.0	0.0	0.1	0.0	0.7	0.0	0.7	0.0	0.0	0.0	0.9	0.0	-1.3	0.0
		24	0.0	0.0	-0.8	0.0	-1.2	0.0	0.6	1.0	0.0	0.0	0.0	0.0	0.6	0.0
		25	0.0	0.0	0.0	0.0	0.6	0.0	0.6	0.0	0.0	0.0	0.8	0.0	-1.2	0.0
B (10-11)	3	1	0.0	0.0	-0.4	0.0	-0.3	0.0	0.1	.55	0.0	0.0	0.4	0.0	-0.2	0.0
		2	0.0	0.0	-0.6	0.0	-0.5	0.0	0.1	.7	0.0	0.0	0.3	0.0	0.0	0.0
		3	0.0	0.0	-0.3	0.0	0.0	0.0	0.1	.35	0.0	0.0	0.5	0.0	-0.4	0.0
		4	0.0	0.0	-0.1	0.0	0.3	0.0	0.3	.1	0.0	0.0	0.7	0.0	-0.7	0.0
		5	0.0	0.0	-0.8	0.0	-0.8	0.0	0.4	.95	0.0	0.0	0.0	0.0	0.4	0.0
		6	0.0	0.0	-0.7	0.0	-0.7	0.0	0.2	.85	0.0	0.0	0.1	0.0	0.2	0.0
		7	0.0	0.0	-0.2	0.0	0.1	0.0	0.2	.2	0.0	0.0	0.6	0.0	-0.6	0.0
		8	0.0	0.0	-0.2	0.0	0.1	0.0	0.2	.3	0.0	0.0	0.6	0.0	-0.5	0.0
		9	0.0	0.0	-0.6	0.0	-0.6	0.0	0.2	.75	0.0	0.0	0.2	0.0	0.1	0.0
		10	0.0	0.0	-1.2	0.0	-1.5	0.0	1.0	1.0	0.0	0.0	-0.4	0.0	1.0	0.0
		11	0.0	0.0	0.3	0.0	1.0	0.0	1.0	0.0	0.0	0.0	1.2	0.0	-1.4	0.0
		12	0.0	0.0	-1.3	0.0	-1.6	0.0	1.1	1.0	0.0	0.0	-0.4	0.0	1.1	0.0
		13	0.0	0.0	0.4	0.0	1.1	0.0	1.1	0.0	0.0	0.0	1.2	0.0	-1.5	0.0
		14	0.0	0.0	-1.2	0.0	-1.5	0.0	1.0	1.0	0.0	0.0	-0.4	0.0	1.0	0.0

		15	0.0	0.0	0.3	0.0	1.0	0.0	1.0	0.0	0.0	0.0	1.2	0.0	-1.4	0.0
		16	0.0	0.0	-1.2	0.0	-1.4	0.0	1.0	1.0	0.0	0.0	-0.4	0.0	1.0	0.0
		17	0.0	0.0	0.3	0.0	0.9	0.0	0.9	0.0	0.0	0.0	1.1	0.0	-1.4	0.0
		18	0.0	0.0	-0.2	0.0	0.0	0.0	0.1	.35	0.0	0.0	0.4	0.0	-0.3	0.0
		19	0.0	0.0	-0.4	0.0	-0.4	0.0	0.1	.7	0.0	0.0	0.2	0.0	0.0	0.0
		20	0.0	0.0	-0.3	0.0	-0.2	0.0	0.1	.55	0.0	0.0	0.3	0.0	-0.1	0.0
		21	0.0	0.0	-0.3	0.0	-0.1	0.0	0.1	.5	0.0	0.0	0.3	0.0	-0.2	0.0
		22	0.0	0.0	-1.1	0.0	-1.5	0.0	1.1	1.0	0.0	0.0	-0.5	0.0	1.1	0.0
		23	0.0	0.0	0.5	0.0	1.1	0.0	1.1	0.0	0.0	0.0	1.1	0.0	-1.4	0.0
		24	0.0	0.0	-1.1	0.0	-1.4	0.0	1.0	1.0	0.0	0.0	-0.5	0.0	1.0	0.0
		25	0.0	0.0	0.4	0.0	1.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	-1.3	0.0
B (11-12)	3	1	0.0	0.0	-0.3	0.1	-0.1	0.0	0.0	.3	0.0	0.0	0.6	0.1	-0.6	0.0
		2	0.0	0.0	-0.4	0.0	-0.3	0.0	0.0	.5	0.0	0.0	0.4	0.0	-0.3	0.0
		3	0.0	0.0	-0.2	0.1	0.1	0.0	0.1	.2	0.0	0.0	0.7	0.1	-0.7	0.0
		4	0.0	0.0	0.1	0.0	0.4	0.0	0.4	0.0	0.0	0.0	0.9	0.0	-1.1	0.0
		5	0.0	0.0	-0.6	0.1	-0.7	0.0	0.1	.75	0.0	0.0	0.2	0.1	0.0	0.0
		6	0.0	0.0	-0.5	0.0	-0.5	0.0	0.0	.65	0.0	0.0	0.3	0.0	-0.1	0.0
		7	0.0	0.0	0.0	0.1	0.3	0.0	0.3	.05	0.0	0.0	0.8	0.1	-0.9	0.0
		8	0.0	0.0	-0.1	0.0	0.2	0.0	0.2	.1	0.0	0.0	0.7	0.0	-0.8	0.0
		9	0.0	0.0	-0.5	0.1	-0.4	0.0	0.0	.6	0.0	0.0	0.3	0.1	-0.2	0.0
		10	0.0	0.0	-1.0	0.0	-1.3	0.0	0.7	1.0	0.0	0.0	-0.2	0.0	0.7	0.0
		11	0.0	0.0	0.5	0.0	1.1	0.0	1.1	0.0	0.0	0.0	1.3	0.0	-1.7	0.0
		12	0.0	0.0	-1.1	0.1	-1.4	0.0	0.8	1.0	0.0	0.0	-0.3	0.1	0.8	0.0
		13	0.0	0.0	0.5	0.0	1.2	0.0	1.2	0.0	0.0	0.0	1.4	0.0	-1.8	0.0
		14	0.0	0.0	-1.0	0.0	-1.3	0.0	0.7	1.0	0.0	0.0	-0.2	0.0	0.7	0.0
		15	0.0	0.0	0.5	0.0	1.1	0.0	1.1	0.0	0.0	0.0	1.3	0.0	-1.7	0.0
		16	0.0	0.0	-1.0	0.1	-1.3	0.0	0.6	1.0	0.0	0.0	-0.2	0.1	0.6	0.0
		17	0.0	0.0	0.4	0.0	1.0	0.0	1.0	0.0	0.0	0.0	1.3	0.0	-1.7	0.0
		18	0.0	0.0	-0.1	0.0	0.1	0.0	0.1	.2	0.0	0.0	0.5	0.0	-0.5	0.0
		19	0.0	0.0	-0.3	0.0	-0.3	0.0	0.0	.55	0.0	0.0	0.3	0.0	-0.2	0.0
		20	0.0	0.0	-0.3	0.0	-0.1	0.0	0.0	.45	0.0	0.0	0.4	0.0	-0.3	0.0
		21	0.0	0.0	-0.2	0.0	-0.1	0.0	0.0	.35	0.0	0.0	0.4	0.0	-0.4	0.0
		22	0.0	0.0	-1.0	0.0	-1.4	0.0	0.9	1.0	0.0	0.0	-0.4	0.0	0.9	0.0
		23	0.0	0.0	0.5	0.0	1.1	0.0	1.1	0.0	0.0	0.0	1.2	0.0	-1.6	0.0
		24	0.0	0.0	-1.0	0.0	-1.3	0.0	0.8	1.0	0.0	0.0	-0.4	0.0	0.8	0.0
		25	0.0	0.0	0.5	0.0	1.1	0.0	1.1	0.0	0.0	0.0	1.1	0.0	-1.5	0.0
B (12-13)	3	1	0.0	0.0	-2.8	0.3	-1.7	0.0	2.6	1.0	0.0	0.0	-2.4	0.3	2.6	0.0
		2	0.0	0.0	-2.7	0.2	-1.7	0.0	2.3	1.0	0.0	0.0	-2.2	0.2	2.3	0.0
		3	0.0	0.0	-2.3	0.3	-1.3	0.0	2.2	1.0	0.0	0.0	-1.9	0.3	2.2	0.0
		4	0.0	0.0	-2.1	0.2	-1.0	0.0	2.2	1.0	0.0	0.0	-1.7	0.2	2.2	0.0
		5	0.0	0.0	-2.9	0.3	-2.1	0.0	2.3	1.0	0.0	0.0	-2.4	0.3	2.3	0.0
		6	0.0	0.0	-2.8	0.2	-1.9	0.0	2.3	1.0	0.0	0.0	-2.4	0.2	2.3	0.0
		7	0.0	0.0	-2.2	0.3	-1.1	0.0	2.2	1.0	0.0	0.0	-1.8	0.3	2.2	0.0
		8	0.0	0.0	-2.3	0.2	-1.2	0.0	2.2	1.0	0.0	0.0	-1.9	0.2	2.2	0.0

		9	0.0	0.0	-2.7	0.3	-1.8	0.0	2.3	1.0	0.0	0.0	-2.3	0.3	2.3	0.0
		10	0.0	0.0	-3.4	0.2	-2.8	0.0	2.4	1.0	0.0	0.0	-2.9	0.2	2.4	0.0
		11	0.0	0.0	-1.6	0.2	-0.2	0.0	2.1	1.0	0.0	0.0	-1.2	0.2	2.1	0.0
		12	0.0	0.0	-3.4	0.3	-2.9	0.0	2.4	1.0	0.0	0.0	-3.0	0.3	2.4	0.0
		13	0.0	0.0	-1.6	0.2	-0.1	0.0	2.1	1.0	0.0	0.0	-1.2	0.2	2.1	0.0
		14	0.0	0.0	-3.4	0.2	-2.8	0.0	2.4	1.0	0.0	0.0	-2.9	0.2	2.4	0.0
		15	0.0	0.0	-1.7	0.3	-0.3	0.0	2.1	1.0	0.0	0.0	-1.2	0.3	2.1	0.0
		16	0.0	0.0	-3.3	0.2	-2.7	0.0	2.4	1.0	0.0	0.0	-2.9	0.2	2.4	0.0
		17	0.0	0.0	-1.7	0.2	-0.3	0.0	2.1	1.0	0.0	0.0	-1.3	0.2	2.1	0.0
		18	0.0	0.0	-1.4	0.1	-0.7	0.0	1.3	1.0	0.0	0.0	-1.1	0.1	1.3	0.0
		19	0.0	0.0	-1.6	0.2	-1.1	0.0	1.3	1.0	0.0	0.0	-1.3	0.2	1.3	0.0
		20	0.0	0.0	-1.5	0.1	-1.0	0.0	1.3	1.0	0.0	0.0	-1.2	0.1	1.3	0.0
		21	0.0	0.0	-1.4	0.2	-0.8	0.0	1.3	1.0	0.0	0.0	-1.1	0.2	1.3	0.0
		22	0.0	0.0	-2.4	0.1	-2.2	0.0	1.4	1.0	0.0	0.0	-2.1	0.1	1.4	0.0
		23	0.0	0.0	-0.6	0.1	0.4	0.0	1.2	1.0	0.0	0.0	-0.3	0.1	1.2	0.0
		24	0.0	0.0	-2.3	0.1	-2.1	0.0	1.4	1.0	0.0	0.0	-2.0	0.1	1.4	0.0
		25	0.0	0.0	-0.7	0.1	0.3	0.0	1.2	1.0	0.0	0.0	-0.3	0.1	1.2	0.0
B (13-14)	3	1	0.0	0.0	4.6	-0.6	2.4	0.0	2.4	0.0	0.0	0.0	4.9	-0.6	-3.3	0.0
		2	0.0	0.0	3.8	-0.5	2.2	0.0	2.2	0.0	0.0	0.0	4.1	-0.5	-2.7	0.0
		3	0.0	0.0	4.2	-0.6	2.1	0.0	2.1	0.0	0.0	0.0	4.5	-0.6	-3.2	0.0
		4	0.0	0.0	4.3	-0.5	1.9	0.0	1.9	0.0	0.0	0.0	4.7	-0.5	-3.5	0.0
		5	0.0	0.0	3.7	-0.6	2.3	0.0	2.3	0.0	0.0	0.0	4.0	-0.6	-2.3	0.0
		6	0.0	0.0	3.7	-0.5	2.2	0.0	2.2	0.0	0.0	0.0	4.0	-0.5	-2.4	0.0
		7	0.0	0.0	4.3	-0.6	2.0	0.0	2.0	0.0	0.0	0.0	4.6	-0.6	-3.4	0.0
		8	0.0	0.0	4.2	-0.5	2.0	0.0	2.0	0.0	0.0	0.0	4.5	-0.5	-3.3	0.0
		9	0.0	0.0	3.8	-0.6	2.3	0.0	2.3	0.0	0.0	0.0	4.1	-0.6	-2.6	0.0
		10	0.0	0.0	3.1	-0.5	2.5	0.0	2.5	0.0	0.0	0.0	3.5	-0.5	-1.5	0.0
		11	0.0	0.0	4.8	-0.6	1.8	0.0	1.8	0.0	0.0	0.0	5.2	-0.6	-4.3	0.0
		12	0.0	0.0	3.1	-0.6	2.6	0.0	2.6	0.0	0.0	0.0	3.4	-0.6	-1.4	0.0
		13	0.0	0.0	4.9	-0.5	1.7	0.0	1.7	0.0	0.0	0.0	5.2	-0.5	-4.4	0.0
		14	0.0	0.0	3.1	-0.5	2.5	0.0	2.5	0.0	0.0	0.0	3.5	-0.5	-1.5	0.0
		15	0.0	0.0	4.8	-0.6	1.8	0.0	1.8	0.0	0.0	0.0	5.2	-0.6	-4.3	0.0
		16	0.0	0.0	3.2	-0.6	2.5	0.0	2.5	0.0	0.0	0.0	3.5	-0.6	-1.6	0.0
		17	0.0	0.0	4.8	-0.5	1.8	0.0	1.8	0.0	0.0	0.0	5.1	-0.5	-4.3	0.0
		18	0.0	0.0	2.3	-0.2	1.1	0.0	1.1	0.0	0.0	0.0	2.6	-0.2	-1.9	0.0
		19	0.0	0.0	2.2	-0.4	1.3	0.0	1.3	0.0	0.0	0.0	2.4	-0.4	-1.5	0.0
		20	0.0	0.0	2.2	-0.3	1.2	0.0	1.2	0.0	0.0	0.0	2.4	-0.3	-1.6	0.0
		21	0.0	0.0	2.3	-0.4	1.2	0.0	1.2	0.0	0.0	0.0	2.6	-0.4	-1.7	0.0
		22	0.0	0.0	1.4	-0.3	1.6	0.0	1.6	0.0	0.0	0.0	1.6	-0.3	-0.2	0.0
		23	0.0	0.0	3.1	-0.3	0.8	0.0	0.8	0.0	0.0	0.0	3.4	-0.3	-3.1	0.0
		24	0.0	0.0	1.4	-0.3	1.6	0.0	1.6	0.0	0.0	0.0	1.7	-0.3	-0.3	0.0
		25	0.0	0.0	3.1	-0.3	0.9	0.0	0.9	0.0	0.0	0.0	3.3	-0.3	-3.1	0.0
B (14-15)	3	1	0.0	0.0	-3.6	0.5	-3.6	0.0	0.0	0.0	0.0	0.0	-3.5	0.5	0.0	0.0
		2	0.0	0.0	-3.1	0.4	-3.1	0.0	0.0	0.0	0.0	0.0	-3.0	0.4	0.0	0.0

3	0.0	0.0	-3.2	0.5	-3.1	0.0	0.0	0.0	0.0	0.0	-3.1	0.5	0.0	0.0
4	0.0	0.0	-3.1	0.4	-3.1	0.0	0.0	0.0	0.0	0.0	-3.0	0.4	0.0	0.0
5	0.0	0.0	-3.2	0.5	-3.1	0.0	0.0	0.0	0.0	0.0	-3.1	0.5	0.0	0.0
6	0.0	0.0	-3.1	0.4	-3.1	0.0	0.0	0.0	0.0	0.0	-3.0	0.4	0.0	0.0
7	0.0	0.0	-3.2	0.5	-3.1	0.0	0.0	0.0	0.0	0.0	-3.1	0.5	0.0	0.0
8	0.0	0.0	-3.1	0.4	-3.1	0.0	0.0	0.0	0.0	0.0	-3.0	0.4	0.0	0.0
9	0.0	0.0	-3.2	0.5	-3.1	0.0	0.0	0.0	0.0	0.0	-3.1	0.5	0.0	0.0
10	0.0	0.0	-3.2	0.4	-3.1	0.0	0.0	0.0	0.0	0.0	-3.0	0.4	0.0	0.0
11	0.0	0.0	-3.2	0.5	-3.1	0.0	0.0	0.0	0.0	0.0	-3.1	0.5	0.0	0.0
12	0.0	0.0	-3.2	0.5	-3.1	0.0	0.0	0.0	0.0	0.0	-3.1	0.5	0.0	0.0
13	0.0	0.0	-3.2	0.4	-3.1	0.0	0.0	0.0	0.0	0.0	-3.0	0.4	0.0	0.0
14	0.0	0.0	-3.2	0.4	-3.1	0.0	0.0	0.0	0.0	0.0	-3.0	0.4	0.0	0.0
15	0.0	0.0	-3.2	0.5	-3.1	0.0	0.0	0.0	0.0	0.0	-3.1	0.5	0.0	0.0
16	0.0	0.0	-3.2	0.5	-3.1	0.0	0.0	0.0	0.0	0.0	-3.1	0.5	0.0	0.0
17	0.0	0.0	-3.2	0.4	-3.1	0.0	0.0	0.0	0.0	0.0	-3.1	0.4	0.0	0.0
18	0.0	0.0	-1.8	0.2	-1.7	0.0	0.0	0.0	0.0	0.0	-1.7	0.2	0.0	0.0
19	0.0	0.0	-1.8	0.3	-1.8	0.0	0.0	0.0	0.0	0.0	-1.7	0.3	0.0	0.0
20	0.0	0.0	-1.8	0.2	-1.7	0.0	0.0	0.0	0.0	0.0	-1.7	0.2	0.0	0.0
21	0.0	0.0	-1.8	0.3	-1.8	0.0	0.0	0.0	0.0	0.0	-1.7	0.3	0.0	0.0
22	0.0	0.0	-1.8	0.3	-1.7	0.0	0.0	0.0	0.0	0.0	-1.7	0.3	0.0	0.0
23	0.0	0.0	-1.8	0.2	-1.7	0.0	0.0	0.0	0.0	0.0	-1.7	0.2	0.0	0.0
24	0.0	0.0	-1.8	0.2	-1.7	0.0	0.0	0.0	0.0	0.0	-1.7	0.2	0.0	0.0
25	0.0	0.0	-1.8	0.3	-1.7	0.0	0.0	0.0	0.0	0.0	-1.7	0.3	0.0	0.0

C (7-8)

3

1	0.0	0.0	-0.2	0.0	-0.1	0.0	0.1	.55	0.0	0.0	0.2	0.0	0.0	0.0
2	0.0	0.0	-0.2	0.0	-0.1	0.0	0.2	.65	0.0	0.0	0.1	0.0	0.1	0.0
3	0.0	0.0	-0.1	0.0	0.0	0.0	0.1	.4	0.0	0.0	0.2	0.0	-0.1	0.0
4	0.0	0.0	-0.2	0.0	-0.1	0.0	0.2	.65	0.0	0.0	0.1	0.0	0.1	0.0
5	0.0	0.0	-0.2	0.0	0.0	0.0	0.1	.45	0.0	0.0	0.2	0.0	-0.1	0.0
6	0.0	0.0	-0.2	0.0	-0.1	0.0	0.2	.7	0.0	0.0	0.1	0.0	0.1	0.0
7	0.0	0.0	-0.1	0.0	0.0	0.0	0.1	.4	0.0	0.0	0.2	0.0	-0.1	0.0
8	0.0	0.0	-0.2	0.0	-0.1	0.0	0.2	.65	0.0	0.0	0.1	0.0	0.1	0.0
9	0.0	0.0	-0.1	0.0	0.0	0.0	0.1	.45	0.0	0.0	0.2	0.0	-0.1	0.0
10	0.0	0.0	-0.2	0.0	-0.1	0.0	0.1	.6	0.0	0.0	0.1	0.0	0.0	0.0
11	0.0	0.0	-0.2	0.0	0.0	0.0	0.1	.45	0.0	0.0	0.2	0.0	0.0	0.0
12	0.0	0.0	-0.2	0.0	-0.1	0.0	0.1	.55	0.0	0.0	0.1	0.0	0.0	0.0
13	0.0	0.0	-0.2	0.0	0.0	0.0	0.1	.5	0.0	0.0	0.2	0.0	0.0	0.0
14	0.0	0.0	-0.2	0.0	-0.1	0.0	0.1	.6	0.0	0.0	0.1	0.0	0.0	0.0
15	0.0	0.0	-0.2	0.0	0.0	0.0	0.1	.45	0.0	0.0	0.2	0.0	0.0	0.0
16	0.0	0.0	-0.2	0.0	-0.1	0.0	0.1	.55	0.0	0.0	0.2	0.0	0.0	0.0
17	0.0	0.0	-0.2	0.0	0.0	0.0	0.1	.55	0.0	0.0	0.2	0.0	0.0	0.0
18	0.0	0.0	-0.2	0.0	-0.1	0.0	0.1	.65	0.0	0.0	0.1	0.0	0.1	0.0
19	0.0	0.0	-0.1	0.0	0.0	0.0	0.1	.35	0.0	0.0	0.2	0.0	-0.1	0.0
20	0.0	0.0	-0.2	0.0	-0.1	0.0	0.1	.7	0.0	0.0	0.1	0.0	0.1	0.0
21	0.0	0.0	-0.1	0.0	0.0	0.0	0.1	.35	0.0	0.0	0.2	0.0	-0.1	0.0
22	0.0	0.0	-0.1	0.0	-0.1	0.0	0.1	.6	0.0	0.0	0.1	0.0	0.0	0.0

		23	0.0	0.0	-0.1	0.0	0.0	0.0	0.1	.45	0.0	0.0	0.1	0.0	0.0	0.0
		24	0.0	0.0	-0.1	0.0	-0.1	0.0	0.1	.55	0.0	0.0	0.1	0.0	0.0	0.0
		25	0.0	0.0	-0.1	0.0	0.0	0.0	0.1	.45	0.0	0.0	0.1	0.0	0.0	0.0
C (8-9)	3	1	0.0	0.0	-0.1	0.0	0.0	0.0	0.1	.4	0.0	0.0	0.2	0.0	-0.1	0.0
		2	0.0	0.0	-0.1	0.0	0.1	0.0	0.1	.35	0.0	0.0	0.2	0.0	-0.1	0.0
		3	0.0	0.0	-0.2	0.0	-0.1	0.0	0.0	.5	0.0	0.0	0.2	0.0	-0.1	0.0
		4	0.0	0.0	-0.1	0.0	0.1	0.0	0.1	.35	0.0	0.0	0.2	0.0	-0.1	0.0
		5	0.0	0.0	-0.2	0.0	-0.1	0.0	0.0	.5	0.0	0.0	0.2	0.0	-0.1	0.0
		6	0.0	0.0	-0.1	0.0	0.1	0.0	0.1	.35	0.0	0.0	0.2	0.0	-0.1	0.0
		7	0.0	0.0	-0.2	0.0	-0.1	0.0	0.0	.5	0.0	0.0	0.2	0.0	-0.1	0.0
		8	0.0	0.0	-0.1	0.0	0.1	0.0	0.1	.35	0.0	0.0	0.2	0.0	-0.1	0.0
		9	0.0	0.0	-0.2	0.0	-0.1	0.0	0.0	.5	0.0	0.0	0.2	0.0	-0.1	0.0
		10	0.0	0.0	-0.1	0.0	0.0	0.0	0.1	.4	0.0	0.0	0.2	0.0	-0.1	0.0
		11	0.0	0.0	-0.1	0.0	0.0	0.0	0.1	.45	0.0	0.0	0.2	0.0	-0.1	0.0
		12	0.0	0.0	-0.2	0.0	0.0	0.0	0.1	.45	0.0	0.0	0.2	0.0	-0.1	0.0
		13	0.0	0.0	-0.1	0.0	0.0	0.0	0.1	.4	0.0	0.0	0.2	0.0	-0.1	0.0
		14	0.0	0.0	-0.1	0.0	0.0	0.0	0.1	.4	0.0	0.0	0.2	0.0	-0.1	0.0
		15	0.0	0.0	-0.1	0.0	0.0	0.0	0.1	.45	0.0	0.0	0.2	0.0	-0.1	0.0
		16	0.0	0.0	-0.2	0.0	-0.1	0.0	0.1	.45	0.0	0.0	0.2	0.0	-0.1	0.0
		17	0.0	0.0	-0.1	0.0	0.0	0.0	0.1	.4	0.0	0.0	0.2	0.0	-0.1	0.0
		18	0.0	0.0	-0.1	0.0	0.1	0.0	0.1	.35	0.0	0.0	0.2	0.0	-0.1	0.0
		19	0.0	0.0	-0.1	0.0	-0.1	0.0	0.0	.55	0.0	0.0	0.1	0.0	-0.1	0.0
		20	0.0	0.0	-0.1	0.0	0.1	0.0	0.1	.3	0.0	0.0	0.2	0.0	-0.1	0.0
		21	0.0	0.0	-0.1	0.0	-0.1	0.0	0.0	.55	0.0	0.0	0.1	0.0	-0.1	0.0
		22	0.0	0.0	-0.1	0.0	0.0	0.0	0.1	.45	0.0	0.0	0.1	0.0	-0.1	0.0
		23	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	.4	0.0	0.0	0.1	0.0	-0.1	0.0
		24	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	.45	0.0	0.0	0.1	0.0	-0.1	0.0
		25	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	.4	0.0	0.0	0.2	0.0	-0.1	0.0
C (9-10)	3	1	0.0	0.0	-0.2	0.0	-0.1	0.0	0.1	.5	0.0	0.0	0.2	0.0	-0.1	0.0
		2	0.0	0.0	-0.2	0.0	-0.1	0.0	0.1	.5	0.0	0.0	0.2	0.0	-0.1	0.0
		3	0.0	0.0	-0.2	0.0	-0.1	0.0	0.1	.5	0.0	0.0	0.2	0.0	-0.1	0.0
		4	0.0	0.0	-0.2	0.0	-0.1	0.0	0.1	.5	0.0	0.0	0.2	0.0	-0.1	0.0
		5	0.0	0.0	-0.2	0.0	-0.1	0.0	0.1	.5	0.0	0.0	0.2	0.0	-0.1	0.0
		6	0.0	0.0	-0.2	0.0	-0.1	0.0	0.1	.5	0.0	0.0	0.2	0.0	-0.1	0.0
		7	0.0	0.0	-0.2	0.0	-0.1	0.0	0.1	.5	0.0	0.0	0.2	0.0	-0.1	0.0
		8	0.0	0.0	-0.2	0.0	-0.1	0.0	0.1	.5	0.0	0.0	0.2	0.0	-0.1	0.0
		9	0.0	0.0	-0.2	0.0	-0.1	0.0	0.1	.5	0.0	0.0	0.2	0.0	-0.1	0.0
		10	0.0	0.0	-0.2	0.0	-0.1	0.0	0.1	.5	0.0	0.0	0.2	0.0	-0.1	0.0
		11	0.0	0.0	-0.2	0.0	-0.1	0.0	0.1	.5	0.0	0.0	0.2	0.0	-0.1	0.0
		12	0.0	0.0	-0.2	0.0	-0.1	0.0	0.1	.5	0.0	0.0	0.2	0.0	-0.1	0.0
		13	0.0	0.0	-0.2	0.0	-0.1	0.0	0.1	.5	0.0	0.0	0.2	0.0	-0.1	0.0
		14	0.0	0.0	-0.2	0.0	-0.1	0.0	0.1	.5	0.0	0.0	0.2	0.0	-0.1	0.0
		15	0.0	0.0	-0.2	0.0	-0.1	0.0	0.1	.5	0.0	0.0	0.2	0.0	-0.1	0.0
		16	0.0	0.0	-0.2	0.0	-0.1	0.0	0.1	.5	0.0	0.0	0.2	0.0	-0.1	0.0





		11	0.0	0.0	-0.3	0.0	-0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		12	0.0	0.0	-0.3	0.0	-0.5	0.0	0.0	.95	0.0	0.0	0.0	0.0	0.0
		13	0.0	0.0	-0.3	0.0	-0.4	0.0	0.0	.9	0.0	0.0	0.0	0.0	0.0
		14	0.0	0.0	-0.3	0.0	-0.5	0.0	0.1	1.0	0.0	0.0	0.0	0.0	0.1
		15	0.0	0.0	-0.3	0.0	-0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
		16	0.0	0.0	-0.3	0.0	-0.5	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0
		17	0.0	0.0	-0.3	0.0	-0.4	0.0	0.0	.9	0.0	0.0	0.0	0.0	0.0
		18	0.0	0.0	-0.2	0.0	-0.2	0.0	0.1	.9	0.0	0.0	0.0	0.0	0.1
		19	0.0	0.0	-0.2	0.0	-0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1
		20	0.0	0.0	-0.2	0.0	-0.2	0.0	0.1	.9	0.0	0.0	0.0	0.0	0.1
		21	0.0	0.0	-0.2	0.0	-0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1
		22	0.0	0.0	-0.2	0.0	-0.3	0.0	0.0	.9	0.0	0.0	0.0	0.0	0.0
		23	0.0	0.0	-0.2	0.0	-0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
		24	0.0	0.0	-0.2	0.0	-0.3	0.0	0.0	.9	0.0	0.0	0.0	0.0	0.0
		25	0.0	0.0	-0.2	0.0	-0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1
C (12-13)	3	1	0.0	0.0	-0.4	0.0	-0.3	0.0	0.2	1.0	0.0	0.0	-0.2	0.0	0.2
		2	0.0	0.0	-0.2	0.0	-0.1	0.0	0.2	1.0	0.0	0.0	-0.1	0.0	0.2
		3	0.0	0.0	-0.5	0.0	-0.4	0.0	0.3	1.0	0.0	0.0	-0.3	0.0	0.3
		4	0.0	0.0	-0.2	0.0	-0.1	0.0	0.2	1.0	0.0	0.0	-0.1	0.0	0.2
		5	0.0	0.0	-0.5	0.0	-0.4	0.0	0.3	1.0	0.0	0.0	-0.3	0.0	0.3
		6	0.0	0.0	-0.3	0.0	-0.1	0.0	0.2	1.0	0.0	0.0	-0.1	0.0	0.2
		7	0.0	0.0	-0.5	0.0	-0.4	0.0	0.3	1.0	0.0	0.0	-0.3	0.0	0.3
		8	0.0	0.0	-0.3	0.0	-0.1	0.0	0.2	1.0	0.0	0.0	-0.1	0.0	0.2
		9	0.0	0.0	-0.5	0.0	-0.4	0.0	0.2	1.0	0.0	0.0	-0.3	0.0	0.2
		10	0.0	0.0	-0.3	0.0	-0.2	0.0	0.2	1.0	0.0	0.0	-0.1	0.0	0.2
		11	0.0	0.0	-0.4	0.0	-0.3	0.0	0.2	1.0	0.0	0.0	-0.2	0.0	0.2
		12	0.0	0.0	-0.4	0.0	-0.3	0.0	0.2	1.0	0.0	0.0	-0.2	0.0	0.2
		13	0.0	0.0	-0.3	0.0	-0.2	0.0	0.2	1.0	0.0	0.0	-0.1	0.0	0.2
		14	0.0	0.0	-0.3	0.0	-0.2	0.0	0.2	1.0	0.0	0.0	-0.1	0.0	0.2
		15	0.0	0.0	-0.4	0.0	-0.3	0.0	0.2	1.0	0.0	0.0	-0.2	0.0	0.2
		16	0.0	0.0	-0.4	0.0	-0.3	0.0	0.2	1.0	0.0	0.0	-0.2	0.0	0.2
		17	0.0	0.0	-0.3	0.0	-0.2	0.0	0.2	1.0	0.0	0.0	-0.2	0.0	0.2
		18	0.0	0.0	-0.1	0.0	0.0	0.0	0.1	.75	0.0	0.0	0.0	0.0	0.1
		19	0.0	0.0	-0.4	0.0	-0.3	0.0	0.2	1.0	0.0	0.0	-0.2	0.0	0.2
		20	0.0	0.0	-0.1	0.0	0.0	0.0	0.1	.95	0.0	0.0	0.0	0.0	0.1
		21	0.0	0.0	-0.3	0.0	-0.3	0.0	0.2	1.0	0.0	0.0	-0.2	0.0	0.2
		22	0.0	0.0	-0.2	0.0	-0.2	0.0	0.1	1.0	0.0	0.0	-0.1	0.0	0.1
		23	0.0	0.0	-0.2	0.0	-0.1	0.0	0.1	1.0	0.0	0.0	-0.1	0.0	0.1
		24	0.0	0.0	-0.2	0.0	-0.1	0.0	0.1	1.0	0.0	0.0	-0.1	0.0	0.1
		25	0.0	0.0	-0.2	0.0	-0.2	0.0	0.1	1.0	0.0	0.0	-0.1	0.0	0.1
D (2-3)	3	1	0.0	0.0	-0.5	0.0	-0.3	0.0	0.2	1.0	0.0	0.0	0.0	0.0	0.2
		2	0.0	0.0	-0.7	0.0	-0.5	0.0	0.1	1.0	0.0	0.0	-0.2	0.0	0.1
		3	0.0	0.0	-0.3	0.0	0.0	0.0	0.2	.7	0.0	0.0	0.1	0.0	0.2
		4	0.0	0.0	-0.2	0.0	0.2	0.0	0.3	.4	0.0	0.0	0.3	0.0	0.2

5	0.0	0.0	-0.8	0.0	-0.8	0.0	0.1	1.0	0.0	0.0	-0.3	0.0	0.1	0.0
6	0.0	0.0	-0.7	0.0	-0.6	0.0	0.1	1.0	0.0	0.0	-0.3	0.0	0.1	0.0
7	0.0	0.0	-0.3	0.0	0.1	0.0	0.2	.55	0.0	0.0	0.2	0.0	0.2	0.0
8	0.0	0.0	-0.3	0.0	0.1	0.0	0.2	.55	0.0	0.0	0.2	0.0	0.2	0.0
9	0.0	0.0	-0.7	0.0	-0.6	0.0	0.1	1.0	0.0	0.0	-0.3	0.0	0.1	0.0
10	0.0	0.0	-1.3	0.0	-1.5	0.0	0.1	1.0	0.0	0.0	-0.8	0.0	0.1	0.0
11	0.0	0.0	0.3	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.7	0.0	0.2	0.0
12	0.0	0.0	-1.3	0.0	-1.6	0.0	0.1	1.0	0.0	0.0	-0.8	0.0	0.1	0.0
13	0.0	0.0	0.3	0.0	1.1	0.0	1.1	0.0	0.0	0.0	0.8	0.0	0.2	0.0
14	0.0	0.0	-1.3	0.0	-1.5	0.0	0.1	1.0	0.0	0.0	-0.8	0.0	0.1	0.0
15	0.0	0.0	0.3	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.7	0.0	0.2	0.0
16	0.0	0.0	-1.3	0.0	-1.5	0.0	0.1	1.0	0.0	0.0	-0.8	0.0	0.1	0.0
17	0.0	0.0	0.3	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.7	0.0	0.2	0.0
18	0.0	0.0	-0.3	0.0	-0.1	0.0	0.1	.85	0.0	0.0	0.1	0.0	0.1	0.0
19	0.0	0.0	-0.4	0.0	-0.3	0.0	0.1	1.0	0.0	0.0	-0.1	0.0	0.1	0.0
20	0.0	0.0	-0.4	0.0	-0.2	0.0	0.1	1.0	0.0	0.0	0.0	0.0	0.1	0.0
21	0.0	0.0	-0.4	0.0	-0.2	0.0	0.1	1.0	0.0	0.0	0.0	0.0	0.1	0.0
22	0.0	0.0	-1.1	0.0	-1.5	0.0	0.1	1.0	0.0	0.0	-0.8	0.0	0.1	0.0
23	0.0	0.0	0.4	0.0	1.1	0.0	1.1	0.0	0.0	0.0	0.8	0.0	0.2	0.0
24	0.0	0.0	-1.1	0.0	-1.4	0.0	0.1	1.0	0.0	0.0	-0.8	0.0	0.1	0.0
25	0.0	0.0	0.4	0.0	1.1	0.0	1.1	0.0	0.0	0.0	0.8	0.0	0.2	0.0

D(3-4)

3

1	0.0	0.0	0.0	0.0	0.2	0.0	0.2	.05	0.0	0.0	0.4	0.0	-0.2	0.0
2	0.0	0.0	-0.2	0.0	0.1	0.0	0.2	.4	0.0	0.0	0.3	0.0	0.1	0.0
3	0.0	0.0	0.1	0.0	0.2	0.0	0.2	0.0	0.0	0.0	0.6	0.0	-0.4	0.0
4	0.0	0.0	0.3	0.0	0.2	0.0	0.2	0.0	0.0	0.0	0.7	0.0	-0.6	0.0
5	0.0	0.0	-0.3	0.0	0.1	0.0	0.3	.7	0.0	0.0	0.1	0.0	0.3	0.0
6	0.0	0.0	-0.3	0.0	0.1	0.0	0.3	.55	0.0	0.0	0.2	0.0	0.2	0.0
7	0.0	0.0	0.2	0.0	0.2	0.0	0.2	0.0	0.0	0.0	0.7	0.0	-0.5	0.0
8	0.0	0.0	0.2	0.0	0.2	0.0	0.2	0.0	0.0	0.0	0.7	0.0	-0.5	0.0
9	0.0	0.0	-0.3	0.0	0.1	0.0	0.3	.55	0.0	0.0	0.2	0.0	0.2	0.0
10	0.0	0.0	-0.8	0.0	0.1	0.0	1.0	1.0	0.0	0.0	-0.3	0.0	1.0	0.0
11	0.0	0.0	0.7	0.0	0.2	0.0	0.2	0.0	0.0	0.0	1.2	0.0	-1.4	0.0
12	0.0	0.0	-0.8	0.0	0.1	0.0	1.1	1.0	0.0	0.0	-0.4	0.0	1.1	0.0
13	0.0	0.0	0.8	0.0	0.2	0.0	0.2	0.0	0.0	0.0	1.3	0.0	-1.4	0.0
14	0.0	0.0	-0.8	0.0	0.1	0.0	1.0	1.0	0.0	0.0	-0.3	0.0	1.0	0.0
15	0.0	0.0	0.7	0.0	0.2	0.0	0.2	0.0	0.0	0.0	1.2	0.0	-1.3	0.0
16	0.0	0.0	-0.8	0.0	0.1	0.0	1.0	1.0	0.0	0.0	-0.3	0.0	1.0	0.0
17	0.0	0.0	0.7	0.0	0.2	0.0	0.2	0.0	0.0	0.0	1.2	0.0	-1.3	0.0
18	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.4	0.0	-0.2	0.0
19	0.0	0.0	-0.1	0.0	0.1	0.0	0.1	.25	0.0	0.0	0.3	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.1	0.0	0.1	.05	0.0	0.0	0.3	0.0	-0.1	0.0
21	0.0	0.0	0.0	0.0	0.1	0.0	0.1	.05	0.0	0.0	0.3	0.0	-0.1	0.0
22	0.0	0.0	-0.8	0.0	0.1	0.0	1.1	1.0	0.0	0.0	-0.5	0.0	1.1	0.0
23	0.0	0.0	0.8	0.0	0.2	0.0	0.2	0.0	0.0	0.0	1.1	0.0	-1.4	0.0
24	0.0	0.0	-0.8	0.0	0.1	0.0	1.0	1.0	0.0	0.0	-0.4	0.0	1.0	0.0

		25	0.0	0.0	0.8	0.0	0.2	0.0	0.2	0.0	0.0	0.0	1.1	0.0	-1.3	0.0
D (4-5)	3	1	0.0	0.0	-0.4	0.0	-0.2	0.0	0.1	.9	0.0	0.0	0.0	0.0	0.1	0.0
		2	0.0	0.0	-0.6	0.0	-0.5	0.0	0.1	1.0	0.0	0.0	-0.1	0.0	0.1	0.0
		3	0.0	0.0	-0.3	0.0	0.0	0.0	0.2	.55	0.0	0.0	0.2	0.0	0.1	0.0
		4	0.0	0.0	-0.2	0.0	0.2	0.0	0.2	.35	0.0	0.0	0.3	0.0	0.1	0.0
		5	0.0	0.0	-0.7	0.0	-0.7	0.0	0.1	1.0	0.0	0.0	-0.2	0.0	0.1	0.0
		6	0.0	0.0	-0.7	0.0	-0.6	0.0	0.1	1.0	0.0	0.0	-0.2	0.0	0.1	0.0
		7	0.0	0.0	-0.2	0.0	0.1	0.0	0.2	.45	0.0	0.0	0.3	0.0	0.1	0.0
		8	0.0	0.0	-0.2	0.0	0.1	0.0	0.2	.5	0.0	0.0	0.2	0.0	0.1	0.0
		9	0.0	0.0	-0.6	0.0	-0.5	0.0	0.1	1.0	0.0	0.0	-0.2	0.0	0.1	0.0
		10	0.0	0.0	-1.1	0.0	-1.4	0.0	0.1	1.0	0.0	0.0	-0.7	0.0	0.1	0.0
		11	0.0	0.0	0.3	0.0	0.9	0.0	0.9	0.0	0.0	0.0	0.8	0.0	0.1	0.0
		12	0.0	0.0	-1.2	0.0	-1.4	0.0	0.1	1.0	0.0	0.0	-0.7	0.0	0.1	0.0
		13	0.0	0.0	0.3	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.8	0.0	0.1	0.0
		14	0.0	0.0	-1.1	0.0	-1.3	0.0	0.1	1.0	0.0	0.0	-0.7	0.0	0.1	0.0
		15	0.0	0.0	0.3	0.0	0.9	0.0	0.9	0.0	0.0	0.0	0.7	0.0	0.1	0.0
		16	0.0	0.0	-1.1	0.0	-1.3	0.0	0.1	1.0	0.0	0.0	-0.7	0.0	0.1	0.0
		17	0.0	0.0	0.3	0.0	0.9	0.0	0.9	0.0	0.0	0.0	0.7	0.0	0.1	0.0
		18	0.0	0.0	-0.3	0.0	-0.1	0.0	0.1	.8	0.0	0.0	0.1	0.0	0.1	0.0
		19	0.0	0.0	-0.4	0.0	-0.2	0.0	0.1	1.0	0.0	0.0	0.0	0.0	0.1	0.0
		20	0.0	0.0	-0.3	0.0	-0.2	0.0	0.1	1.0	0.0	0.0	0.0	0.0	0.1	0.0
		21	0.0	0.0	-0.3	0.0	-0.1	0.0	0.1	.85	0.0	0.0	0.0	0.0	0.1	0.0
		22	0.0	0.0	-1.0	0.0	-1.3	0.0	0.1	1.0	0.0	0.0	-0.7	0.0	0.1	0.0
		23	0.0	0.0	0.4	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.8	0.0	0.1	0.0
		24	0.0	0.0	-1.0	0.0	-1.3	0.0	0.1	1.0	0.0	0.0	-0.7	0.0	0.1	0.0
		25	0.0	0.0	0.4	0.0	0.9	0.0	0.9	0.0	0.0	0.0	0.7	0.0	0.1	0.0
D (5-6)	3	1	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.5	0.0	-0.4	0.0
		2	0.0	0.0	-0.1	0.0	0.1	0.0	0.1	.3	0.0	0.0	0.3	0.0	-0.1	0.0
		3	0.0	0.0	0.2	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.7	0.0	-0.6	0.0
		4	0.0	0.0	0.3	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.8	0.0	-0.8	0.0
		5	0.0	0.0	-0.2	0.0	0.1	0.0	0.2	.5	0.0	0.0	0.2	0.0	0.1	0.0
		6	0.0	0.0	-0.2	0.0	0.1	0.0	0.1	.4	0.0	0.0	0.3	0.0	0.0	0.0
		7	0.0	0.0	0.3	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.7	0.0	-0.7	0.0
		8	0.0	0.0	0.2	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.7	0.0	-0.7	0.0
		9	0.0	0.0	-0.2	0.0	0.1	0.0	0.1	.35	0.0	0.0	0.3	0.0	0.0	0.0
		10	0.0	0.0	-0.7	0.0	0.1	0.0	0.8	1.0	0.0	0.0	-0.2	0.0	0.8	0.0
		11	0.0	0.0	0.8	0.0	0.1	0.0	0.1	0.0	0.0	0.0	1.2	0.0	-1.5	0.0
		12	0.0	0.0	-0.7	0.0	0.1	0.0	0.8	1.0	0.0	0.0	-0.2	0.0	0.8	0.0
		13	0.0	0.0	0.8	0.0	0.1	0.0	0.1	0.0	0.0	0.0	1.3	0.0	-1.5	0.0
		14	0.0	0.0	-0.7	0.0	0.1	0.0	0.8	1.0	0.0	0.0	-0.2	0.0	0.8	0.0
		15	0.0	0.0	0.7	0.0	0.1	0.0	0.1	0.0	0.0	0.0	1.2	0.0	-1.5	0.0
		16	0.0	0.0	-0.7	0.0	0.1	0.0	0.8	1.0	0.0	0.0	-0.2	0.0	0.8	0.0
		17	0.0	0.0	0.7	0.0	0.1	0.0	0.1	0.0	0.0	0.0	1.2	0.0	-1.5	0.0
		18	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.4	0.0	-0.3	0.0

		19	0.0	0.0	0.0	0.0	0.1	0.0	0.1	.05	0.0	0.0	0.3	0.0	-0.2	0.0
		20	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.3	0.0	-0.2	0.0
		21	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.4	0.0	-0.3	0.0
		22	0.0	0.0	-0.7	0.0	0.1	0.0	0.9	1.0	0.0	0.0	-0.4	0.0	0.9	0.0
		23	0.0	0.0	0.8	0.0	0.1	0.0	0.1	0.0	0.0	0.0	1.1	0.0	-1.4	0.0
		24	0.0	0.0	-0.7	0.0	0.1	0.0	0.9	1.0	0.0	0.0	-0.3	0.0	0.9	0.0
		25	0.0	0.0	0.7	0.0	0.1	0.0	0.1	0.0	0.0	0.0	1.1	0.0	-1.4	0.0
D (6-7)	3	1	0.0	0.0	-0.9	0.0	-0.5	0.0	0.3	.55	0.0	0.0	0.7	0.0	-0.2	0.0
		2	0.0	0.0	-1.0	0.0	-0.7	0.0	0.3	.65	0.0	0.0	0.5	0.0	0.1	0.0
		3	0.0	0.0	-0.6	0.0	-0.2	0.0	0.2	.45	0.0	0.0	0.8	0.0	-0.5	0.0
		4	0.0	0.0	-0.5	0.0	0.0	0.0	0.3	.35	0.0	0.0	1.0	0.0	-0.7	0.0
		5	0.0	0.0	-1.1	0.0	-0.9	0.0	0.4	.75	0.0	0.0	0.4	0.0	0.3	0.0
		6	0.0	0.0	-1.0	0.0	-0.8	0.0	0.4	.7	0.0	0.0	0.4	0.0	0.1	0.0
		7	0.0	0.0	-0.6	0.0	-0.1	0.0	0.3	.4	0.0	0.0	0.9	0.0	-0.6	0.0
		8	0.0	0.0	-0.6	0.0	-0.1	0.0	0.3	.4	0.0	0.0	0.9	0.0	-0.6	0.0
		9	0.0	0.0	-1.0	0.0	-0.8	0.0	0.4	.7	0.0	0.0	0.4	0.0	0.2	0.0
		10	0.0	0.0	-1.6	0.0	-1.7	0.0	1.0	1.0	0.0	0.0	-0.1	0.0	1.0	0.0
		11	0.0	0.0	0.0	0.0	0.7	0.0	0.7	0.0	0.0	0.0	1.4	0.0	-1.5	0.0
		12	0.0	0.0	-1.6	0.0	-1.7	0.0	1.1	1.0	0.0	0.0	-0.2	0.0	1.1	0.0
		13	0.0	0.0	0.0	0.0	0.8	0.0	0.8	0.0	0.0	0.0	1.5	0.0	-1.6	0.0
		14	0.0	0.0	-1.6	0.0	-1.6	0.0	1.0	1.0	0.0	0.0	-0.1	0.0	1.0	0.0
		15	0.0	0.0	0.0	0.0	0.7	0.0	0.7	.05	0.0	0.0	1.4	0.0	-1.5	0.0
		16	0.0	0.0	-1.6	0.0	-1.6	0.0	1.0	1.0	0.0	0.0	-0.1	0.0	1.0	0.0
		17	0.0	0.0	0.0	0.0	0.7	0.0	0.7	.05	0.0	0.0	1.4	0.0	-1.5	0.0
		18	0.0	0.0	-0.5	0.0	-0.2	0.0	0.2	.45	0.0	0.0	0.5	0.0	-0.3	0.0
		19	0.0	0.0	-0.6	0.0	-0.4	0.0	0.2	.6	0.0	0.0	0.4	0.0	0.0	0.0
		20	0.0	0.0	-0.5	0.0	-0.3	0.0	0.2	.55	0.0	0.0	0.4	0.0	-0.2	0.0
		21	0.0	0.0	-0.5	0.0	-0.3	0.0	0.2	.55	0.0	0.0	0.4	0.0	-0.1	0.0
		22	0.0	0.0	-1.3	0.0	-1.5	0.0	1.2	1.0	0.0	0.0	-0.4	0.0	1.2	0.0
		23	0.0	0.0	0.3	0.0	0.9	0.0	0.9	0.0	0.0	0.0	1.2	0.0	-1.5	0.0
		24	0.0	0.0	-1.3	0.0	-1.5	0.0	1.1	1.0	0.0	0.0	-0.3	0.0	1.1	0.0
		25	0.0	0.0	0.2	0.0	0.9	0.0	0.9	0.0	0.0	0.0	1.2	0.0	-1.4	0.0
D' (4-5)	3	1	0.0	0.0	-0.4	0.0	-0.2	0.0	0.3	1.0	0.0	0.0	-0.2	0.0	0.3	0.0
		2	0.0	0.0	-0.4	0.0	-0.2	0.0	0.3	1.0	0.0	0.0	-0.2	0.0	0.3	0.0
		3	0.0	0.0	-0.4	0.0	-0.2	0.0	0.3	1.0	0.0	0.0	-0.2	0.0	0.3	0.0
		4	0.0	0.0	-0.4	0.0	-0.2	0.0	0.3	1.0	0.0	0.0	-0.2	0.0	0.3	0.0
		5	0.0	0.0	-0.4	0.0	-0.2	0.0	0.3	1.0	0.0	0.0	-0.2	0.0	0.3	0.0
		6	0.0	0.0	-0.4	0.0	-0.2	0.0	0.3	1.0	0.0	0.0	-0.2	0.0	0.3	0.0
		7	0.0	0.0	-0.4	0.0	-0.2	0.0	0.3	1.0	0.0	0.0	-0.2	0.0	0.3	0.0
		8	0.0	0.0	-0.4	0.0	-0.2	0.0	0.3	1.0	0.0	0.0	-0.2	0.0	0.3	0.0
		9	0.0	0.0	-0.4	0.0	-0.2	0.0	0.3	1.0	0.0	0.0	-0.2	0.0	0.3	0.0
		10	0.0	0.0	-0.4	0.0	-0.2	0.0	0.3	1.0	0.0	0.0	-0.2	0.0	0.3	0.0
		11	0.0	0.0	-0.4	0.0	-0.1	0.0	0.3	1.0	0.0	0.0	-0.2	0.0	0.3	0.0
		12	0.0	0.0	-0.4	0.0	-0.2	0.0	0.3	1.0	0.0	0.0	-0.2	0.0	0.3	0.0



7	0.0	0.0	0.0	0.0	0.5	0.0	0.5	.05	0.0	0.0	0.3	0.0	-0.1	0.0
8	0.0	0.0	0.0	0.0	0.5	0.0	0.5	.05	0.0	0.0	0.3	0.0	-0.1	0.0
9	0.0	0.0	0.0	0.0	0.5	0.0	0.5	.05	0.0	0.0	0.3	0.0	-0.1	0.0
10	0.0	0.0	0.0	0.0	0.5	0.0	0.5	.05	0.0	0.0	0.3	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.5	0.0	0.5	0.0	0.0	0.0	0.4	0.0	-0.1	0.0
12	0.0	0.0	0.0	0.0	0.5	0.0	0.5	.05	0.0	0.0	0.3	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.5	0.0	0.5	0.0	0.0	0.0	0.3	0.0	-0.1	0.0
14	0.0	0.0	0.0	0.0	0.5	0.0	0.5	.05	0.0	0.0	0.3	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.5	0.0	0.5	0.0	0.0	0.0	0.3	0.0	-0.1	0.0
16	0.0	0.0	0.0	0.0	0.5	0.0	0.5	.05	0.0	0.0	0.3	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.5	0.0	0.5	0.0	0.0	0.0	0.3	0.0	-0.1	0.0
18	0.0	0.0	0.0	0.0	0.4	0.0	0.4	.05	0.0	0.0	0.3	0.0	-0.1	0.0
19	0.0	0.0	0.0	0.0	0.4	0.0	0.4	.05	0.0	0.0	0.3	0.0	-0.1	0.0
20	0.0	0.0	0.0	0.0	0.4	0.0	0.4	.05	0.0	0.0	0.3	0.0	-0.1	0.0
21	0.0	0.0	0.0	0.0	0.4	0.0	0.4	.05	0.0	0.0	0.3	0.0	-0.1	0.0
22	0.0	0.0	0.0	0.0	0.4	0.0	0.4	.1	0.0	0.0	0.2	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.4	0.0	0.4	0.0	0.0	0.0	0.3	0.0	-0.1	0.0
24	0.0	0.0	0.0	0.0	0.4	0.0	0.4	.1	0.0	0.0	0.2	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.4	0.0	0.4	0.0	0.0	0.0	0.3	0.0	-0.1	0.0

E (2-3)

3

1	0.0	0.0	-0.6	0.0	-0.4	0.0	0.3	1.0	0.0	0.0	-0.2	0.0	0.3	0.0
2	0.0	0.0	-0.9	0.0	-0.7	0.0	0.3	1.0	0.0	0.0	-0.4	0.0	0.3	0.0
3	0.0	0.0	-0.4	0.0	0.1	0.0	0.3	.8	0.0	0.0	0.1	0.0	0.3	0.0
4	0.0	0.0	-0.3	0.0	0.1	0.0	0.3	.75	0.0	0.0	0.1	0.0	0.3	0.0
5	0.0	0.0	-0.9	0.0	-0.8	0.0	0.3	1.0	0.0	0.0	-0.4	0.0	0.3	0.0
6	0.0	0.0	-0.9	0.0	-0.7	0.0	0.3	1.0	0.0	0.0	-0.4	0.0	0.3	0.0
7	0.0	0.0	-0.4	0.0	0.1	0.0	0.3	.8	0.0	0.0	0.1	0.0	0.3	0.0
8	0.0	0.0	-0.3	0.0	0.1	0.0	0.3	.8	0.0	0.0	0.1	0.0	0.3	0.0
9	0.0	0.0	-0.9	0.0	-0.7	0.0	0.3	1.0	0.0	0.0	-0.4	0.0	0.3	0.0
10	0.0	0.0	-1.5	0.0	-1.7	0.0	0.3	1.0	0.0	0.0	-1.0	0.0	0.3	0.0
11	0.0	0.0	0.2	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.7	0.0	0.3	0.0
12	0.0	0.0	-1.5	0.0	-1.7	0.0	0.3	1.0	0.0	0.0	-1.0	0.0	0.3	0.0
13	0.0	0.0	0.3	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.7	0.0	0.3	0.0
14	0.0	0.0	-1.5	0.0	-1.7	0.0	0.3	1.0	0.0	0.0	-1.0	0.0	0.3	0.0
15	0.0	0.0	0.2	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.7	0.0	0.3	0.0
16	0.0	0.0	-1.5	0.0	-1.7	0.0	0.3	1.0	0.0	0.0	-1.0	0.0	0.3	0.0
17	0.0	0.0	0.2	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.7	0.0	0.3	0.0
18	0.0	0.0	-0.4	0.0	-0.2	0.0	0.2	1.0	0.0	0.0	-0.1	0.0	0.2	0.0
19	0.0	0.0	-0.4	0.0	-0.2	0.0	0.2	1.0	0.0	0.0	-0.1	0.0	0.2	0.0
20	0.0	0.0	-0.4	0.0	-0.2	0.0	0.2	1.0	0.0	0.0	-0.1	0.0	0.2	0.0
21	0.0	0.0	-0.4	0.0	-0.2	0.0	0.2	1.0	0.0	0.0	-0.1	0.0	0.2	0.0
22	0.0	0.0	-1.3	0.0	-1.6	0.0	0.2	1.0	0.0	0.0	-1.0	0.0	0.2	0.0
23	0.0	0.0	0.4	0.0	1.1	0.0	1.1	0.0	0.0	0.0	0.8	0.0	0.2	0.0
24	0.0	0.0	-1.3	0.0	-1.6	0.0	0.2	1.0	0.0	0.0	-0.9	0.0	0.2	0.0
25	0.0	0.0	0.4	0.0	1.1	0.0	1.1	0.0	0.0	0.0	0.8	0.0	0.2	0.0

E (3-4)	3	1	0.0	0.0	-0.2	0.0	0.3	0.0	0.3	.4	0.0	0.0	0.3	0.0	0.2	0.0	
		2	0.0	0.0	-0.4	0.0	0.3	0.0	0.6	.9	0.0	0.0	0.0	0.0	0.0	0.6	0.0
		3	0.0	0.0	0.1	0.0	0.3	0.0	0.3	0.0	0.0	0.0	0.0	0.5	0.0	-0.2	0.0
		4	0.0	0.0	0.1	0.0	0.3	0.0	0.3	0.0	0.0	0.0	0.0	0.6	0.0	-0.3	0.0
		5	0.0	0.0	-0.4	0.0	0.3	0.0	0.6	.95	0.0	0.0	0.0	0.0	0.0	0.6	0.0
		6	0.0	0.0	-0.4	0.0	0.3	0.0	0.6	.9	0.0	0.0	0.0	0.0	0.0	0.6	0.0
		7	0.0	0.0	0.1	0.0	0.3	0.0	0.3	0.0	0.0	0.0	0.0	0.5	0.0	-0.2	0.0
		8	0.0	0.0	0.1	0.0	0.3	0.0	0.3	0.0	0.0	0.0	0.0	0.5	0.0	-0.2	0.0
		9	0.0	0.0	-0.4	0.0	0.3	0.0	0.6	.95	0.0	0.0	0.0	0.0	0.0	0.6	0.0
		10	0.0	0.0	-1.0	0.0	0.3	0.0	1.5	1.0	0.0	0.0	0.0	-0.6	0.0	1.5	0.0
		11	0.0	0.0	0.7	0.0	0.3	0.0	0.3	0.0	0.0	0.0	0.0	1.1	0.0	-1.2	0.0
		12	0.0	0.0	-1.0	0.0	0.3	0.0	1.6	1.0	0.0	0.0	0.0	-0.6	0.0	1.6	0.0
		13	0.0	0.0	0.7	0.0	0.3	0.0	0.3	0.0	0.0	0.0	0.0	1.1	0.0	-1.2	0.0
		14	0.0	0.0	-1.0	0.0	0.3	0.0	1.5	1.0	0.0	0.0	0.0	-0.6	0.0	1.5	0.0
		15	0.0	0.0	0.7	0.0	0.3	0.0	0.3	0.0	0.0	0.0	0.0	1.1	0.0	-1.2	0.0
		16	0.0	0.0	-1.0	0.0	0.3	0.0	1.5	1.0	0.0	0.0	0.0	-0.6	0.0	1.5	0.0
		17	0.0	0.0	0.7	0.0	0.3	0.0	0.3	0.0	0.0	0.0	0.0	1.1	0.0	-1.2	0.0
		18	0.0	0.0	-0.1	0.0	0.2	0.0	0.2	.25	0.0	0.0	0.0	0.2	0.0	0.1	0.0
		19	0.0	0.0	-0.1	0.0	0.2	0.0	0.2	.35	0.0	0.0	0.0	0.2	0.0	0.1	0.0
		20	0.0	0.0	-0.1	0.0	0.2	0.0	0.2	.3	0.0	0.0	0.0	0.2	0.0	0.1	0.0
		21	0.0	0.0	-0.1	0.0	0.2	0.0	0.2	.3	0.0	0.0	0.0	0.2	0.0	0.1	0.0
		22	0.0	0.0	-1.0	0.0	0.2	0.0	1.5	1.0	0.0	0.0	0.0	-0.6	0.0	1.5	0.0
		23	0.0	0.0	0.8	0.0	0.2	0.0	0.2	0.0	0.0	0.0	0.0	1.1	0.0	-1.3	0.0
		24	0.0	0.0	-0.9	0.0	0.2	0.0	1.4	1.0	0.0	0.0	0.0	-0.6	0.0	1.4	0.0
		25	0.0	0.0	0.8	0.0	0.2	0.0	0.2	0.0	0.0	0.0	0.0	1.1	0.0	-1.3	0.0
F (12-13)	3	1	0.0	0.0	10.4	0.3	0.6	0.0	0.6	0.0	0.0	0.0	10.4	0.3	-18.1	0.0	
		2	0.0	0.0	8.7	0.3	0.5	0.0	0.5	0.0	0.0	0.0	8.7	0.3	-15.2	0.0	
		3	0.0	0.0	9.3	0.2	0.6	0.0	0.6	0.0	0.0	0.0	9.3	0.2	-16.2	0.0	
		4	0.0	0.0	8.9	0.3	0.5	0.0	0.5	0.0	0.0	0.0	8.9	0.3	-15.5	0.0	
		5	0.0	0.0	9.1	0.2	0.6	0.0	0.6	0.0	0.0	0.0	9.1	0.2	-15.9	0.0	
		6	0.0	0.0	8.8	0.3	0.5	0.0	0.5	0.0	0.0	0.0	8.8	0.3	-15.3	0.0	
		7	0.0	0.0	9.3	0.2	0.6	0.0	0.6	0.0	0.0	0.0	9.3	0.2	-16.2	0.0	
		8	0.0	0.0	9.0	0.3	0.5	0.0	0.5	0.0	0.0	0.0	9.0	0.3	-15.6	0.0	
		9	0.0	0.0	9.1	0.2	0.5	0.0	0.5	0.0	0.0	0.0	9.1	0.2	-15.8	0.0	
		10	0.0	0.0	8.7	0.3	0.5	0.0	0.5	0.0	0.0	0.0	8.7	0.3	-15.1	0.0	
		11	0.0	0.0	9.4	0.2	0.5	0.0	0.5	0.0	0.0	0.0	9.4	0.2	-16.4	0.0	
		12	0.0	0.0	8.8	0.2	0.5	0.0	0.5	0.0	0.0	0.0	8.8	0.2	-15.3	0.0	
13	0.0	0.0	9.3	0.3	0.5	0.0	0.5	0.0	0.0	0.0	9.3	0.3	-16.1	0.0			
14	0.0	0.0	8.7	0.3	0.5	0.0	0.5	0.0	0.0	0.0	8.7	0.3	-15.1	0.0			
15	0.0	0.0	9.4	0.2	0.5	0.0	0.5	0.0	0.0	0.0	9.4	0.2	-16.4	0.0			
16	0.0	0.0	8.8	0.3	0.5	0.0	0.5	0.0	0.0	0.0	8.8	0.3	-15.2	0.0			
17	0.0	0.0	9.3	0.3	0.5	0.0	0.5	0.0	0.0	0.0	9.3	0.3	-16.2	0.0			
18	0.0	0.0	4.9	0.2	0.3	0.0	0.3	0.0	0.0	0.0	4.9	0.2	-8.5	0.0			
19	0.0	0.0	5.3	0.1	0.3	0.0	0.3	0.0	0.0	0.0	5.3	0.1	-9.2	0.0			
20	0.0	0.0	4.9	0.2	0.3	0.0	0.3	0.0	0.0	0.0	4.9	0.2	-8.5	0.0			



				21	0.0	0.0	5.2	0.1	0.3	0.0	0.3	0.0	0.0	0.0	5.2	0.1	-9.1	0.0
				22	0.0	0.0	4.8	0.2	0.3	0.0	0.3	0.0	0.0	0.0	4.8	0.2	-8.3	0.0
				23	0.0	0.0	5.4	0.1	0.3	0.0	0.3	0.0	0.0	0.0	5.4	0.1	-9.4	0.0
				24	0.0	0.0	4.8	0.2	0.3	0.0	0.3	0.0	0.0	0.0	4.8	0.2	-8.3	0.0
				25	0.0	0.0	5.4	0.1	0.3	0.0	0.3	0.0	0.0	0.0	5.4	0.1	-9.4	0.0
F (13-14)	3	1	0.0	0.0	-4.6	0.1	-6.5	0.0	0.0	0.0	0.0	0.0	0.0	-4.2	0.1	-1.4	0.0	
		2	0.0	0.0	-4.5	0.1	-5.8	0.0	0.0	0.0	0.0	0.0	0.0	-4.0	0.1	-0.9	0.0	
		3	0.0	0.0	-3.6	0.1	-5.5	0.0	0.0	0.0	0.0	0.0	0.0	-3.2	0.1	-1.5	0.0	
		4	0.0	0.0	-2.4	0.1	-4.7	0.0	0.0	0.0	0.0	0.0	0.0	-2.0	0.1	-2.1	0.0	
		5	0.0	0.0	-5.7	0.1	-6.6	0.0	0.0	0.0	0.0	0.0	0.0	-5.2	0.1	-0.3	0.0	
		6	0.0	0.0	-4.6	0.1	-5.9	0.0	0.0	0.0	0.0	0.0	0.0	-4.2	0.1	-0.8	0.0	
		7	0.0	0.0	-3.5	0.1	-5.4	0.0	0.0	0.0	0.0	0.0	0.0	-3.0	0.1	-1.6	0.0	
		8	0.0	0.0	-2.6	0.1	-4.8	0.0	0.0	0.0	0.0	0.0	0.0	-2.1	0.1	-2.0	0.0	
		9	0.0	0.0	-5.5	0.1	-6.5	0.0	0.0	0.0	0.0	0.0	0.0	-5.0	0.1	-0.4	0.0	
		10	0.0	0.0	-7.3	0.1	-7.5	0.0	0.8	1.0	0.0	0.0	0.0	-6.9	0.1	0.8	0.0	
		11	0.0	0.0	-0.8	0.1	-3.9	0.0	0.0	0.0	0.0	0.0	0.0	-0.3	0.1	-3.2	0.0	
		12	0.0	0.0	-7.7	0.1	-7.7	0.0	1.0	1.0	0.0	0.0	0.0	-7.2	0.1	1.0	0.0	
		13	0.0	0.0	-0.4	0.1	-3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-3.4	0.0	
		14	0.0	0.0	-7.3	0.1	-7.5	0.0	0.8	1.0	0.0	0.0	0.0	-6.9	0.1	0.8	0.0	
		15	0.0	0.0	-0.8	0.1	-3.9	0.0	0.0	0.0	0.0	0.0	0.0	-0.3	0.1	-3.2	0.0	
		16	0.0	0.0	-7.6	0.1	-7.6	0.0	1.0	1.0	0.0	0.0	0.0	-7.1	0.1	1.0	0.0	
		17	0.0	0.0	-0.5	0.1	-3.7	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	-3.4	0.0	
		18	0.0	0.0	-1.7	0.1	-2.8	0.0	0.0	0.0	0.0	0.0	0.0	-1.4	0.1	-1.0	0.0	
		19	0.0	0.0	-2.9	0.1	-3.6	0.0	0.0	0.0	0.0	0.0	0.0	-2.6	0.1	-0.4	0.0	
		20	0.0	0.0	-1.9	0.1	-2.9	0.0	0.0	0.0	0.0	0.0	0.0	-1.6	0.1	-0.9	0.0	
		21	0.0	0.0	-2.7	0.1	-3.5	0.0	0.0	0.0	0.0	0.0	0.0	-2.4	0.1	-0.5	0.0	
		22	0.0	0.0	-5.7	0.1	-5.1	0.0	1.4	1.0	0.0	0.0	0.0	-5.4	0.1	1.4	0.0	
		23	0.0	0.0	1.2	0.1	-1.3	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.1	-2.8	0.0	
		24	0.0	0.0	-5.7	0.1	-5.1	0.0	1.4	1.0	0.0	0.0	0.0	-5.4	0.1	1.4	0.0	
		25	0.0	0.0	1.1	0.1	-1.3	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.1	-2.8	0.0	
F (14-15)	3	1	0.0	0.0	-7.0	-0.2	-7.0	0.0	0.1	1.0	0.0	0.0	0.0	-7.0	-0.2	0.1	0.0	
		2	0.0	0.0	-6.1	-0.2	-6.1	0.0	0.1	1.0	0.0	0.0	0.0	-6.1	-0.2	0.1	0.0	
		3	0.0	0.0	-6.1	-0.2	-6.1	0.0	0.1	1.0	0.0	0.0	0.0	-6.1	-0.2	0.1	0.0	
		4	0.0	0.0	-6.1	-0.2	-6.1	0.0	0.1	1.0	0.0	0.0	0.0	-6.1	-0.2	0.1	0.0	
		5	0.0	0.0	-6.1	-0.2	-6.1	0.0	0.1	1.0	0.0	0.0	0.0	-6.1	-0.2	0.1	0.0	
		6	0.0	0.0	-6.1	-0.2	-6.1	0.0	0.1	1.0	0.0	0.0	0.0	-6.1	-0.2	0.1	0.0	
		7	0.0	0.0	-6.1	-0.2	-6.1	0.0	0.1	1.0	0.0	0.0	0.0	-6.1	-0.2	0.1	0.0	
		8	0.0	0.0	-6.1	-0.2	-6.1	0.0	0.1	1.0	0.0	0.0	0.0	-6.1	-0.2	0.1	0.0	
		9	0.0	0.0	-6.1	-0.2	-6.1	0.0	0.1	1.0	0.0	0.0	0.0	-6.1	-0.2	0.1	0.0	
		10	0.0	0.0	-6.1	-0.2	-6.1	0.0	0.1	1.0	0.0	0.0	0.0	-6.1	-0.2	0.1	0.0	
		11	0.0	0.0	-6.1	-0.2	-6.1	0.0	0.1	1.0	0.0	0.0	0.0	-6.1	-0.2	0.1	0.0	
		12	0.0	0.0	-6.1	-0.2	-6.1	0.0	0.1	1.0	0.0	0.0	0.0	-6.1	-0.2	0.1	0.0	
		13	0.0	0.0	-6.1	-0.2	-6.1	0.0	0.1	1.0	0.0	0.0	0.0	-6.1	-0.2	0.1	0.0	
		14	0.0	0.0	-6.1	-0.2	-6.1	0.0	0.1	1.0	0.0	0.0	0.0	-6.1	-0.2	0.1	0.0	



		9	0.0	0.0	-0.2	0.0	0.3	0.0	0.4	1.0	0.0	0.0	0.0	0.4	0.0	
		10	0.0	0.0	-0.2	0.0	0.2	0.0	0.4	1.0	0.0	0.0	0.0	0.4	0.0	
		11	0.0	0.0	-0.2	0.0	0.3	0.0	0.5	1.0	0.0	0.0	0.0	0.5	0.0	
		12	0.0	0.0	-0.2	0.0	0.2	0.0	0.4	1.0	0.0	0.0	0.0	0.4	0.0	
		13	0.0	0.0	-0.2	0.0	0.3	0.0	0.5	1.0	0.0	0.0	0.0	0.5	0.0	
		14	0.0	0.0	-0.2	0.0	0.2	0.0	0.4	1.0	0.0	0.0	0.0	0.4	0.0	
		15	0.0	0.0	-0.2	0.0	0.3	0.0	0.5	1.0	0.0	0.0	0.0	0.5	0.0	
		16	0.0	0.0	-0.2	0.0	0.2	0.0	0.4	1.0	0.0	0.0	0.0	0.4	0.0	
		17	0.0	0.0	-0.2	0.0	0.3	0.0	0.5	1.0	0.0	0.0	0.0	0.5	0.0	
		18	0.0	0.0	-0.1	0.0	0.2	0.0	0.3	1.0	0.0	0.0	0.0	0.3	0.0	
		19	0.0	0.0	-0.1	0.0	0.2	0.0	0.3	1.0	0.0	0.0	0.0	0.3	0.0	
		20	0.0	0.0	-0.1	0.0	0.2	0.0	0.3	1.0	0.0	0.0	0.0	0.3	0.0	
		21	0.0	0.0	-0.1	0.0	0.2	0.0	0.3	1.0	0.0	0.0	0.0	0.3	0.0	
		22	0.0	0.0	-0.2	0.0	0.2	0.0	0.3	1.0	0.0	0.0	0.0	0.3	0.0	
		23	0.0	0.0	-0.1	0.0	0.2	0.0	0.3	.95	0.0	0.0	0.0	0.3	0.0	
		24	0.0	0.0	-0.2	0.0	0.2	0.0	0.3	1.0	0.0	0.0	0.0	0.3	0.0	
		25	0.0	0.0	-0.1	0.0	0.2	0.0	0.3	.95	0.0	0.0	0.0	0.3	0.0	
F' (6-7)	3	1	0.0	0.0	0.0	0.0	0.4	0.0	0.4	.05	0.0	0.0	0.3	0.0	-0.1	0.0
		2	0.0	0.0	0.0	0.0	0.4	0.0	0.4	.05	0.0	0.0	0.3	0.0	-0.1	0.0
		3	0.0	0.0	0.0	0.0	0.5	0.0	0.5	.05	0.0	0.0	0.3	0.0	-0.1	0.0
		4	0.0	0.0	0.0	0.0	0.5	0.0	0.5	0.0	0.0	0.0	0.3	0.0	-0.1	0.0
		5	0.0	0.0	0.0	0.0	0.4	0.0	0.4	.05	0.0	0.0	0.3	0.0	-0.1	0.0
		6	0.0	0.0	0.0	0.0	0.4	0.0	0.4	.05	0.0	0.0	0.3	0.0	-0.1	0.0
		7	0.0	0.0	0.0	0.0	0.5	0.0	0.5	.05	0.0	0.0	0.3	0.0	-0.1	0.0
		8	0.0	0.0	0.0	0.0	0.5	0.0	0.5	0.0	0.0	0.0	0.3	0.0	-0.1	0.0
		9	0.0	0.0	0.0	0.0	0.4	0.0	0.5	.05	0.0	0.0	0.3	0.0	-0.1	0.0
		10	0.0	0.0	0.0	0.0	0.4	0.0	0.4	.05	0.0	0.0	0.3	0.0	-0.1	0.0
		11	0.0	0.0	0.0	0.0	0.5	0.0	0.5	0.0	0.0	0.0	0.4	0.0	-0.2	0.0
		12	0.0	0.0	0.0	0.0	0.4	0.0	0.4	.05	0.0	0.0	0.3	0.0	-0.1	0.0
		13	0.0	0.0	0.0	0.0	0.5	0.0	0.5	0.0	0.0	0.0	0.4	0.0	-0.2	0.0
		14	0.0	0.0	0.0	0.0	0.4	0.0	0.4	.05	0.0	0.0	0.3	0.0	-0.1	0.0
		15	0.0	0.0	0.0	0.0	0.5	0.0	0.5	0.0	0.0	0.0	0.4	0.0	-0.2	0.0
		16	0.0	0.0	0.0	0.0	0.4	0.0	0.4	.05	0.0	0.0	0.3	0.0	-0.1	0.0
		17	0.0	0.0	0.0	0.0	0.5	0.0	0.5	0.0	0.0	0.0	0.4	0.0	-0.2	0.0
		18	0.0	0.0	0.0	0.0	0.3	0.0	0.3	.05	0.0	0.0	0.3	0.0	-0.1	0.0
		19	0.0	0.0	0.0	0.0	0.3	0.0	0.3	.05	0.0	0.0	0.3	0.0	-0.1	0.0
		20	0.0	0.0	0.0	0.0	0.3	0.0	0.3	.05	0.0	0.0	0.3	0.0	-0.1	0.0
		21	0.0	0.0	0.0	0.0	0.3	0.0	0.3	.05	0.0	0.0	0.3	0.0	-0.1	0.0
		22	0.0	0.0	0.0	0.0	0.3	0.0	0.3	.1	0.0	0.0	0.2	0.0	-0.1	0.0
		23	0.0	0.0	0.0	0.0	0.3	0.0	0.3	0.0	0.0	0.0	0.3	0.0	-0.1	0.0
		24	0.0	0.0	0.0	0.0	0.3	0.0	0.3	.1	0.0	0.0	0.2	0.0	-0.1	0.0
		25	0.0	0.0	0.0	0.0	0.3	0.0	0.3	0.0	0.0	0.0	0.3	0.0	-0.1	0.0
G (2-3)	3	1	0.0	0.0	-0.4	0.0	-0.2	0.0	0.2	.95	0.0	0.0	0.0	0.0	0.2	0.0
		2	0.0	0.0	-0.7	0.0	-0.6	0.0	0.2	1.0	0.0	0.0	-0.3	0.0	0.2	0.0

3	0.0	0.0	-0.2	0.0	0.3	0.0	0.3	.35	0.0	0.0	0.3	0.0	0.2	0.0
4	0.0	0.0	-0.3	0.0	0.1	0.0	0.2	.55	0.0	0.0	0.2	0.0	0.2	0.0
5	0.0	0.0	-0.6	0.0	-0.5	0.0	0.2	1.0	0.0	0.0	-0.2	0.0	0.2	0.0
6	0.0	0.0	-0.7	0.0	-0.5	0.0	0.2	1.0	0.0	0.0	-0.2	0.0	0.2	0.0
7	0.0	0.0	-0.2	0.0	0.2	0.0	0.3	.45	0.0	0.0	0.2	0.0	0.2	0.0
8	0.0	0.0	-0.2	0.0	0.2	0.0	0.3	.45	0.0	0.0	0.3	0.0	0.2	0.0
9	0.0	0.0	-0.7	0.0	-0.6	0.0	0.2	1.0	0.0	0.0	-0.2	0.0	0.2	0.0
10	0.0	0.0	-1.2	0.0	-1.5	0.0	0.1	1.0	0.0	0.0	-0.8	0.0	0.1	0.0
11	0.0	0.0	0.3	0.0	1.1	0.0	1.1	0.0	0.0	0.0	0.8	0.0	0.2	0.0
12	0.0	0.0	-1.2	0.0	-1.4	0.0	0.1	1.0	0.0	0.0	-0.7	0.0	0.1	0.0
13	0.0	0.0	0.3	0.0	1.1	0.0	1.1	0.0	0.0	0.0	0.8	0.0	0.2	0.0
14	0.0	0.0	-1.2	0.0	-1.5	0.0	0.1	1.0	0.0	0.0	-0.8	0.0	0.1	0.0
15	0.0	0.0	0.3	0.0	1.1	0.0	1.1	0.0	0.0	0.0	0.8	0.0	0.2	0.0
16	0.0	0.0	-1.2	0.0	-1.5	0.0	0.1	1.0	0.0	0.0	-0.8	0.0	0.1	0.0
17	0.0	0.0	0.3	0.0	1.1	0.0	1.1	0.0	0.0	0.0	0.8	0.0	0.2	0.0
18	0.0	0.0	-0.4	0.0	-0.2	0.0	0.1	1.0	0.0	0.0	0.0	0.0	0.1	0.0
19	0.0	0.0	-0.3	0.0	0.0	0.0	0.1	.8	0.0	0.0	0.1	0.0	0.1	0.0
20	0.0	0.0	-0.3	0.0	-0.1	0.0	0.1	.95	0.0	0.0	0.0	0.0	0.1	0.0
21	0.0	0.0	-0.3	0.0	-0.1	0.0	0.1	.95	0.0	0.0	0.0	0.0	0.1	0.0
22	0.0	0.0	-1.1	0.0	-1.4	0.0	0.1	1.0	0.0	0.0	-0.7	0.0	0.1	0.0
23	0.0	0.0	0.5	0.0	1.1	0.0	1.1	0.0	0.0	0.0	0.8	0.0	0.2	0.0
24	0.0	0.0	-1.1	0.0	-1.4	0.0	0.1	1.0	0.0	0.0	-0.8	0.0	0.1	0.0
25	0.0	0.0	0.5	0.0	1.2	0.0	1.2	0.0	0.0	0.0	0.8	0.0	0.2	0.0

G (3-4)

3

1	0.0	0.0	0.0	0.0	0.2	0.0	0.2	0.0	0.0	0.0	0.5	0.0	-0.2	0.0
2	0.0	0.0	-0.3	0.0	0.2	0.0	0.3	.55	0.0	0.0	0.2	0.0	0.2	0.0
3	0.0	0.0	0.3	0.0	0.2	0.0	0.2	0.0	0.0	0.0	0.7	0.0	-0.6	0.0
4	0.0	0.0	0.2	0.0	0.2	0.0	0.2	0.0	0.0	0.0	0.7	0.0	-0.5	0.0
5	0.0	0.0	-0.2	0.0	0.2	0.0	0.2	.35	0.0	0.0	0.3	0.0	0.1	0.0
6	0.0	0.0	-0.2	0.0	0.2	0.0	0.2	.45	0.0	0.0	0.2	0.0	0.1	0.0
7	0.0	0.0	0.2	0.0	0.2	0.0	0.2	0.0	0.0	0.0	0.7	0.0	-0.6	0.0
8	0.0	0.0	0.3	0.0	0.2	0.0	0.2	0.0	0.0	0.0	0.7	0.0	-0.6	0.0
9	0.0	0.0	-0.2	0.0	0.2	0.0	0.2	.5	0.0	0.0	0.2	0.0	0.1	0.0
10	0.0	0.0	-0.8	0.0	0.1	0.0	1.0	1.0	0.0	0.0	-0.3	0.0	1.0	0.0
11	0.0	0.0	0.8	0.0	0.2	0.0	0.2	0.0	0.0	0.0	1.3	0.0	-1.4	0.0
12	0.0	0.0	-0.7	0.0	0.1	0.0	0.9	1.0	0.0	0.0	-0.3	0.0	0.9	0.0
13	0.0	0.0	0.8	0.0	0.2	0.0	0.2	0.0	0.0	0.0	1.2	0.0	-1.4	0.0
14	0.0	0.0	-0.8	0.0	0.1	0.0	1.0	1.0	0.0	0.0	-0.3	0.0	1.0	0.0
15	0.0	0.0	0.8	0.0	0.2	0.0	0.2	0.0	0.0	0.0	1.3	0.0	-1.4	0.0
16	0.0	0.0	-0.8	0.0	0.1	0.0	1.0	1.0	0.0	0.0	-0.3	0.0	1.0	0.0
17	0.0	0.0	0.8	0.0	0.2	0.0	0.2	0.0	0.0	0.0	1.3	0.0	-1.4	0.0
18	0.0	0.0	0.0	0.0	0.1	0.0	0.1	.1	0.0	0.0	0.3	0.0	-0.1	0.0
19	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.4	0.0	-0.2	0.0
20	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.4	0.0	-0.2	0.0
21	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.3	0.0	-0.2	0.0
22	0.0	0.0	-0.7	0.0	0.1	0.0	1.0	1.0	0.0	0.0	-0.4	0.0	1.0	0.0

		23	0.0	0.0	0.8	0.0	0.2	0.0	0.2	0.0	0.0	0.0	1.1	0.0	-1.3	0.0
		24	0.0	0.0	-0.8	0.0	0.1	0.0	1.0	1.0	0.0	0.0	-0.4	0.0	1.0	0.0
		25	0.0	0.0	0.8	0.0	0.2	0.0	0.2	0.0	0.0	0.0	1.1	0.0	-1.4	0.0
G (4-5)	3	1	0.0	0.0	-0.4	0.0	-0.2	0.0	0.1	.95	0.0	0.0	0.0	0.0	0.1	0.0
		2	0.0	0.0	-0.7	0.0	-0.6	0.0	0.1	1.0	0.0	0.0	-0.2	0.0	0.1	0.0
		3	0.0	0.0	-0.2	0.0	0.2	0.0	0.2	.4	0.0	0.0	0.3	0.0	0.1	0.0
		4	0.0	0.0	-0.2	0.0	0.1	0.0	0.2	.55	0.0	0.0	0.2	0.0	0.1	0.0
		5	0.0	0.0	-0.6	0.0	-0.5	0.0	0.1	1.0	0.0	0.0	-0.2	0.0	0.1	0.0
		6	0.0	0.0	-0.6	0.0	-0.5	0.0	0.1	1.0	0.0	0.0	-0.2	0.0	0.1	0.0
		7	0.0	0.0	-0.2	0.0	0.1	0.0	0.2	.5	0.0	0.0	0.2	0.0	0.1	0.0
		8	0.0	0.0	-0.2	0.0	0.1	0.0	0.2	.4	0.0	0.0	0.3	0.0	0.1	0.0
		9	0.0	0.0	-0.7	0.0	-0.6	0.0	0.1	1.0	0.0	0.0	-0.2	0.0	0.1	0.0
		10	0.0	0.0	-1.1	0.0	-1.4	0.0	0.1	1.0	0.0	0.0	-0.7	0.0	0.1	0.0
		11	0.0	0.0	0.3	0.0	0.9	0.0	0.9	0.0	0.0	0.0	0.7	0.0	0.1	0.0
		12	0.0	0.0	-1.1	0.0	-1.3	0.0	0.1	1.0	0.0	0.0	-0.7	0.0	0.1	0.0
		13	0.0	0.0	0.3	0.0	0.9	0.0	0.9	0.0	0.0	0.0	0.7	0.0	0.1	0.0
		14	0.0	0.0	-1.1	0.0	-1.4	0.0	0.1	1.0	0.0	0.0	-0.7	0.0	0.1	0.0
		15	0.0	0.0	0.3	0.0	0.9	0.0	0.9	0.0	0.0	0.0	0.7	0.0	0.1	0.0
		16	0.0	0.0	-1.2	0.0	-1.4	0.0	0.1	1.0	0.0	0.0	-0.7	0.0	0.1	0.0
		17	0.0	0.0	0.3	0.0	0.9	0.0	0.9	0.0	0.0	0.0	0.8	0.0	0.1	0.0
		18	0.0	0.0	-0.3	0.0	-0.2	0.0	0.1	1.0	0.0	0.0	0.0	0.0	0.1	0.0
		19	0.0	0.0	-0.3	0.0	-0.1	0.0	0.1	.85	0.0	0.0	0.0	0.0	0.1	0.0
		20	0.0	0.0	-0.3	0.0	-0.1	0.0	0.1	.9	0.0	0.0	0.0	0.0	0.1	0.0
		21	0.0	0.0	-0.3	0.0	-0.2	0.0	0.1	1.0	0.0	0.0	0.0	0.0	0.1	0.0
		22	0.0	0.0	-1.0	0.0	-1.3	0.0	0.1	1.0	0.0	0.0	-0.7	0.0	0.1	0.0
		23	0.0	0.0	0.4	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.7	0.0	0.1	0.0
		24	0.0	0.0	-1.0	0.0	-1.3	0.0	0.1	1.0	0.0	0.0	-0.7	0.0	0.1	0.0
		25	0.0	0.0	0.4	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.7	0.0	0.1	0.0
G (5-6)	3	1	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.5	0.0	-0.3	0.0
		2	0.0	0.0	-0.2	0.0	0.1	0.0	0.2	.45	0.0	0.0	0.2	0.0	0.1	0.0
		3	0.0	0.0	0.3	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.7	0.0	-0.7	0.0
		4	0.0	0.0	0.2	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.7	0.0	-0.6	0.0
		5	0.0	0.0	-0.2	0.0	0.1	0.0	0.1	.35	0.0	0.0	0.3	0.0	0.0	0.0
		6	0.0	0.0	-0.2	0.0	0.1	0.0	0.1	.35	0.0	0.0	0.3	0.0	0.0	0.0
		7	0.0	0.0	0.2	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.7	0.0	-0.6	0.0
		8	0.0	0.0	0.3	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.7	0.0	-0.7	0.0
		9	0.0	0.0	-0.2	0.0	0.1	0.0	0.2	.45	0.0	0.0	0.2	0.0	0.1	0.0
		10	0.0	0.0	-0.7	0.0	0.1	0.0	0.8	1.0	0.0	0.0	-0.2	0.0	0.8	0.0
		11	0.0	0.0	0.7	0.0	0.1	0.0	0.1	0.0	0.0	0.0	1.2	0.0	-1.5	0.0
		12	0.0	0.0	-0.7	0.0	0.1	0.0	0.8	1.0	0.0	0.0	-0.2	0.0	0.8	0.0
		13	0.0	0.0	0.7	0.0	0.1	0.0	0.1	0.0	0.0	0.0	1.2	0.0	-1.4	0.0
		14	0.0	0.0	-0.7	0.0	0.1	0.0	0.8	1.0	0.0	0.0	-0.2	0.0	0.8	0.0
		15	0.0	0.0	0.7	0.0	0.1	0.0	0.1	0.0	0.0	0.0	1.2	0.0	-1.5	0.0
		16	0.0	0.0	-0.7	0.0	0.1	0.0	0.8	1.0	0.0	0.0	-0.2	0.0	0.8	0.0

		17	0.0	0.0	0.8	0.0	0.1	0.0	0.1	0.0	0.0	0.0	1.2	0.0	-1.5	0.0
		18	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.3	0.0	-0.2	0.0
		19	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.4	0.0	-0.3	0.0
		20	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.4	0.0	-0.3	0.0
		21	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.3	0.0	-0.2	0.0
		22	0.0	0.0	-0.7	0.0	0.1	0.0	0.9	1.0	0.0	0.0	-0.4	0.0	0.9	0.0
		23	0.0	0.0	0.7	0.0	0.1	0.0	0.1	0.0	0.0	0.0	1.1	0.0	-1.4	0.0
		24	0.0	0.0	-0.7	0.0	0.1	0.0	0.9	1.0	0.0	0.0	-0.4	0.0	0.9	0.0
		25	0.0	0.0	0.7	0.0	0.1	0.0	0.1	0.0	0.0	0.0	1.1	0.0	-1.4	0.0
G (6-7)	3	1	0.0	0.0	-0.8	0.0	-0.5	0.0	0.2	.55	0.0	0.0	0.6	0.0	-0.2	0.0
		2	0.0	0.0	-1.0	0.0	-0.9	0.0	0.4	.75	0.0	0.0	0.3	0.0	0.2	0.0
		3	0.0	0.0	-0.5	0.0	0.0	0.0	0.2	.35	0.0	0.0	0.8	0.0	-0.6	0.0
		4	0.0	0.0	-0.6	0.0	-0.2	0.0	0.2	.45	0.0	0.0	0.7	0.0	-0.4	0.0
		5	0.0	0.0	-0.9	0.0	-0.7	0.0	0.3	.7	0.0	0.0	0.4	0.0	0.1	0.0
		6	0.0	0.0	-1.0	0.0	-0.8	0.0	0.3	.75	0.0	0.0	0.4	0.0	0.2	0.0
		7	0.0	0.0	-0.5	0.0	-0.1	0.0	0.2	.4	0.0	0.0	0.8	0.0	-0.5	0.0
		8	0.0	0.0	-0.5	0.0	-0.1	0.0	0.2	.4	0.0	0.0	0.8	0.0	-0.5	0.0
		9	0.0	0.0	-1.0	0.0	-0.8	0.0	0.3	.75	0.0	0.0	0.4	0.0	0.2	0.0
		10	0.0	0.0	-1.5	0.0	-1.6	0.0	1.0	1.0	0.0	0.0	-0.2	0.0	1.0	0.0
		11	0.0	0.0	0.0	0.0	0.7	0.0	0.7	0.0	0.0	0.0	1.3	0.0	-1.3	0.0
		12	0.0	0.0	-1.4	0.0	-1.6	0.0	0.9	1.0	0.0	0.0	-0.1	0.0	0.9	0.0
		13	0.0	0.0	0.0	0.0	0.7	0.0	0.7	.05	0.0	0.0	1.3	0.0	-1.3	0.0
		14	0.0	0.0	-1.5	0.0	-1.6	0.0	1.0	1.0	0.0	0.0	-0.2	0.0	1.0	0.0
		15	0.0	0.0	0.0	0.0	0.7	0.0	0.7	0.0	0.0	0.0	1.3	0.0	-1.3	0.0
		16	0.0	0.0	-1.5	0.0	-1.6	0.0	1.0	1.0	0.0	0.0	-0.2	0.0	1.0	0.0
		17	0.0	0.0	0.0	0.0	0.7	0.0	0.7	0.0	0.0	0.0	1.3	0.0	-1.3	0.0
		18	0.0	0.0	-0.5	0.0	-0.4	0.0	0.2	.6	0.0	0.0	0.3	0.0	-0.1	0.0
		19	0.0	0.0	-0.4	0.0	-0.2	0.0	0.1	.5	0.0	0.0	0.4	0.0	-0.2	0.0
		20	0.0	0.0	-0.5	0.0	-0.3	0.0	0.1	.55	0.0	0.0	0.4	0.0	-0.1	0.0
		21	0.0	0.0	-0.5	0.0	-0.3	0.0	0.1	.55	0.0	0.0	0.4	0.0	-0.1	0.0
		22	0.0	0.0	-1.2	0.0	-1.4	0.0	1.0	1.0	0.0	0.0	-0.3	0.0	1.0	0.0
		23	0.0	0.0	0.2	0.0	0.8	0.0	0.8	0.0	0.0	0.0	1.1	0.0	-1.3	0.0
		24	0.0	0.0	-1.2	0.0	-1.4	0.0	1.0	1.0	0.0	0.0	-0.3	0.0	1.0	0.0
		25	0.0	0.0	0.2	0.0	0.9	0.0	0.9	0.0	0.0	0.0	1.1	0.0	-1.3	0.0
G (7-8)	3	1	0.0	0.0	-0.4	0.0	-0.2	0.0	0.1	.45	0.0	0.0	0.5	0.0	-0.3	0.0
		2	0.0	0.0	-0.7	0.0	-0.6	0.0	0.2	.75	0.0	0.0	0.2	0.0	0.1	0.0
		3	0.0	0.0	-0.2	0.0	0.2	0.0	0.2	.2	0.0	0.0	0.7	0.0	-0.7	0.0
		4	0.0	0.0	-0.2	0.0	0.1	0.0	0.2	.25	0.0	0.0	0.7	0.0	-0.6	0.0
		5	0.0	0.0	-0.6	0.0	-0.5	0.0	0.1	.65	0.0	0.0	0.3	0.0	0.0	0.0
		6	0.0	0.0	-0.6	0.0	-0.5	0.0	0.2	.7	0.0	0.0	0.3	0.0	0.0	0.0
		7	0.0	0.0	-0.2	0.0	0.1	0.0	0.2	.25	0.0	0.0	0.7	0.0	-0.6	0.0
		8	0.0	0.0	-0.2	0.0	0.2	0.0	0.2	.2	0.0	0.0	0.7	0.0	-0.7	0.0
		9	0.0	0.0	-0.7	0.0	-0.6	0.0	0.2	.7	0.0	0.0	0.3	0.0	0.1	0.0
		10	0.0	0.0	-1.1	0.0	-1.3	0.0	0.8	1.0	0.0	0.0	-0.2	0.0	0.8	0.0

		11	0.0	0.0	0.3	0.0	0.9	0.0	0.9	0.0	0.0	1.2	0.0	-1.4	0.0
		12	0.0	0.0	-1.1	0.0	-1.3	0.0	0.8	1.0	0.0	-0.2	0.0	0.8	0.0
		13	0.0	0.0	0.3	0.0	0.9	0.0	0.9	0.0	0.0	1.2	0.0	-1.4	0.0
		14	0.0	0.0	-1.2	0.0	-1.4	0.0	0.9	1.0	0.0	-0.2	0.0	0.9	0.0
		15	0.0	0.0	0.3	0.0	0.9	0.0	0.9	0.0	0.0	1.2	0.0	-1.5	0.0
		16	0.0	0.0	-1.2	0.0	-1.4	0.0	0.9	1.0	0.0	-0.2	0.0	0.9	0.0
		17	0.0	0.0	0.3	0.0	1.0	0.0	1.0	0.0	0.0	1.2	0.0	-1.5	0.0
		18	0.0	0.0	-0.4	0.0	-0.2	0.0	0.1	.55	0.0	0.3	0.0	-0.1	0.0
		19	0.0	0.0	-0.3	0.0	-0.1	0.0	0.1	.4	0.0	0.4	0.0	-0.3	0.0
		20	0.0	0.0	-0.3	0.0	-0.1	0.0	0.1	.45	0.0	0.4	0.0	-0.2	0.0
		21	0.0	0.0	-0.3	0.0	-0.2	0.0	0.1	.5	0.0	0.3	0.0	-0.2	0.0
		22	0.0	0.0	-1.0	0.0	-1.3	0.0	0.9	1.0	0.0	-0.4	0.0	0.9	0.0
		23	0.0	0.0	0.4	0.0	1.0	0.0	1.0	0.0	0.0	1.1	0.0	-1.3	0.0
		24	0.0	0.0	-1.0	0.0	-1.3	0.0	0.9	1.0	0.0	-0.4	0.0	0.9	0.0
		25	0.0	0.0	0.4	0.0	1.0	0.0	1.0	0.0	0.0	1.1	0.0	-1.4	0.0
		<hr/>													
G (8-9)	3	1	0.0	0.0	-0.5	0.0	-0.3	0.0	0.1	.55	0.0	0.4	0.0	-0.2	0.0
		2	0.0	0.0	-0.7	0.0	-0.7	0.0	0.3	.8	0.0	0.2	0.0	0.2	0.0
		3	0.0	0.0	-0.2	0.0	0.1	0.0	0.2	.25	0.0	0.7	0.0	-0.6	0.0
		4	0.0	0.0	-0.3	0.0	0.0	0.0	0.2	.35	0.0	0.6	0.0	-0.5	0.0
		5	0.0	0.0	-0.7	0.0	-0.6	0.0	0.2	.7	0.0	0.3	0.0	0.1	0.0
		6	0.0	0.0	-0.7	0.0	-0.6	0.0	0.2	.75	0.0	0.2	0.0	0.1	0.0
		7	0.0	0.0	-0.3	0.0	0.1	0.0	0.2	.3	0.0	0.6	0.0	-0.5	0.0
		8	0.0	0.0	-0.3	0.0	0.1	0.0	0.2	.3	0.0	0.7	0.0	-0.6	0.0
		9	0.0	0.0	-0.7	0.0	-0.6	0.0	0.2	.8	0.0	0.2	0.0	0.2	0.0
		10	0.0	0.0	-1.2	0.0	-1.5	0.0	1.0	1.0	0.0	-0.3	0.0	1.0	0.0
		11	0.0	0.0	0.3	0.0	0.9	0.0	0.9	0.0	0.0	1.2	0.0	-1.4	0.0
		12	0.0	0.0	-1.2	0.0	-1.4	0.0	0.9	1.0	0.0	-0.3	0.0	0.9	0.0
		13	0.0	0.0	0.2	0.0	0.8	0.0	0.8	0.0	0.0	1.1	0.0	-1.3	0.0
		14	0.0	0.0	-1.2	0.0	-1.5	0.0	1.0	1.0	0.0	-0.3	0.0	1.0	0.0
		15	0.0	0.0	0.3	0.0	0.9	0.0	0.9	0.0	0.0	1.2	0.0	-1.4	0.0
		16	0.0	0.0	-1.2	0.0	-1.5	0.0	1.0	1.0	0.0	-0.3	0.0	1.0	0.0
		17	0.0	0.0	0.3	0.0	0.9	0.0	0.9	0.0	0.0	1.2	0.0	-1.4	0.0
		18	0.0	0.0	-0.4	0.0	-0.3	0.0	0.1	.6	0.0	0.3	0.0	-0.1	0.0
		19	0.0	0.0	-0.3	0.0	-0.1	0.0	0.1	.45	0.0	0.4	0.0	-0.2	0.0
		20	0.0	0.0	-0.3	0.0	-0.2	0.0	0.1	.5	0.0	0.3	0.0	-0.2	0.0
		21	0.0	0.0	-0.4	0.0	-0.2	0.0	0.1	.55	0.0	0.3	0.0	-0.1	0.0
		22	0.0	0.0	-1.1	0.0	-1.3	0.0	1.0	1.0	0.0	-0.4	0.0	1.0	0.0
		23	0.0	0.0	0.4	0.0	0.9	0.0	0.9	0.0	0.0	1.0	0.0	-1.3	0.0
		24	0.0	0.0	-1.1	0.0	-1.4	0.0	1.0	1.0	0.0	-0.4	0.0	1.0	0.0
		25	0.0	0.0	0.4	0.0	1.0	0.0	1.0	0.0	0.0	1.1	0.0	-1.4	0.0
		<hr/>													
G (9-10)	3	1	0.0	0.0	-0.6	0.0	-0.4	0.0	0.2	.5	0.0	0.6	0.0	-0.4	0.0
		2	0.0	0.0	-0.8	0.0	-0.8	0.0	0.3	.65	0.0	0.4	0.0	-0.1	0.0
		3	0.0	0.0	-0.5	0.0	-0.1	0.0	0.3	.4	0.0	0.7	0.0	-0.7	0.0
		4	0.0	0.0	-0.5	0.0	-0.2	0.0	0.2	.4	0.0	0.7	0.0	-0.6	0.0

5	0.0	0.0	-0.7	0.0	-0.7	0.0	0.2	.6	0.0	0.0	0.5	0.0	-0.2	0.0
6	0.0	0.0	-0.7	0.0	-0.7	0.0	0.2	.6	0.0	0.0	0.5	0.0	-0.1	0.0
7	0.0	0.0	-0.5	0.0	-0.2	0.0	0.2	.4	0.0	0.0	0.7	0.0	-0.7	0.0
8	0.0	0.0	-0.5	0.0	-0.2	0.0	0.2	.4	0.0	0.0	0.7	0.0	-0.7	0.0
9	0.0	0.0	-0.7	0.0	-0.7	0.0	0.3	.6	0.0	0.0	0.5	0.0	-0.1	0.0
10	0.0	0.0	-1.0	0.0	-1.3	0.0	0.6	.85	0.0	0.0	0.2	0.0	0.5	0.0
11	0.0	0.0	-0.2	0.0	0.5	0.0	0.5	.15	0.0	0.0	1.0	0.0	-1.3	0.0
12	0.0	0.0	-1.0	0.0	-1.3	0.0	0.5	.85	0.0	0.0	0.2	0.0	0.5	0.0
13	0.0	0.0	-0.2	0.0	0.4	0.0	0.5	.15	0.0	0.0	1.0	0.0	-1.3	0.0
14	0.0	0.0	-1.0	0.0	-1.4	0.0	0.6	.85	0.0	0.0	0.2	0.0	0.5	0.0
15	0.0	0.0	-0.2	0.0	0.5	0.0	0.5	.15	0.0	0.0	1.0	0.0	-1.3	0.0
16	0.0	0.0	-1.0	0.0	-1.4	0.0	0.6	.85	0.0	0.0	0.2	0.0	0.5	0.0
17	0.0	0.0	-0.2	0.0	0.5	0.0	0.5	.15	0.0	0.0	1.0	0.0	-1.3	0.0
18	0.0	0.0	-0.5	0.0	-0.4	0.0	0.2	.55	0.0	0.0	0.4	0.0	-0.2	0.0
19	0.0	0.0	-0.4	0.0	-0.3	0.0	0.2	.5	0.0	0.0	0.5	0.0	-0.3	0.0
20	0.0	0.0	-0.4	0.0	-0.3	0.0	0.2	.5	0.0	0.0	0.4	0.0	-0.3	0.0
21	0.0	0.0	-0.4	0.0	-0.3	0.0	0.2	.5	0.0	0.0	0.4	0.0	-0.3	0.0
22	0.0	0.0	-0.9	0.0	-1.2	0.0	0.6	1.0	0.0	0.0	0.0	0.0	0.6	0.0
23	0.0	0.0	0.0	0.0	0.6	0.0	0.6	0.0	0.0	0.0	0.9	0.0	-1.2	0.0
24	0.0	0.0	-0.9	0.0	-1.2	0.0	0.6	1.0	0.0	0.0	0.0	0.0	0.6	0.0
25	0.0	0.0	0.0	0.0	0.6	0.0	0.6	0.0	0.0	0.0	0.9	0.0	-1.2	0.0

G(10-11) 3

1	0.0	0.0	-0.5	0.0	-0.2	0.0	0.1	.5	0.0	0.0	0.5	0.0	-0.3	0.0
2	0.0	0.0	-0.7	0.0	-0.7	0.0	0.2	.8	0.0	0.0	0.2	0.0	0.2	0.0
3	0.0	0.0	-0.2	0.0	0.2	0.0	0.2	.2	0.0	0.0	0.7	0.0	-0.7	0.0
4	0.0	0.0	-0.3	0.0	0.0	0.0	0.2	.3	0.0	0.0	0.6	0.0	-0.5	0.0
5	0.0	0.0	-0.6	0.0	-0.5	0.0	0.2	.7	0.0	0.0	0.3	0.0	0.0	0.0
6	0.0	0.0	-0.7	0.0	-0.6	0.0	0.2	.75	0.0	0.0	0.2	0.0	0.1	0.0
7	0.0	0.0	-0.2	0.0	0.1	0.0	0.2	.25	0.0	0.0	0.7	0.0	-0.6	0.0
8	0.0	0.0	-0.2	0.0	0.1	0.0	0.2	.25	0.0	0.0	0.7	0.0	-0.6	0.0
9	0.0	0.0	-0.7	0.0	-0.6	0.0	0.2	.75	0.0	0.0	0.2	0.0	0.1	0.0
10	0.0	0.0	-1.2	0.0	-1.4	0.0	0.9	1.0	0.0	0.0	-0.3	0.0	0.9	0.0
11	0.0	0.0	0.3	0.0	0.9	0.0	0.9	0.0	0.0	0.0	1.2	0.0	-1.4	0.0
12	0.0	0.0	-1.2	0.0	-1.4	0.0	0.9	1.0	0.0	0.0	-0.3	0.0	0.9	0.0
13	0.0	0.0	0.3	0.0	0.9	0.0	0.9	0.0	0.0	0.0	1.2	0.0	-1.4	0.0
14	0.0	0.0	-1.2	0.0	-1.4	0.0	0.9	1.0	0.0	0.0	-0.3	0.0	0.9	0.0
15	0.0	0.0	0.3	0.0	0.9	0.0	0.9	0.0	0.0	0.0	1.2	0.0	-1.4	0.0
16	0.0	0.0	-1.2	0.0	-1.4	0.0	0.9	1.0	0.0	0.0	-0.3	0.0	0.9	0.0
17	0.0	0.0	0.3	0.0	1.0	0.0	1.0	0.0	0.0	0.0	1.2	0.0	-1.4	0.0
18	0.0	0.0	-0.4	0.0	-0.2	0.0	0.1	.55	0.0	0.0	0.3	0.0	-0.1	0.0
19	0.0	0.0	-0.3	0.0	-0.1	0.0	0.1	.45	0.0	0.0	0.4	0.0	-0.3	0.0
20	0.0	0.0	-0.3	0.0	-0.2	0.0	0.1	.5	0.0	0.0	0.3	0.0	-0.2	0.0
21	0.0	0.0	-0.3	0.0	-0.2	0.0	0.1	.5	0.0	0.0	0.3	0.0	-0.2	0.0
22	0.0	0.0	-1.1	0.0	-1.3	0.0	1.0	1.0	0.0	0.0	-0.4	0.0	1.0	0.0
23	0.0	0.0	0.4	0.0	1.0	0.0	1.0	0.0	0.0	0.0	1.1	0.0	-1.3	0.0
24	0.0	0.0	-1.1	0.0	-1.4	0.0	1.0	1.0	0.0	0.0	-0.4	0.0	1.0	0.0



		25	0.0	0.0	0.4	0.0	1.0	0.0	1.0	0.0	0.0	0.0	1.1	0.0	-1.4	0.0
G (11-12)	3	1	0.0	0.0	-0.6	0.0	-0.4	0.0	0.2	.65	0.0	0.0	0.3	0.0	0.0	0.0
		2	0.0	0.0	-0.8	0.0	-0.8	0.0	0.3	.85	0.0	0.0	0.1	0.0	0.3	0.0
		3	0.0	0.0	-0.3	0.0	0.0	0.0	0.2	.35	0.0	0.0	0.6	0.0	-0.4	0.0
		4	0.0	0.0	-0.4	0.0	-0.1	0.0	0.1	.4	0.0	0.0	0.5	0.0	-0.4	0.0
		5	0.0	0.0	-0.8	0.0	-0.7	0.0	0.3	.85	0.0	0.0	0.1	0.0	0.3	0.0
		6	0.0	0.0	-0.8	0.0	-0.7	0.0	0.3	.85	0.0	0.0	0.2	0.0	0.3	0.0
		7	0.0	0.0	-0.4	0.0	-0.1	0.0	0.2	.4	0.0	0.0	0.5	0.0	-0.3	0.0
		8	0.0	0.0	-0.3	0.0	0.0	0.0	0.2	.35	0.0	0.0	0.6	0.0	-0.4	0.0
		9	0.0	0.0	-0.8	0.0	-0.8	0.0	0.4	.9	0.0	0.0	0.1	0.0	0.4	0.0
		10	0.0	0.0	-1.3	0.0	-1.5	0.0	1.1	1.0	0.0	0.0	-0.4	0.0	1.1	0.0
		11	0.0	0.0	0.2	0.0	0.8	0.0	0.8	0.0	0.0	0.0	1.1	0.0	-1.2	0.0
		12	0.0	0.0	-1.3	0.0	-1.5	0.0	1.1	1.0	0.0	0.0	-0.4	0.0	1.1	0.0
		13	0.0	0.0	0.2	0.0	0.7	0.0	0.7	0.0	0.0	0.0	1.1	0.0	-1.2	0.0
		14	0.0	0.0	-1.3	0.0	-1.5	0.0	1.1	1.0	0.0	0.0	-0.4	0.0	1.1	0.0
		15	0.0	0.0	0.2	0.0	0.8	0.0	0.8	0.0	0.0	0.0	1.1	0.0	-1.2	0.0
		16	0.0	0.0	-1.3	0.0	-1.6	0.0	1.2	1.0	0.0	0.0	-0.4	0.0	1.2	0.0
		17	0.0	0.0	0.2	0.0	0.8	0.0	0.8	0.0	0.0	0.0	1.1	0.0	-1.2	0.0
		18	0.0	0.0	-0.4	0.0	-0.3	0.0	0.1	.6	0.0	0.0	0.3	0.0	-0.1	0.0
		19	0.0	0.0	-0.4	0.0	-0.2	0.0	0.1	.6	0.0	0.0	0.3	0.0	-0.1	0.0
		20	0.0	0.0	-0.4	0.0	-0.2	0.0	0.1	.55	0.0	0.0	0.3	0.0	-0.1	0.0
		21	0.0	0.0	-0.4	0.0	-0.3	0.0	0.1	.65	0.0	0.0	0.2	0.0	0.0	0.0
		22	0.0	0.0	-1.1	0.0	-1.4	0.0	1.1	1.0	0.0	0.0	-0.5	0.0	1.1	0.0
		23	0.0	0.0	0.3	0.0	0.9	0.0	0.9	0.0	0.0	0.0	1.0	0.0	-1.2	0.0
		24	0.0	0.0	-1.1	0.0	-1.4	0.0	1.1	1.0	0.0	0.0	-0.5	0.0	1.1	0.0
		25	0.0	0.0	0.3	0.0	0.9	0.0	0.9	0.0	0.0	0.0	1.0	0.0	-1.2	0.0
G (12-13)	3	1	0.0	0.0	-0.1	0.1	0.1	0.0	0.2	.1	0.0	0.0	0.7	0.1	-0.4	0.0
		2	0.0	0.0	-0.8	0.0	-0.7	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
		3	0.0	0.0	0.6	0.1	0.9	0.0	0.9	0.0	0.0	0.0	1.2	0.1	-0.6	0.0
		4	0.0	0.0	-0.3	0.0	0.0	0.0	0.1	.4	0.0	0.0	0.4	0.0	-0.1	0.0
		5	0.0	0.0	0.1	0.1	0.2	0.0	0.2	0.0	0.0	0.0	0.8	0.1	-0.5	0.0
		6	0.0	0.0	-0.6	0.0	-0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0
		7	0.0	0.0	0.4	0.1	0.8	0.0	0.8	0.0	0.0	0.0	1.1	0.1	-0.5	0.0
		8	0.0	0.0	-0.1	0.0	0.2	0.0	0.2	.2	0.0	0.0	0.5	0.0	-0.1	0.0
		9	0.0	0.0	-0.1	0.1	0.0	0.0	0.0	.1	0.0	0.0	0.6	0.1	-0.4	0.0
		10	0.0	0.0	-1.0	0.1	-1.2	0.0	0.0	0.0	0.0	0.0	-0.3	0.1	-0.1	0.0
		11	0.0	0.0	0.8	0.1	1.4	0.0	1.4	0.0	0.0	0.0	1.5	0.1	-0.5	0.0
		12	0.0	0.0	-0.8	0.1	-0.9	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	-0.2	0.0
		13	0.0	0.0	0.6	0.1	1.1	0.0	1.1	0.0	0.0	0.0	1.2	0.1	-0.3	0.0
		14	0.0	0.0	-1.0	0.1	-1.2	0.0	0.0	0.0	0.0	0.0	-0.4	0.1	-0.1	0.0
		15	0.0	0.0	0.8	0.1	1.4	0.0	1.4	0.0	0.0	0.0	1.5	0.1	-0.5	0.0
		16	0.0	0.0	-0.9	0.1	-1.1	0.0	0.0	0.0	0.0	0.0	-0.2	0.1	-0.2	0.0
		17	0.0	0.0	0.7	0.1	1.3	0.0	1.3	0.0	0.0	0.0	1.3	0.1	-0.4	0.0
		18	0.0	0.0	-0.5	0.0	-0.4	0.0	0.1	1.0	0.0	0.0	-0.1	0.0	0.1	0.0

19	0.0	0.0	0.3	0.1	0.5	0.0	0.5	0.0	0.0	0.0	0.7	0.1	-0.4	0.0
20	0.0	0.0	-0.4	0.0	-0.3	0.0	0.1	.9	0.0	0.0	0.0	0.0	0.1	0.0
21	0.0	0.0	0.2	0.1	0.3	0.0	0.3	0.0	0.0	0.0	0.6	0.1	-0.3	0.0
22	0.0	0.0	-0.9	0.0	-1.2	0.0	0.0	0.0	0.0	0.0	-0.5	0.0	0.0	0.0
23	0.0	0.0	0.7	0.0	1.2	0.0	1.2	0.0	0.0	0.0	1.1	0.0	-0.3	0.0
24	0.0	0.0	-1.0	0.0	-1.2	0.0	0.0	1.0	0.0	0.0	-0.5	0.0	0.0	0.0
25	0.0	0.0	0.7	0.0	1.3	0.0	1.3	0.0	0.0	0.0	1.2	0.0	-0.3	0.0

G (13-14)	3	1	0.0	0.0	-0.8	-0.1	-0.4	0.0	0.2	1.0	0.0	0.0	-0.2	-0.1	0.2	0.0
		2	0.0	0.0	-0.8	0.0	0.0	0.0	0.7	1.0	0.0	0.0	-0.3	0.0	0.7	0.0
		3	0.0	0.0	-0.5	-0.1	-0.7	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.4	0.0
		4	0.0	0.0	-0.3	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	-0.1	0.0
		5	0.0	0.0	-1.0	-0.1	-0.5	0.0	0.4	1.0	0.0	0.0	-0.5	-0.1	0.4	0.0
		6	0.0	0.0	-0.7	0.0	0.0	0.0	0.6	1.0	0.0	0.0	-0.2	0.0	0.6	0.0
		7	0.0	0.0	-0.6	-0.1	-0.7	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.3	0.0
		8	0.0	0.0	-0.3	0.0	-0.3	0.0	0.0	0.0	0.0	0.0	0.2	0.0	-0.2	0.0
		9	0.0	0.0	-1.0	-0.1	-0.5	0.0	0.5	1.0	0.0	0.0	-0.5	-0.1	0.5	0.0
		10	0.0	0.0	-1.4	0.0	0.1	0.0	1.5	1.0	0.0	0.0	-0.9	0.0	1.5	0.0
		11	0.0	0.0	0.1	-0.1	-0.8	0.0	0.0	0.0	0.0	0.0	0.6	-0.1	-1.2	0.0
		12	0.0	0.0	-1.5	-0.1	-0.1	0.0	1.4	1.0	0.0	0.0	-1.0	-0.1	1.4	0.0
		13	0.0	0.0	0.2	0.0	-0.6	0.0	0.0	0.0	0.0	0.0	0.7	0.0	-1.1	0.0
		14	0.0	0.0	-1.4	0.0	0.1	0.0	1.5	1.0	0.0	0.0	-0.9	0.0	1.5	0.0
		15	0.0	0.0	0.1	-0.1	-0.8	0.0	0.0	0.0	0.0	0.0	0.6	-0.1	-1.2	0.0
		16	0.0	0.0	-1.5	-0.1	-0.1	0.0	1.5	1.0	0.0	0.0	-1.0	-0.1	1.5	0.0
		17	0.0	0.0	0.2	0.0	-0.7	0.0	0.0	0.0	0.0	0.0	0.7	0.0	-1.2	0.0
		18	0.0	0.0	-0.2	0.0	0.1	0.0	0.2	.65	0.0	0.0	0.1	0.0	0.2	0.0
		19	0.0	0.0	-0.5	-0.1	-0.5	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	0.0
		20	0.0	0.0	-0.2	0.0	0.0	0.0	0.1	.55	0.0	0.0	0.1	0.0	0.1	0.0
		21	0.0	0.0	-0.5	-0.1	-0.4	0.0	0.0	1.0	0.0	0.0	-0.2	-0.1	0.0	0.0
		22	0.0	0.0	-1.1	0.0	0.1	0.0	1.3	1.0	0.0	0.0	-0.8	0.0	1.3	0.0
		23	0.0	0.0	0.5	0.0	-0.5	0.0	0.0	0.0	0.0	0.0	0.8	0.0	-1.3	0.0
		24	0.0	0.0	-1.1	0.0	0.2	0.0	1.4	1.0	0.0	0.0	-0.8	0.0	1.4	0.0
		25	0.0	0.0	0.5	0.0	-0.5	0.0	0.0	0.0	0.0	0.0	0.8	0.0	-1.3	0.0

G (14-15)	3	1	0.0	0.0	0.6	0.1	0.6	0.0	0.6	0.0	0.0	0.0	0.7	0.1	-0.1	0.0
		2	0.0	0.0	0.5	0.0	0.5	0.0	0.5	0.0	0.0	0.0	0.6	0.0	-0.1	0.0
		3	0.0	0.0	0.5	0.1	0.5	0.0	0.5	0.0	0.0	0.0	0.6	0.1	-0.1	0.0
		4	0.0	0.0	0.5	0.0	0.5	0.0	0.5	0.0	0.0	0.0	0.6	0.0	-0.1	0.0
		5	0.0	0.0	0.5	0.1	0.5	0.0	0.5	0.0	0.0	0.0	0.6	0.1	-0.1	0.0
		6	0.0	0.0	0.5	0.0	0.5	0.0	0.5	0.0	0.0	0.0	0.6	0.0	-0.1	0.0
		7	0.0	0.0	0.5	0.1	0.5	0.0	0.5	0.0	0.0	0.0	0.6	0.1	-0.1	0.0
		8	0.0	0.0	0.5	0.0	0.5	0.0	0.5	0.0	0.0	0.0	0.6	0.0	-0.1	0.0
		9	0.0	0.0	0.5	0.1	0.5	0.0	0.5	0.0	0.0	0.0	0.6	0.1	-0.1	0.0
		10	0.0	0.0	0.5	0.0	0.5	0.0	0.5	0.0	0.0	0.0	0.6	0.0	-0.1	0.0
		11	0.0	0.0	0.5	0.1	0.5	0.0	0.5	0.0	0.0	0.0	0.6	0.1	-0.1	0.0
		12	0.0	0.0	0.5	0.1	0.5	0.0	0.5	0.0	0.0	0.0	0.6	0.1	-0.1	0.0

		13	0.0	0.0	0.5	0.0	0.5	0.0	0.5	0.0	0.0	0.6	0.0	-0.1	0.0	
		14	0.0	0.0	0.5	0.0	0.5	0.0	0.5	0.0	0.0	0.6	0.0	-0.1	0.0	
		15	0.0	0.0	0.5	0.1	0.5	0.0	0.5	0.0	0.0	0.6	0.1	-0.1	0.0	
		16	0.0	0.0	0.5	0.1	0.5	0.0	0.5	0.0	0.0	0.6	0.1	-0.1	0.0	
		17	0.0	0.0	0.5	0.0	0.5	0.0	0.5	0.0	0.0	0.6	0.0	-0.1	0.0	
		18	0.0	0.0	0.2	0.0	0.2	0.0	0.2	0.0	0.0	0.3	0.0	0.0	0.0	
		19	0.0	0.0	0.3	0.1	0.3	0.0	0.3	0.0	0.0	0.3	0.1	0.0	0.0	
		20	0.0	0.0	0.2	0.0	0.2	0.0	0.2	0.0	0.0	0.3	0.0	0.0	0.0	
		21	0.0	0.0	0.3	0.1	0.3	0.0	0.3	0.0	0.0	0.3	0.1	0.0	0.0	
		22	0.0	0.0	0.2	0.0	0.3	0.0	0.3	0.0	0.0	0.3	0.0	0.0	0.0	
		23	0.0	0.0	0.2	0.0	0.3	0.0	0.3	0.0	0.0	0.3	0.0	0.0	0.0	
		24	0.0	0.0	0.2	0.0	0.3	0.0	0.3	0.0	0.0	0.3	0.0	0.0	0.0	
		25	0.0	0.0	0.2	0.0	0.3	0.0	0.3	0.0	0.0	0.3	0.0	0.0	0.0	
H (2-3)	3	1	0.0	0.0	-0.5	0.0	-0.3	0.0	0.1	1.0	0.0	0.0	0.0	0.1	0.0	
		2	0.0	0.0	-0.8	0.0	-0.8	0.0	0.1	1.0	0.0	0.0	-0.4	0.0	0.1	0.0
		3	0.0	0.0	-0.1	0.0	0.3	0.0	0.3	.3	0.0	0.0	0.3	0.0	0.1	0.0
		4	0.0	0.0	-0.3	0.0	-0.1	0.0	0.1	.8	0.0	0.0	0.1	0.0	0.1	0.0
		5	0.0	0.0	-0.6	0.0	-0.5	0.0	0.1	1.0	0.0	0.0	-0.1	0.0	0.1	0.0
		6	0.0	0.0	-0.7	0.0	-0.6	0.0	0.1	1.0	0.0	0.0	-0.3	0.0	0.1	0.0
		7	0.0	0.0	-0.2	0.0	0.1	0.0	0.2	.5	0.0	0.0	0.2	0.0	0.1	0.0
		8	0.0	0.0	-0.2	0.0	0.1	0.0	0.2	.5	0.0	0.0	0.2	0.0	0.1	0.0
		9	0.0	0.0	-0.7	0.0	-0.7	0.0	0.1	1.0	0.0	0.0	-0.3	0.0	0.1	0.0
		10	0.0	0.0	-1.2	0.0	-1.5	0.0	0.1	1.0	0.0	0.0	-0.8	0.0	0.1	0.0
		11	0.0	0.0	0.3	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.7	0.0	0.1	0.0
		12	0.0	0.0	-1.2	0.0	-1.4	0.0	0.1	1.0	0.0	0.0	-0.7	0.0	0.1	0.0
		13	0.0	0.0	0.3	0.0	0.9	0.0	0.9	0.0	0.0	0.0	0.7	0.0	0.1	0.0
		14	0.0	0.0	-1.2	0.0	-1.6	0.0	0.1	1.0	0.0	0.0	-0.8	0.0	0.1	0.0
		15	0.0	0.0	0.3	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.8	0.0	0.1	0.0
		16	0.0	0.0	-1.2	0.0	-1.6	0.0	0.1	1.0	0.0	0.0	-0.8	0.0	0.1	0.0
		17	0.0	0.0	0.4	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.8	0.0	0.1	0.0
		18	0.0	0.0	-0.4	0.0	-0.4	0.0	0.1	1.0	0.0	0.0	-0.1	0.0	0.1	0.0
		19	0.0	0.0	-0.2	0.0	0.0	0.0	0.1	.7	0.0	0.0	0.1	0.0	0.1	0.0
		20	0.0	0.0	-0.3	0.0	-0.2	0.0	0.1	1.0	0.0	0.0	0.0	0.0	0.1	0.0
		21	0.0	0.0	-0.3	0.0	-0.2	0.0	0.1	1.0	0.0	0.0	0.0	0.0	0.1	0.0
		22	0.0	0.0	-1.1	0.0	-1.4	0.0	0.1	1.0	0.0	0.0	-0.8	0.0	0.1	0.0
		23	0.0	0.0	0.4	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.7	0.0	0.1	0.0
		24	0.0	0.0	-1.1	0.0	-1.5	0.0	0.1	1.0	0.0	0.0	-0.8	0.0	0.1	0.0
		25	0.0	0.0	0.5	0.0	1.1	0.0	1.1	0.0	0.0	0.0	0.8	0.0	0.1	0.0
H (3-4)	3	1	0.0	0.0	0.0	0.0	0.1	0.0	0.1	.1	0.0	0.0	0.4	0.0	-0.2	0.0
		2	0.0	0.0	-0.4	0.0	0.1	0.0	0.3	.85	0.0	0.0	0.1	0.0	0.3	0.0
		3	0.0	0.0	0.3	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.7	0.0	-0.7	0.0
		4	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.5	0.0	-0.3	0.0
		5	0.0	0.0	-0.1	0.0	0.1	0.0	0.2	.35	0.0	0.0	0.3	0.0	0.0	0.0
		6	0.0	0.0	-0.3	0.0	0.1	0.0	0.2	.65	0.0	0.0	0.2	0.0	0.2	0.0

7	0.0	0.0	0.2	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.6	0.0	-0.5	0.0
8	0.0	0.0	0.2	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.6	0.0	-0.5	0.0
9	0.0	0.0	-0.3	0.0	0.1	0.0	0.3	.7	0.0	0.0	0.1	0.0	0.2	0.0
10	0.0	0.0	-0.8	0.0	0.1	0.0	1.0	1.0	0.0	0.0	-0.4	0.0	1.0	0.0
11	0.0	0.0	0.7	0.0	0.1	0.0	0.1	0.0	0.0	0.0	1.2	0.0	-1.4	0.0
12	0.0	0.0	-0.7	0.0	0.1	0.0	0.9	1.0	0.0	0.0	-0.3	0.0	0.9	0.0
13	0.0	0.0	0.7	0.0	0.1	0.0	0.1	0.0	0.0	0.0	1.1	0.0	-1.3	0.0
14	0.0	0.0	-0.8	0.0	0.1	0.0	1.1	1.0	0.0	0.0	-0.4	0.0	1.1	0.0
15	0.0	0.0	0.8	0.0	0.1	0.0	0.1	0.0	0.0	0.0	1.2	0.0	-1.4	0.0
16	0.0	0.0	-0.8	0.0	0.1	0.0	1.1	1.0	0.0	0.0	-0.4	0.0	1.1	0.0
17	0.0	0.0	0.8	0.0	0.1	0.0	0.1	0.0	0.0	0.0	1.2	0.0	-1.4	0.0
18	0.0	0.0	-0.1	0.0	0.1	0.0	0.1	.4	0.0	0.0	0.2	0.0	0.0	0.0
19	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.4	0.0	-0.3	0.0
20	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.3	0.0	-0.1	0.0
21	0.0	0.0	0.0	0.0	0.1	0.0	0.1	.1	0.0	0.0	0.3	0.0	-0.1	0.0
22	0.0	0.0	-0.8	0.0	0.1	0.0	1.0	1.0	0.0	0.0	-0.4	0.0	1.0	0.0
23	0.0	0.0	0.7	0.0	0.1	0.0	0.1	0.0	0.0	0.0	1.0	0.0	-1.3	0.0
24	0.0	0.0	-0.8	0.0	0.1	0.0	1.1	1.0	0.0	0.0	-0.5	0.0	1.1	0.0
25	0.0	0.0	0.8	0.0	0.1	0.0	0.1	0.0	0.0	0.0	1.1	0.0	-1.4	0.0

H (4-5)

3

1	0.0	0.0	-0.4	0.0	-0.2	0.0	0.1	1.0	0.0	0.0	0.0	0.0	0.1	0.0
2	0.0	0.0	-0.7	0.0	-0.7	0.0	0.1	1.0	0.0	0.0	-0.3	0.0	0.1	0.0
3	0.0	0.0	-0.1	0.0	0.3	0.0	0.3	.25	0.0	0.0	0.3	0.0	0.1	0.0
4	0.0	0.0	-0.3	0.0	0.0	0.0	0.1	.7	0.0	0.0	0.1	0.0	0.1	0.0
5	0.0	0.0	-0.5	0.0	-0.4	0.0	0.1	1.0	0.0	0.0	-0.1	0.0	0.1	0.0
6	0.0	0.0	-0.6	0.0	-0.6	0.0	0.1	1.0	0.0	0.0	-0.2	0.0	0.1	0.0
7	0.0	0.0	-0.2	0.0	0.1	0.0	0.2	.5	0.0	0.0	0.2	0.0	0.1	0.0
8	0.0	0.0	-0.2	0.0	0.2	0.0	0.2	.45	0.0	0.0	0.2	0.0	0.1	0.0
9	0.0	0.0	-0.6	0.0	-0.6	0.0	0.1	1.0	0.0	0.0	-0.2	0.0	0.1	0.0
10	0.0	0.0	-1.1	0.0	-1.4	0.0	0.1	1.0	0.0	0.0	-0.7	0.0	0.1	0.0
11	0.0	0.0	0.3	0.0	0.9	0.0	0.9	0.0	0.0	0.0	0.7	0.0	0.1	0.0
12	0.0	0.0	-1.1	0.0	-1.3	0.0	0.1	1.0	0.0	0.0	-0.7	0.0	0.1	0.0
13	0.0	0.0	0.3	0.0	0.8	0.0	0.8	0.0	0.0	0.0	0.7	0.0	0.1	0.0
14	0.0	0.0	-1.1	0.0	-1.4	0.0	0.1	1.0	0.0	0.0	-0.7	0.0	0.1	0.0
15	0.0	0.0	0.3	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.7	0.0	0.1	0.0
16	0.0	0.0	-1.2	0.0	-1.4	0.0	0.1	1.0	0.0	0.0	-0.7	0.0	0.1	0.0
17	0.0	0.0	0.3	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.7	0.0	0.1	0.0
18	0.0	0.0	-0.4	0.0	-0.3	0.0	0.1	1.0	0.0	0.0	-0.1	0.0	0.1	0.0
19	0.0	0.0	-0.2	0.0	0.0	0.0	0.1	.7	0.0	0.0	0.1	0.0	0.1	0.0
20	0.0	0.0	-0.3	0.0	-0.1	0.0	0.1	.95	0.0	0.0	0.0	0.0	0.1	0.0
21	0.0	0.0	-0.3	0.0	-0.2	0.0	0.1	1.0	0.0	0.0	0.0	0.0	0.1	0.0
22	0.0	0.0	-1.0	0.0	-1.3	0.0	0.1	1.0	0.0	0.0	-0.7	0.0	0.1	0.0
23	0.0	0.0	0.4	0.0	0.9	0.0	0.9	0.0	0.0	0.0	0.7	0.0	0.1	0.0
24	0.0	0.0	-1.0	0.0	-1.3	0.0	0.1	1.0	0.0	0.0	-0.7	0.0	0.1	0.0
25	0.0	0.0	0.4	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.7	0.0	0.1	0.0

H (5-6)	3	1	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.4	0.0	-0.2	0.0	
		2	0.0	0.0	-0.3	0.0	0.1	0.0	0.3	.75	0.0	0.0	0.0	0.1	0.0	0.3	0.0
		3	0.0	0.0	0.3	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.7	0.0	-0.7	0.0
		4	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.5	0.0	-0.4	0.0
		5	0.0	0.0	-0.1	0.0	0.1	0.0	0.1	.25	0.0	0.0	0.0	0.3	0.0	0.0	0.0
		6	0.0	0.0	-0.2	0.0	0.1	0.0	0.2	.5	0.0	0.0	0.0	0.2	0.0	0.1	0.0
		7	0.0	0.0	0.2	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.6	0.0	-0.6	0.0
		8	0.0	0.0	0.2	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.6	0.0	-0.6	0.0
		9	0.0	0.0	-0.2	0.0	0.1	0.0	0.2	.55	0.0	0.0	0.0	0.2	0.0	0.1	0.0
		10	0.0	0.0	-0.7	0.0	0.1	0.0	0.9	1.0	0.0	0.0	0.0	-0.3	0.0	0.9	0.0
		11	0.0	0.0	0.7	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	1.1	0.0	-1.4	0.0
		12	0.0	0.0	-0.7	0.0	0.1	0.0	0.8	1.0	0.0	0.0	0.0	-0.3	0.0	0.8	0.0
		13	0.0	0.0	0.7	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	1.1	0.0	-1.3	0.0
		14	0.0	0.0	-0.7	0.0	0.1	0.0	0.9	1.0	0.0	0.0	0.0	-0.3	0.0	0.9	0.0
		15	0.0	0.0	0.7	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	1.2	0.0	-1.4	0.0
		16	0.0	0.0	-0.7	0.0	0.1	0.0	1.0	1.0	0.0	0.0	0.0	-0.3	0.0	1.0	0.0
		17	0.0	0.0	0.7	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	1.2	0.0	-1.4	0.0
		18	0.0	0.0	-0.1	0.0	0.1	0.0	0.1	.3	0.0	0.0	0.0	0.2	0.0	0.0	0.0
		19	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.4	0.0	-0.3	0.0
		20	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.3	0.0	-0.2	0.0
		21	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.3	0.0	-0.2	0.0
		22	0.0	0.0	-0.7	0.0	0.1	0.0	0.9	1.0	0.0	0.0	0.0	-0.4	0.0	0.9	0.0
		23	0.0	0.0	0.7	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	1.0	0.0	-1.3	0.0
		24	0.0	0.0	-0.7	0.0	0.1	0.0	1.0	1.0	0.0	0.0	0.0	-0.4	0.0	1.0	0.0
		25	0.0	0.0	0.7	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	1.1	0.0	-1.3	0.0
H (6-7)	3	1	0.0	0.0	-0.4	0.0	-0.2	0.0	0.1	.5	0.0	0.0	0.4	0.0	-0.2	0.0	
		2	0.0	0.0	-0.7	0.0	-0.7	0.0	0.3	.9	0.0	0.0	0.1	0.0	0.3	0.0	
		3	0.0	0.0	-0.1	0.0	0.3	0.0	0.3	.15	0.0	0.0	0.7	0.0	-0.7	0.0	
		4	0.0	0.0	-0.3	0.0	-0.1	0.0	0.1	.4	0.0	0.0	0.5	0.0	-0.4	0.0	
		5	0.0	0.0	-0.5	0.0	-0.4	0.0	0.1	.65	0.0	0.0	0.3	0.0	0.0	0.0	
		6	0.0	0.0	-0.6	0.0	-0.6	0.0	0.2	.75	0.0	0.0	0.2	0.0	0.1	0.0	
		7	0.0	0.0	-0.2	0.0	0.1	0.0	0.2	.25	0.0	0.0	0.6	0.0	-0.5	0.0	
		8	0.0	0.0	-0.2	0.0	0.1	0.0	0.2	.25	0.0	0.0	0.6	0.0	-0.6	0.0	
		9	0.0	0.0	-0.7	0.0	-0.6	0.0	0.2	.8	0.0	0.0	0.2	0.0	0.2	0.0	
		10	0.0	0.0	-1.1	0.0	-1.4	0.0	1.0	1.0	0.0	0.0	-0.3	0.0	1.0	0.0	
		11	0.0	0.0	0.3	0.0	0.9	0.0	0.9	0.0	0.0	0.0	1.1	0.0	-1.3	0.0	
		12	0.0	0.0	-1.1	0.0	-1.3	0.0	0.9	1.0	0.0	0.0	-0.3	0.0	0.9	0.0	
		13	0.0	0.0	0.2	0.0	0.8	0.0	0.8	0.0	0.0	0.0	1.1	0.0	-1.3	0.0	
		14	0.0	0.0	-1.2	0.0	-1.4	0.0	1.0	1.0	0.0	0.0	-0.3	0.0	1.0	0.0	
		15	0.0	0.0	0.3	0.0	0.9	0.0	0.9	0.0	0.0	0.0	1.1	0.0	-1.4	0.0	
		16	0.0	0.0	-1.2	0.0	-1.4	0.0	1.0	1.0	0.0	0.0	-0.3	0.0	1.0	0.0	
		17	0.0	0.0	0.3	0.0	1.0	0.0	1.0	0.0	0.0	0.0	1.1	0.0	-1.4	0.0	
		18	0.0	0.0	-0.4	0.0	-0.3	0.0	0.1	.65	0.0	0.0	0.2	0.0	0.0	0.0	
		19	0.0	0.0	-0.2	0.0	0.0	0.0	0.1	.35	0.0	0.0	0.4	0.0	-0.3	0.0	
		20	0.0	0.0	-0.3	0.0	-0.2	0.0	0.1	.5	0.0	0.0	0.3	0.0	-0.2	0.0	

		21	0.0	0.0	-0.3	0.0	-0.2	0.0	0.1	.55	0.0	0.0	0.3	0.0	-0.1	0.0
		22	0.0	0.0	-1.0	0.0	-1.3	0.0	1.0	1.0	0.0	0.0	-0.4	0.0	1.0	0.0
		23	0.0	0.0	0.4	0.0	0.9	0.0	0.9	0.0	0.0	0.0	1.0	0.0	-1.3	0.0
		24	0.0	0.0	-1.1	0.0	-1.4	0.0	1.0	1.0	0.0	0.0	-0.4	0.0	1.0	0.0
		25	0.0	0.0	0.4	0.0	1.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	-1.3	0.0
H (7-8)	3	1	0.0	0.0	-0.4	0.0	-0.2	0.0	0.1	.5	0.0	0.0	0.4	0.0	-0.2	0.0
		2	0.0	0.0	-0.7	0.0	-0.7	0.0	0.3	.9	0.0	0.0	0.1	0.0	0.3	0.0
		3	0.0	0.0	-0.1	0.0	0.3	0.0	0.3	.15	0.0	0.0	0.7	0.0	-0.7	0.0
		4	0.0	0.0	-0.3	0.0	-0.1	0.0	0.1	.35	0.0	0.0	0.5	0.0	-0.4	0.0
		5	0.0	0.0	-0.5	0.0	-0.4	0.0	0.1	.65	0.0	0.0	0.3	0.0	0.0	0.0
		6	0.0	0.0	-0.6	0.0	-0.6	0.0	0.2	.75	0.0	0.0	0.2	0.0	0.1	0.0
		7	0.0	0.0	-0.2	0.0	0.1	0.0	0.2	.25	0.0	0.0	0.6	0.0	-0.5	0.0
		8	0.0	0.0	-0.2	0.0	0.1	0.0	0.2	.2	0.0	0.0	0.6	0.0	-0.6	0.0
		9	0.0	0.0	-0.6	0.0	-0.6	0.0	0.2	.8	0.0	0.0	0.2	0.0	0.2	0.0
		10	0.0	0.0	-1.1	0.0	-1.4	0.0	0.9	1.0	0.0	0.0	-0.3	0.0	0.9	0.0
		11	0.0	0.0	0.3	0.0	0.9	0.0	0.9	0.0	0.0	0.0	1.1	0.0	-1.4	0.0
		12	0.0	0.0	-1.1	0.0	-1.3	0.0	0.8	1.0	0.0	0.0	-0.3	0.0	0.8	0.0
		13	0.0	0.0	0.3	0.0	0.8	0.0	0.8	0.0	0.0	0.0	1.1	0.0	-1.3	0.0
		14	0.0	0.0	-1.2	0.0	-1.4	0.0	1.0	1.0	0.0	0.0	-0.3	0.0	1.0	0.0
		15	0.0	0.0	0.3	0.0	0.9	0.0	0.9	0.0	0.0	0.0	1.1	0.0	-1.4	0.0
		16	0.0	0.0	-1.2	0.0	-1.4	0.0	1.0	1.0	0.0	0.0	-0.3	0.0	1.0	0.0
		17	0.0	0.0	0.3	0.0	1.0	0.0	1.0	0.0	0.0	0.0	1.2	0.0	-1.4	0.0
		18	0.0	0.0	-0.4	0.0	-0.3	0.0	0.1	.65	0.0	0.0	0.2	0.0	0.0	0.0
		19	0.0	0.0	-0.2	0.0	0.0	0.0	0.1	.35	0.0	0.0	0.4	0.0	-0.3	0.0
		20	0.0	0.0	-0.3	0.0	-0.2	0.0	0.1	.5	0.0	0.0	0.3	0.0	-0.2	0.0
		21	0.0	0.0	-0.3	0.0	-0.2	0.0	0.1	.5	0.0	0.0	0.3	0.0	-0.1	0.0
		22	0.0	0.0	-1.0	0.0	-1.3	0.0	0.9	1.0	0.0	0.0	-0.4	0.0	0.9	0.0
		23	0.0	0.0	0.4	0.0	0.9	0.0	0.9	0.0	0.0	0.0	1.0	0.0	-1.3	0.0
		24	0.0	0.0	-1.1	0.0	-1.4	0.0	1.0	1.0	0.0	0.0	-0.4	0.0	1.0	0.0
		25	0.0	0.0	0.4	0.0	1.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	-1.3	0.0
H (8-9)	3	1	0.0	0.0	-0.4	0.0	-0.3	0.0	0.1	.55	0.0	0.0	0.4	0.0	-0.2	0.0
		2	0.0	0.0	-0.8	0.0	-0.8	0.0	0.3	.9	0.0	0.0	0.1	0.0	0.3	0.0
		3	0.0	0.0	-0.1	0.0	0.2	0.0	0.3	.15	0.0	0.0	0.7	0.0	-0.7	0.0
		4	0.0	0.0	-0.3	0.0	-0.1	0.0	0.1	.4	0.0	0.0	0.5	0.0	-0.3	0.0
		5	0.0	0.0	-0.6	0.0	-0.4	0.0	0.2	.7	0.0	0.0	0.3	0.0	0.0	0.0
		6	0.0	0.0	-0.7	0.0	-0.6	0.0	0.2	.8	0.0	0.0	0.2	0.0	0.2	0.0
		7	0.0	0.0	-0.2	0.0	0.1	0.0	0.2	.25	0.0	0.0	0.6	0.0	-0.5	0.0
		8	0.0	0.0	-0.2	0.0	0.1	0.0	0.2	.25	0.0	0.0	0.6	0.0	-0.5	0.0
		9	0.0	0.0	-0.7	0.0	-0.6	0.0	0.3	.85	0.0	0.0	0.1	0.0	0.2	0.0
		10	0.0	0.0	-1.2	0.0	-1.4	0.0	1.0	1.0	0.0	0.0	-0.4	0.0	1.0	0.0
		11	0.0	0.0	0.3	0.0	0.9	0.0	0.9	0.0	0.0	0.0	1.1	0.0	-1.3	0.0
		12	0.0	0.0	-1.1	0.0	-1.3	0.0	0.9	1.0	0.0	0.0	-0.3	0.0	0.9	0.0
		13	0.0	0.0	0.2	0.0	0.8	0.0	0.8	0.0	0.0	0.0	1.1	0.0	-1.3	0.0
		14	0.0	0.0	-1.2	0.0	-1.4	0.0	1.0	1.0	0.0	0.0	-0.4	0.0	1.0	0.0

15	0.0	0.0	0.3	0.0	0.9	0.0	0.9	0.0	0.0	0.0	1.1	0.0	-1.4	0.0
16	0.0	0.0	-1.2	0.0	-1.5	0.0	1.1	1.0	0.0	0.0	-0.4	0.0	1.1	0.0
17	0.0	0.0	0.3	0.0	0.9	0.0	0.9	0.0	0.0	0.0	1.1	0.0	-1.4	0.0
18	0.0	0.0	-0.4	0.0	-0.3	0.0	0.1	.7	0.0	0.0	0.2	0.0	0.0	0.0
19	0.0	0.0	-0.2	0.0	0.0	0.0	0.1	.35	0.0	0.0	0.4	0.0	-0.3	0.0
20	0.0	0.0	-0.3	0.0	-0.2	0.0	0.1	.5	0.0	0.0	0.3	0.0	-0.2	0.0
21	0.0	0.0	-0.3	0.0	-0.2	0.0	0.1	.55	0.0	0.0	0.3	0.0	-0.1	0.0
22	0.0	0.0	-1.0	0.0	-1.3	0.0	1.0	1.0	0.0	0.0	-0.4	0.0	1.0	0.0
23	0.0	0.0	0.4	0.0	0.9	0.0	0.9	0.0	0.0	0.0	1.0	0.0	-1.3	0.0
24	0.0	0.0	-1.1	0.0	-1.4	0.0	1.1	1.0	0.0	0.0	-0.5	0.0	1.1	0.0
25	0.0	0.0	0.4	0.0	1.0	0.0	1.0	0.0	0.0	0.0	1.1	0.0	-1.4	0.0

H (9-10)	3	1	0.0	0.0	-0.6	0.0	-0.4	0.0	0.2	.5	0.0	0.0	0.5	0.0	-0.4	0.0
		2	0.0	0.0	-0.7	0.0	-0.8	0.0	0.3	.7	0.0	0.0	0.4	0.0	0.0	0.0
		3	0.0	0.0	-0.4	0.0	0.0	0.0	0.2	.35	0.0	0.0	0.7	0.0	-0.7	0.0
		4	0.0	0.0	-0.5	0.0	-0.3	0.0	0.2	.45	0.0	0.0	0.6	0.0	-0.5	0.0
		5	0.0	0.0	-0.6	0.0	-0.5	0.0	0.2	.55	0.0	0.0	0.5	0.0	-0.2	0.0
		6	0.0	0.0	-0.7	0.0	-0.7	0.0	0.2	.65	0.0	0.0	0.4	0.0	-0.1	0.0
		7	0.0	0.0	-0.4	0.0	-0.1	0.0	0.2	.4	0.0	0.0	0.7	0.0	-0.6	0.0
		8	0.0	0.0	-0.4	0.0	-0.1	0.0	0.2	.4	0.0	0.0	0.7	0.0	-0.7	0.0
		9	0.0	0.0	-0.7	0.0	-0.7	0.0	0.2	.65	0.0	0.0	0.4	0.0	-0.1	0.0
		10	0.0	0.0	-1.0	0.0	-1.3	0.0	0.6	.9	0.0	0.0	0.1	0.0	0.6	0.0
		11	0.0	0.0	-0.1	0.0	0.5	0.0	0.5	.1	0.0	0.0	1.0	0.0	-1.3	0.0
		12	0.0	0.0	-1.0	0.0	-1.2	0.0	0.5	.9	0.0	0.0	0.1	0.0	0.5	0.0
		13	0.0	0.0	-0.2	0.0	0.4	0.0	0.5	.15	0.0	0.0	0.9	0.0	-1.2	0.0
		14	0.0	0.0	-1.0	0.0	-1.3	0.0	0.6	.9	0.0	0.0	0.1	0.0	0.6	0.0
		15	0.0	0.0	-0.1	0.0	0.5	0.0	0.5	.1	0.0	0.0	1.0	0.0	-1.3	0.0
		16	0.0	0.0	-1.0	0.0	-1.3	0.0	0.6	.9	0.0	0.0	0.1	0.0	0.6	0.0
		17	0.0	0.0	-0.1	0.0	0.5	0.0	0.6	.1	0.0	0.0	1.0	0.0	-1.3	0.0
		18	0.0	0.0	-0.5	0.0	-0.4	0.0	0.2	.6	0.0	0.0	0.3	0.0	-0.1	0.0
		19	0.0	0.0	-0.4	0.0	-0.2	0.0	0.2	.45	0.0	0.0	0.5	0.0	-0.4	0.0
		20	0.0	0.0	-0.4	0.0	-0.3	0.0	0.1	.5	0.0	0.0	0.4	0.0	-0.3	0.0
		21	0.0	0.0	-0.4	0.0	-0.3	0.0	0.1	.5	0.0	0.0	0.4	0.0	-0.3	0.0
		22	0.0	0.0	-0.8	0.0	-1.2	0.0	0.6	1.0	0.0	0.0	0.0	0.0	0.6	0.0
		23	0.0	0.0	0.0	0.0	0.6	0.0	0.6	0.0	0.0	0.0	0.8	0.0	-1.1	0.0
		24	0.0	0.0	-0.9	0.0	-1.2	0.0	0.7	1.0	0.0	0.0	0.0	0.0	0.7	0.0
		25	0.0	0.0	0.0	0.0	0.6	0.0	0.6	0.0	0.0	0.0	0.8	0.0	-1.2	0.0

H (10-11)	3	1	0.0	0.0	-0.4	0.0	-0.2	0.0	0.1	.5	0.0	0.0	0.4	0.0	-0.2	0.0
		2	0.0	0.0	-0.7	0.0	-0.7	0.0	0.3	.9	0.0	0.0	0.1	0.0	0.3	0.0
		3	0.0	0.0	-0.1	0.0	0.3	0.0	0.3	.1	0.0	0.0	0.7	0.0	-0.7	0.0
		4	0.0	0.0	-0.3	0.0	0.0	0.0	0.1	.35	0.0	0.0	0.5	0.0	-0.4	0.0
		5	0.0	0.0	-0.5	0.0	-0.4	0.0	0.1	.65	0.0	0.0	0.3	0.0	0.0	0.0
		6	0.0	0.0	-0.6	0.0	-0.6	0.0	0.2	.75	0.0	0.0	0.2	0.0	0.1	0.0
		7	0.0	0.0	-0.2	0.0	0.1	0.0	0.2	.25	0.0	0.0	0.6	0.0	-0.6	0.0
		8	0.0	0.0	-0.2	0.0	0.2	0.0	0.2	.2	0.0	0.0	0.6	0.0	-0.6	0.0

		9	0.0	0.0	-0.7	0.0	-0.6	0.0	0.2	.8	0.0	0.0	0.2	0.0	0.2	0.0
		10	0.0	0.0	-1.2	0.0	-1.4	0.0	1.0	1.0	0.0	0.0	-0.3	0.0	1.0	0.0
		11	0.0	0.0	0.3	0.0	1.0	0.0	1.0	0.0	0.0	0.0	1.2	0.0	-1.4	0.0
		12	0.0	0.0	-1.1	0.0	-1.3	0.0	0.9	1.0	0.0	0.0	-0.3	0.0	0.9	0.0
		13	0.0	0.0	0.3	0.0	0.9	0.0	0.9	0.0	0.0	0.0	1.1	0.0	-1.3	0.0
		14	0.0	0.0	-1.2	0.0	-1.4	0.0	1.0	1.0	0.0	0.0	-0.3	0.0	1.0	0.0
		15	0.0	0.0	0.3	0.0	1.0	0.0	1.0	0.0	0.0	0.0	1.2	0.0	-1.4	0.0
		16	0.0	0.0	-1.2	0.0	-1.4	0.0	1.0	1.0	0.0	0.0	-0.4	0.0	1.0	0.0
		17	0.0	0.0	0.4	0.0	1.0	0.0	1.0	0.0	0.0	0.0	1.2	0.0	-1.4	0.0
		18	0.0	0.0	-0.4	0.0	-0.3	0.0	0.1	.65	0.0	0.0	0.2	0.0	0.0	0.0
		19	0.0	0.0	-0.2	0.0	0.0	0.0	0.1	.35	0.0	0.0	0.4	0.0	-0.3	0.0
		20	0.0	0.0	-0.3	0.0	-0.1	0.0	0.1	.5	0.0	0.0	0.3	0.0	-0.2	0.0
		21	0.0	0.0	-0.3	0.0	-0.2	0.0	0.1	.5	0.0	0.0	0.3	0.0	-0.1	0.0
		22	0.0	0.0	-1.0	0.0	-1.3	0.0	1.0	1.0	0.0	0.0	-0.4	0.0	1.0	0.0
		23	0.0	0.0	0.4	0.0	1.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	-1.3	0.0
		24	0.0	0.0	-1.1	0.0	-1.4	0.0	1.0	1.0	0.0	0.0	-0.5	0.0	1.0	0.0
		25	0.0	0.0	0.4	0.0	1.0	0.0	1.0	0.0	0.0	0.0	1.1	0.0	-1.4	0.0
H (11-12)	3	1	0.0	0.0	-0.4	0.0	-0.2	0.0	0.1	.45	0.0	0.0	0.4	0.0	-0.3	0.0
		2	0.0	0.0	-0.7	0.0	-0.7	0.0	0.3	.85	0.0	0.0	0.1	0.0	0.2	0.0
		3	0.0	0.0	-0.1	0.0	0.3	0.0	0.3	.1	0.0	0.0	0.7	0.0	-0.7	0.0
		4	0.0	0.0	-0.3	0.0	0.0	0.0	0.1	.35	0.0	0.0	0.5	0.0	-0.4	0.0
		5	0.0	0.0	-0.5	0.0	-0.4	0.0	0.1	.6	0.0	0.0	0.3	0.0	-0.1	0.0
		6	0.0	0.0	-0.6	0.0	-0.5	0.0	0.2	.75	0.0	0.0	0.2	0.0	0.1	0.0
		7	0.0	0.0	-0.2	0.0	0.1	0.0	0.2	.2	0.0	0.0	0.6	0.0	-0.6	0.0
		8	0.0	0.0	-0.2	0.0	0.2	0.0	0.2	.2	0.0	0.0	0.7	0.0	-0.6	0.0
		9	0.0	0.0	-0.6	0.0	-0.6	0.0	0.2	.75	0.0	0.0	0.2	0.0	0.1	0.0
		10	0.0	0.0	-1.1	0.0	-1.3	0.0	0.9	1.0	0.0	0.0	-0.3	0.0	0.9	0.0
		11	0.0	0.0	0.3	0.0	1.0	0.0	1.0	0.0	0.0	0.0	1.2	0.0	-1.4	0.0
		12	0.0	0.0	-1.1	0.0	-1.3	0.0	0.8	1.0	0.0	0.0	-0.2	0.0	0.8	0.0
		13	0.0	0.0	0.3	0.0	0.9	0.0	0.9	0.0	0.0	0.0	1.1	0.0	-1.3	0.0
		14	0.0	0.0	-1.1	0.0	-1.4	0.0	0.9	1.0	0.0	0.0	-0.3	0.0	0.9	0.0
		15	0.0	0.0	0.4	0.0	1.0	0.0	1.0	0.0	0.0	0.0	1.2	0.0	-1.4	0.0
		16	0.0	0.0	-1.1	0.0	-1.4	0.0	0.9	1.0	0.0	0.0	-0.3	0.0	0.9	0.0
		17	0.0	0.0	0.4	0.0	1.0	0.0	1.0	0.0	0.0	0.0	1.2	0.0	-1.4	0.0
		18	0.0	0.0	-0.4	0.0	-0.3	0.0	0.1	.65	0.0	0.0	0.2	0.0	0.0	0.0
		19	0.0	0.0	-0.2	0.0	0.0	0.0	0.1	.3	0.0	0.0	0.4	0.0	-0.3	0.0
		20	0.0	0.0	-0.3	0.0	-0.1	0.0	0.1	.45	0.0	0.0	0.3	0.0	-0.2	0.0
		21	0.0	0.0	-0.3	0.0	-0.2	0.0	0.1	.5	0.0	0.0	0.3	0.0	-0.2	0.0
		22	0.0	0.0	-1.0	0.0	-1.3	0.0	0.9	1.0	0.0	0.0	-0.4	0.0	0.9	0.0
		23	0.0	0.0	0.4	0.0	1.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	-1.3	0.0
		24	0.0	0.0	-1.0	0.0	-1.3	0.0	1.0	1.0	0.0	0.0	-0.4	0.0	1.0	0.0
		25	0.0	0.0	0.4	0.0	1.0	0.0	1.0	0.0	0.0	0.0	1.1	0.0	-1.4	0.0
H (12-13)	3	1	0.0	0.0	-0.4	0.0	-0.2	0.0	0.1	.85	0.0	0.0	0.1	0.0	0.1	0.0
		2	0.0	0.0	-0.7	0.0	-0.7	0.0	0.2	1.0	0.0	0.0	-0.3	0.0	0.2	0.0



3	0.0	0.0	-0.1	0.0	0.4	0.0	0.4	.1	0.0	0.0	0.4	0.0	0.0	0.0
4	0.0	0.0	-0.3	0.0	0.0	0.0	0.2	.6	0.0	0.0	0.2	0.0	0.1	0.0
5	0.0	0.0	-0.5	0.0	-0.3	0.0	0.2	1.0	0.0	0.0	0.0	0.0	0.2	0.0
6	0.0	0.0	-0.6	0.0	-0.5	0.0	0.2	1.0	0.0	0.0	-0.2	0.0	0.2	0.0
7	0.0	0.0	-0.2	0.0	0.2	0.0	0.2	.35	0.0	0.0	0.3	0.0	0.1	0.0
8	0.0	0.0	-0.1	0.0	0.2	0.0	0.3	.3	0.0	0.0	0.3	0.0	0.1	0.0
9	0.0	0.0	-0.6	0.0	-0.6	0.0	0.2	1.0	0.0	0.0	-0.2	0.0	0.2	0.0
10	0.0	0.0	-1.2	0.0	-1.4	0.0	0.3	1.0	0.0	0.0	-0.7	0.0	0.3	0.0
11	0.0	0.0	0.4	0.0	1.1	0.0	1.1	0.0	0.0	0.0	0.9	0.0	-0.1	0.0
12	0.0	0.0	-1.1	0.0	-1.3	0.0	0.3	1.0	0.0	0.0	-0.7	0.0	0.3	0.0
13	0.0	0.0	0.3	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.8	0.0	-0.1	0.0
14	0.0	0.0	-1.2	0.0	-1.4	0.0	0.3	1.0	0.0	0.0	-0.7	0.0	0.3	0.0
15	0.0	0.0	0.4	0.0	1.1	0.0	1.1	0.0	0.0	0.0	0.9	0.0	-0.1	0.0
16	0.0	0.0	-1.2	0.0	-1.4	0.0	0.3	1.0	0.0	0.0	-0.7	0.0	0.3	0.0
17	0.0	0.0	0.4	0.0	1.1	0.0	1.1	0.0	0.0	0.0	0.9	0.0	-0.1	0.0
18	0.0	0.0	-0.4	0.0	-0.3	0.0	0.1	1.0	0.0	0.0	-0.1	0.0	0.1	0.0
19	0.0	0.0	-0.2	0.0	0.0	0.0	0.1	.55	0.0	0.0	0.2	0.0	0.1	0.0
20	0.0	0.0	-0.3	0.0	-0.1	0.0	0.1	.85	0.0	0.0	0.1	0.0	0.1	0.0
21	0.0	0.0	-0.3	0.0	-0.1	0.0	0.1	.9	0.0	0.0	0.0	0.0	0.1	0.0
22	0.0	0.0	-1.1	0.0	-1.3	0.0	0.3	1.0	0.0	0.0	-0.7	0.0	0.3	0.0
23	0.0	0.0	0.5	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.8	0.0	-0.1	0.0
24	0.0	0.0	-1.1	0.0	-1.4	0.0	0.3	1.0	0.0	0.0	-0.8	0.0	0.3	0.0
25	0.0	0.0	0.5	0.0	1.1	0.0	1.1	0.0	0.0	0.0	0.9	0.0	-0.1	0.0

H (13-14) 3

1	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.4	0.0	-0.2	0.0
2	0.0	0.0	-0.3	0.0	0.2	0.0	0.3	.75	0.0	0.0	0.1	0.0	0.3	0.0
3	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	-0.8	0.0
4	0.0	0.0	0.2	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.5	0.0	-0.4	0.0
5	0.0	0.0	0.0	0.0	0.2	0.0	0.2	.1	0.0	0.0	0.3	0.0	0.0	0.0
6	0.0	0.0	-0.2	0.0	0.2	0.0	0.2	.45	0.0	0.0	0.2	0.0	0.2	0.0
7	0.0	0.0	0.3	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.7	0.0	-0.6	0.0
8	0.0	0.0	0.3	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.7	0.0	-0.6	0.0
9	0.0	0.0	-0.2	0.0	0.2	0.0	0.2	.5	0.0	0.0	0.2	0.0	0.2	0.0
10	0.0	0.0	-0.7	0.0	0.3	0.0	1.1	1.0	0.0	0.0	-0.4	0.0	1.1	0.0
11	0.0	0.0	0.9	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	1.2	0.0	-1.5	0.0
12	0.0	0.0	-0.7	0.0	0.3	0.0	1.0	1.0	0.0	0.0	-0.3	0.0	1.0	0.0
13	0.0	0.0	0.8	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	1.2	0.0	-1.4	0.0
14	0.0	0.0	-0.7	0.0	0.3	0.0	1.1	1.0	0.0	0.0	-0.4	0.0	1.1	0.0
15	0.0	0.0	0.9	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	1.2	0.0	-1.6	0.0
16	0.0	0.0	-0.7	0.0	0.3	0.0	1.1	1.0	0.0	0.0	-0.4	0.0	1.1	0.0
17	0.0	0.0	0.9	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	1.2	0.0	-1.6	0.0
18	0.0	0.0	-0.1	0.0	0.1	0.0	0.1	.25	0.0	0.0	0.2	0.0	0.0	0.0
19	0.0	0.0	0.2	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.4	0.0	-0.3	0.0
20	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.3	0.0	-0.2	0.0
21	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.3	0.0	-0.1	0.0
22	0.0	0.0	-0.7	0.0	0.3	0.0	1.1	1.0	0.0	0.0	-0.4	0.0	1.1	0.0

		23	0.0	0.0	0.8	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	1.1	0.0	-1.4	0.0
		24	0.0	0.0	-0.8	0.0	0.3	0.0	1.2	1.0	0.0	0.0	-0.5	0.0	1.2	0.0
		25	0.0	0.0	0.9	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	1.1	0.0	-1.5	0.0
1 (D-D')	2	1	0.0	0.0	-0.9	0.0	0.0	0.0	0.7	1.0	0.0	0.0	-0.4	0.0	0.7	0.0
		2	0.0	0.0	-0.8	0.0	0.1	0.0	0.7	1.0	0.0	0.0	-0.3	0.0	0.7	0.0
		3	0.0	0.0	-0.8	0.0	0.0	0.0	0.6	1.0	0.0	0.0	-0.4	0.0	0.6	0.0
		4	0.0	0.0	-0.8	0.0	0.1	0.0	0.7	1.0	0.0	0.0	-0.3	0.0	0.7	0.0
		5	0.0	0.0	-0.8	0.0	0.0	0.0	0.6	1.0	0.0	0.0	-0.4	0.0	0.6	0.0
		6	0.0	0.0	-0.8	0.0	0.1	0.0	0.7	1.0	0.0	0.0	-0.3	0.0	0.7	0.0
		7	0.0	0.0	-0.8	0.0	0.0	0.0	0.6	1.0	0.0	0.0	-0.4	0.0	0.6	0.0
		8	0.0	0.0	-0.8	0.0	0.1	0.0	0.7	1.0	0.0	0.0	-0.3	0.0	0.7	0.0
		9	0.0	0.0	-0.8	0.0	0.0	0.0	0.6	1.0	0.0	0.0	-0.4	0.0	0.6	0.0
		10	0.0	0.0	-0.8	0.0	0.1	0.0	0.6	1.0	0.0	0.0	-0.4	0.0	0.6	0.0
		11	0.0	0.0	-0.8	0.0	0.0	0.0	0.6	1.0	0.0	0.0	-0.4	0.0	0.6	0.0
		12	0.0	0.0	-0.8	0.0	0.0	0.0	0.6	1.0	0.0	0.0	-0.4	0.0	0.6	0.0
		13	0.0	0.0	-0.8	0.0	0.0	0.0	0.6	1.0	0.0	0.0	-0.4	0.0	0.6	0.0
		14	0.0	0.0	-0.8	0.0	0.0	0.0	0.6	1.0	0.0	0.0	-0.4	0.0	0.6	0.0
		15	0.0	0.0	-0.8	0.0	0.0	0.0	0.6	1.0	0.0	0.0	-0.4	0.0	0.6	0.0
		16	0.0	0.0	-0.8	0.0	0.0	0.0	0.6	1.0	0.0	0.0	-0.4	0.0	0.6	0.0
		17	0.0	0.0	-0.8	0.0	0.1	0.0	0.7	1.0	0.0	0.0	-0.4	0.0	0.7	0.0
		18	0.0	0.0	-0.5	0.0	0.1	0.0	0.4	1.0	0.0	0.0	-0.2	0.0	0.4	0.0
		19	0.0	0.0	-0.5	0.0	0.0	0.0	0.4	1.0	0.0	0.0	-0.3	0.0	0.4	0.0
		20	0.0	0.0	-0.5	0.0	0.1	0.0	0.4	1.0	0.0	0.0	-0.2	0.0	0.4	0.0
		21	0.0	0.0	-0.5	0.0	0.0	0.0	0.4	1.0	0.0	0.0	-0.3	0.0	0.4	0.0
		22	0.0	0.0	-0.5	0.0	0.0	0.0	0.4	1.0	0.0	0.0	-0.2	0.0	0.4	0.0
		23	0.0	0.0	-0.5	0.0	0.0	0.0	0.4	1.0	0.0	0.0	-0.2	0.0	0.4	0.0
		24	0.0	0.0	-0.5	0.0	0.0	0.0	0.4	1.0	0.0	0.0	-0.2	0.0	0.4	0.0
		25	0.0	0.0	-0.5	0.0	0.0	0.0	0.4	1.0	0.0	0.0	-0.2	0.0	0.4	0.0
1 (D'-E)	2	1	0.0	0.0	-0.4	0.0	0.7	0.0	0.8	.3	0.0	0.0	1.0	0.0	0.1	0.0
		2	0.0	0.0	-0.3	0.0	0.7	0.0	0.8	.25	0.0	0.0	0.9	0.0	0.0	0.0
		3	0.0	0.0	-0.4	0.0	0.6	0.0	0.8	.3	0.0	0.0	0.9	0.0	0.1	0.0
		4	0.0	0.0	-0.3	0.0	0.7	0.0	0.8	.25	0.0	0.0	0.9	0.0	0.0	0.0
		5	0.0	0.0	-0.4	0.0	0.6	0.0	0.8	.3	0.0	0.0	0.9	0.0	0.1	0.0
		6	0.0	0.0	-0.3	0.0	0.7	0.0	0.8	.25	0.0	0.0	1.0	0.0	0.0	0.0
		7	0.0	0.0	-0.4	0.0	0.6	0.0	0.8	.3	0.0	0.0	0.9	0.0	0.1	0.0
		8	0.0	0.0	-0.3	0.0	0.7	0.0	0.8	.25	0.0	0.0	1.0	0.0	0.0	0.0
		9	0.0	0.0	-0.4	0.0	0.6	0.0	0.8	.3	0.0	0.0	0.9	0.0	0.1	0.0
		10	0.0	0.0	-0.4	0.0	0.6	0.0	0.8	.3	0.0	0.0	0.9	0.0	0.0	0.0
		11	0.0	0.0	-0.4	0.0	0.6	0.0	0.8	.3	0.0	0.0	0.9	0.0	0.1	0.0
		12	0.0	0.0	-0.4	0.0	0.6	0.0	0.8	.3	0.0	0.0	0.9	0.0	0.1	0.0
		13	0.0	0.0	-0.4	0.0	0.6	0.0	0.8	.3	0.0	0.0	0.9	0.0	0.0	0.0
		14	0.0	0.0	-0.4	0.0	0.6	0.0	0.8	.3	0.0	0.0	0.9	0.0	0.0	0.0
		15	0.0	0.0	-0.4	0.0	0.6	0.0	0.8	.3	0.0	0.0	0.9	0.0	0.1	0.0
		16	0.0	0.0	-0.4	0.0	0.6	0.0	0.8	.3	0.0	0.0	0.9	0.0	0.1	0.0



		11	0.0	0.0	1.5	0.0	-1.8	0.0	0.0	0.0	0.0	0.0	1.8	0.0	-3.0	0.0	
		12	0.0	0.0	1.5	0.0	-1.8	0.0	0.0	0.0	0.0	0.0	1.8	0.0	-3.0	0.0	
		13	0.0	0.0	1.5	0.0	-1.8	0.0	0.0	0.0	0.0	0.0	1.8	0.0	-3.0	0.0	
		14	0.0	0.0	1.5	0.0	-1.8	0.0	0.0	0.0	0.0	0.0	1.8	0.0	-3.0	0.0	
		15	0.0	0.0	1.5	0.0	-1.8	0.0	0.0	0.0	0.0	0.0	1.8	0.0	-3.0	0.0	
		16	0.0	0.0	1.5	0.0	-1.8	0.0	0.0	0.0	0.0	0.0	1.8	0.0	-3.0	0.0	
		17	0.0	0.0	1.5	0.0	-1.8	0.0	0.0	0.0	0.0	0.0	1.8	0.0	-3.0	0.0	
		18	0.0	0.0	1.0	0.0	-1.1	0.0	0.0	0.0	0.0	0.0	1.1	0.0	-1.9	0.0	
		19	0.0	0.0	1.0	0.0	-1.1	0.0	0.0	0.0	0.0	0.0	1.1	0.0	-1.9	0.0	
		20	0.0	0.0	1.0	0.0	-1.1	0.0	0.0	0.0	0.0	0.0	1.1	0.0	-1.9	0.0	
		21	0.0	0.0	1.0	0.0	-1.1	0.0	0.0	0.0	0.0	0.0	1.1	0.0	-1.9	0.0	
		22	0.0	0.0	1.0	0.0	-1.1	0.0	0.0	0.0	0.0	0.0	1.1	0.0	-1.9	0.0	
		23	0.0	0.0	1.0	0.0	-1.1	0.0	0.0	0.0	0.0	0.0	1.1	0.0	-1.9	0.0	
		24	0.0	0.0	1.0	0.0	-1.1	0.0	0.0	0.0	0.0	0.0	1.1	0.0	-1.9	0.0	
		25	0.0	0.0	1.0	0.0	-1.1	0.0	0.0	0.0	0.0	0.0	1.1	0.0	-1.9	0.0	
	2 (B-C)	2	1	0.0	0.0	-2.8	0.0	-1.3	0.0	0.9	1.0	0.0	0.0	-0.6	0.0	0.9	0.0
			2	0.0	0.0	-1.1	0.0	1.2	0.0	1.7	.55	0.0	0.0	0.9	0.0	1.4	0.0
			3	0.0	0.0	-3.8	0.0	-3.7	0.0	0.2	1.0	0.0	0.0	-1.9	0.0	0.2	0.0
			4	0.0	0.0	-1.2	0.0	1.2	0.0	1.6	.6	0.0	0.0	0.8	0.0	1.4	0.0
			5	0.0	0.0	-3.8	0.0	-3.2	0.0	0.2	1.0	0.0	0.0	-1.8	0.0	0.2	0.0
			6	0.0	0.0	-0.7	0.0	2.0	0.0	2.1	.35	0.0	0.0	1.3	0.0	1.6	0.0
			7	0.0	0.0	-4.3	0.0	-4.4	0.0	0.0	0.0	0.0	0.0	-2.3	0.0	0.0	0.0
			8	0.0	0.0	-0.6	0.0	2.1	0.0	2.3	.3	0.0	0.0	1.4	0.0	1.6	0.0
			9	0.0	0.0	-4.3	0.0	-4.5	0.0	0.0	0.0	0.0	0.0	-2.4	0.0	0.0	0.0
			10	0.0	0.0	-2.0	0.0	-0.3	0.0	1.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0
			11	0.0	0.0	-3.0	0.0	-2.1	0.0	0.6	1.0	0.0	0.0	-1.0	0.0	0.6	0.0
			12	0.0	0.0	-2.8	0.0	-1.8	0.0	0.7	1.0	0.0	0.0	-0.8	0.0	0.7	0.0
			13	0.0	0.0	-2.2	0.0	-0.6	0.0	0.9	1.0	0.0	0.0	-0.2	0.0	0.9	0.0
			14	0.0	0.0	-2.1	0.0	-0.5	0.0	1.0	1.0	0.0	0.0	-0.1	0.0	1.0	0.0
			15	0.0	0.0	-2.9	0.0	-1.9	0.0	0.6	1.0	0.0	0.0	-0.9	0.0	0.6	0.0
			16	0.0	0.0	-3.2	0.0	-2.4	0.0	0.5	1.0	0.0	0.0	-1.2	0.0	0.5	0.0
			17	0.0	0.0	-1.8	0.0	0.0	0.0	1.1	.9	0.0	0.0	0.2	0.0	1.1	0.0
			18	0.0	0.0	-0.2	0.0	1.7	0.0	1.7	.15	0.0	0.0	1.0	0.0	1.1	0.0
			19	0.0	0.0	-2.9	0.0	-3.1	0.0	0.0	0.0	0.0	0.0	-1.6	0.0	-0.1	0.0
			20	0.0	0.0	0.3	0.0	2.5	0.0	2.5	0.0	0.0	0.0	1.5	0.0	1.3	0.0
			21	0.0	0.0	-3.3	0.0	-4.0	0.0	0.0	0.0	0.0	0.0	-2.1	0.0	-0.3	0.0
			22	0.0	0.0	-1.4	0.0	-0.6	0.0	0.5	1.0	0.0	0.0	-0.2	0.0	0.5	0.0
			23	0.0	0.0	-1.6	0.0	-0.9	0.0	0.4	1.0	0.0	0.0	-0.4	0.0	0.4	0.0
			24	0.0	0.0	-1.7	0.0	-1.0	0.0	0.4	1.0	0.0	0.0	-0.4	0.0	0.4	0.0
			25	0.0	0.0	-1.4	0.0	-0.5	0.0	0.5	1.0	0.0	0.0	-0.2	0.0	0.5	0.0
	2 (C-D)	2	1	0.0	0.0	-0.6	0.0	0.9	0.0	1.0	.15	0.0	0.0	3.2	0.0	-1.9	0.0
			2	0.0	0.0	0.9	0.0	1.4	0.0	1.4	0.0	0.0	0.0	4.3	0.0	-4.0	0.0
			3	0.0	0.0	-1.9	0.0	0.2	0.0	1.3	.55	0.0	0.0	1.5	0.0	0.5	0.0
			4	0.0	0.0	0.8	0.0	1.4	0.0	1.4	0.0	0.0	0.0	4.2	0.0	-3.9	0.0

5	0.0	0.0	-1.8	0.0	0.2	0.0	1.2	.55	0.0	0.0	1.6	0.0	0.5	0.0
6	0.0	0.0	1.3	0.0	1.6	0.0	1.6	0.0	0.0	0.0	4.7	0.0	-4.6	0.0
7	0.0	0.0	-2.3	0.0	0.0	0.0	1.6	.65	0.0	0.0	1.1	0.0	1.2	0.0
8	0.0	0.0	1.4	0.0	1.6	0.0	1.6	0.0	0.0	0.0	4.7	0.0	-4.8	0.0
9	0.0	0.0	-2.4	0.0	0.0	0.0	1.7	.7	0.0	0.0	1.0	0.0	1.4	0.0
10	0.0	0.0	0.0	0.0	1.0	0.0	1.0	0.0	0.0	0.0	3.4	0.0	-2.5	0.0
11	0.0	0.0	-1.0	0.0	0.6	0.0	0.9	.3	0.0	0.0	2.4	0.0	-0.9	0.0
12	0.0	0.0	-0.8	0.0	0.7	0.0	0.9	.25	0.0	0.0	2.6	0.0	-1.2	0.0
13	0.0	0.0	-0.2	0.0	0.9	0.0	0.9	.05	0.0	0.0	3.2	0.0	-2.2	0.0
14	0.0	0.0	-0.1	0.0	1.0	0.0	1.0	.05	0.0	0.0	3.3	0.0	-2.4	0.0
15	0.0	0.0	-0.9	0.0	0.6	0.0	0.9	.25	0.0	0.0	2.5	0.0	-1.0	0.0
16	0.0	0.0	-1.2	0.0	0.5	0.0	0.9	.35	0.0	0.0	2.2	0.0	-0.6	0.0
17	0.0	0.0	0.2	0.0	1.1	0.0	1.1	0.0	0.0	0.0	3.6	0.0	-2.8	0.0
18	0.0	0.0	1.0	0.0	1.1	0.0	1.1	0.0	0.0	0.0	3.1	0.0	-3.3	0.0
19	0.0	0.0	-1.6	0.0	-0.1	0.0	1.3	.8	0.0	0.0	0.4	0.0	1.2	0.0
20	0.0	0.0	1.5	0.0	1.3	0.0	1.3	0.0	0.0	0.0	3.6	0.0	-4.0	0.0
21	0.0	0.0	-2.1	0.0	-0.3	0.0	2.0	1.0	0.0	0.0	-0.1	0.0	2.0	0.0
22	0.0	0.0	-0.2	0.0	0.5	0.0	0.5	.1	0.0	0.0	1.9	0.0	-1.2	0.0
23	0.0	0.0	-0.4	0.0	0.4	0.0	0.5	.2	0.0	0.0	1.7	0.0	-0.9	0.0
24	0.0	0.0	-0.4	0.0	0.4	0.0	0.5	.2	0.0	0.0	1.6	0.0	-0.8	0.0
25	0.0	0.0	-0.2	0.0	0.5	0.0	0.6	.1	0.0	0.0	1.9	0.0	-1.3	0.0

2 (D-D')

2

1	0.0	0.0	-2.7	0.0	-1.5	0.0	0.5	1.0	0.0	0.0	-1.3	0.0	0.5	0.0
2	0.0	0.0	-1.0	0.0	0.9	0.0	1.3	.75	0.0	0.0	0.3	0.0	1.3	0.0
3	0.0	0.0	-3.9	0.0	-3.6	0.0	0.0	0.0	0.0	0.0	-2.6	0.0	-0.4	0.0
4	0.0	0.0	-1.1	0.0	0.8	0.0	1.3	.8	0.0	0.0	0.3	0.0	1.2	0.0
5	0.0	0.0	-3.9	0.0	-3.5	0.0	0.0	0.0	0.0	0.0	-2.5	0.0	-0.3	0.0
6	0.0	0.0	-0.6	0.0	1.6	0.0	1.7	.45	0.0	0.0	0.8	0.0	1.5	0.0
7	0.0	0.0	-4.4	0.0	-4.3	0.0	0.0	0.0	0.0	0.0	-3.0	0.0	-0.6	0.0
8	0.0	0.0	-0.5	0.0	1.8	0.0	1.8	.35	0.0	0.0	0.9	0.0	1.6	0.0
9	0.0	0.0	-4.5	0.0	-4.5	0.0	0.0	0.0	0.0	0.0	-3.1	0.0	-0.7	0.0
10	0.0	0.0	-1.9	0.0	-0.5	0.0	0.7	1.0	0.0	0.0	-0.6	0.0	0.7	0.0
11	0.0	0.0	-3.0	0.0	-2.2	0.0	0.1	1.0	0.0	0.0	-1.7	0.0	0.1	0.0
12	0.0	0.0	-2.8	0.0	-1.9	0.0	0.3	1.0	0.0	0.0	-1.5	0.0	0.3	0.0
13	0.0	0.0	-2.1	0.0	-0.8	0.0	0.6	1.0	0.0	0.0	-0.8	0.0	0.6	0.0
14	0.0	0.0	-2.0	0.0	-0.7	0.0	0.7	1.0	0.0	0.0	-0.7	0.0	0.7	0.0
15	0.0	0.0	-2.9	0.0	-2.0	0.0	0.2	1.0	0.0	0.0	-1.6	0.0	0.2	0.0
16	0.0	0.0	-3.2	0.0	-2.5	0.0	0.0	1.0	0.0	0.0	-1.9	0.0	0.0	0.0
17	0.0	0.0	-1.7	0.0	-0.2	0.0	0.9	1.0	0.0	0.0	-0.4	0.0	0.9	0.0
18	0.0	0.0	-0.1	0.0	1.4	0.0	1.4	.1	0.0	0.0	0.8	0.0	1.1	0.0
19	0.0	0.0	-3.0	0.0	-3.1	0.0	0.0	0.0	0.0	0.0	-2.1	0.0	-0.5	0.0
20	0.0	0.0	0.4	0.0	2.2	0.0	2.2	0.0	0.0	0.0	1.3	0.0	1.4	0.0
21	0.0	0.0	-3.5	0.0	-3.9	0.0	0.0	0.0	0.0	0.0	-2.6	0.0	-0.8	0.0
22	0.0	0.0	-1.4	0.0	-0.7	0.0	0.3	1.0	0.0	0.0	-0.6	0.0	0.3	0.0
23	0.0	0.0	-1.6	0.0	-1.0	0.0	0.2	1.0	0.0	0.0	-0.8	0.0	0.2	0.0
24	0.0	0.0	-1.7	0.0	-1.1	0.0	0.2	1.0	0.0	0.0	-0.8	0.0	0.2	0.0

		25	0.0	0.0	-1.4	0.0	-0.6	0.0	0.4	1.0	0.0	0.0	-0.5	0.0	0.4	0.0
2 (D'-E)	2	1	0.0	0.0	-1.3	0.0	0.5	0.0	0.8	.25	0.0	0.0	3.6	0.0	-2.0	0.0
		2	0.0	0.0	0.3	0.0	1.3	0.0	1.3	0.0	0.0	0.0	4.7	0.0	-4.0	0.0
		3	0.0	0.0	-2.6	0.0	-0.4	0.0	1.3	.6	0.0	0.0	1.7	0.0	0.5	0.0
		4	0.0	0.0	0.3	0.0	1.2	0.0	1.2	0.0	0.0	0.0	4.6	0.0	-3.9	0.0
		5	0.0	0.0	-2.5	0.0	-0.3	0.0	1.2	.6	0.0	0.0	1.8	0.0	0.4	0.0
		6	0.0	0.0	0.8	0.0	1.5	0.0	1.5	0.0	0.0	0.0	5.1	0.0	-4.7	0.0
		7	0.0	0.0	-3.0	0.0	-0.6	0.0	1.6	.7	0.0	0.0	1.3	0.0	1.2	0.0
		8	0.0	0.0	0.9	0.0	1.6	0.0	1.6	0.0	0.0	0.0	5.2	0.0	-4.8	0.0
		9	0.0	0.0	-3.1	0.0	-0.7	0.0	1.7	.7	0.0	0.0	1.2	0.0	1.4	0.0
		10	0.0	0.0	-0.6	0.0	0.7	0.0	0.8	.15	0.0	0.0	3.7	0.0	-2.6	0.0
		11	0.0	0.0	-1.7	0.0	0.1	0.0	0.8	.4	0.0	0.0	2.7	0.0	-0.9	0.0
		12	0.0	0.0	-1.5	0.0	0.3	0.0	0.8	.35	0.0	0.0	2.9	0.0	-1.2	0.0
		13	0.0	0.0	-0.8	0.0	0.6	0.0	0.8	.2	0.0	0.0	3.5	0.0	-2.3	0.0
		14	0.0	0.0	-0.7	0.0	0.7	0.0	0.8	.15	0.0	0.0	3.6	0.0	-2.4	0.0
		15	0.0	0.0	-1.6	0.0	0.2	0.0	0.8	.35	0.0	0.0	2.8	0.0	-1.1	0.0
		16	0.0	0.0	-1.9	0.0	0.0	0.0	0.9	.45	0.0	0.0	2.5	0.0	-0.6	0.0
		17	0.0	0.0	-0.4	0.0	0.9	0.0	0.9	.1	0.0	0.0	3.9	0.0	-2.9	0.0
		18	0.0	0.0	0.8	0.0	1.1	0.0	1.1	0.0	0.0	0.0	3.4	0.0	-3.3	0.0
		19	0.0	0.0	-2.1	0.0	-0.5	0.0	1.3	.8	0.0	0.0	0.5	0.0	1.2	0.0
		20	0.0	0.0	1.3	0.0	1.4	0.0	1.4	0.0	0.0	0.0	3.9	0.0	-4.1	0.0
		21	0.0	0.0	-2.6	0.0	-0.8	0.0	2.0	1.0	0.0	0.0	0.0	0.0	2.0	0.0
		22	0.0	0.0	-0.6	0.0	0.3	0.0	0.5	.2	0.0	0.0	2.0	0.0	-1.2	0.0
		23	0.0	0.0	-0.8	0.0	0.2	0.0	0.5	.3	0.0	0.0	1.8	0.0	-0.9	0.0
		24	0.0	0.0	-0.8	0.0	0.2	0.0	0.5	.3	0.0	0.0	1.8	0.0	-0.8	0.0
		25	0.0	0.0	-0.5	0.0	0.4	0.0	0.5	.2	0.0	0.0	2.1	0.0	-1.3	0.0
2 (E-F)	2	1	6.0	-0.5	-4.0	0.0	-2.3	0.0	0.0	0.0	6.0	-0.5	-4.0	0.0	-1.7	0.1
		2	4.9	-0.2	-2.1	0.0	0.3	0.0	0.6	1.0	4.9	-0.2	-2.1	0.0	0.6	0.0
		3	5.5	-0.7	-5.1	0.0	-4.3	0.0	0.0	0.0	5.5	-0.7	-5.0	0.0	-3.6	0.1
		4	5.2	-0.2	-2.2	0.0	0.2	0.0	0.5	1.0	5.2	-0.2	-2.1	0.0	0.5	0.0
		5	5.2	-0.7	-5.0	0.0	-4.2	0.0	0.0	0.0	5.2	-0.7	-5.0	0.0	-3.5	0.1
		6	3.1	0.6	-1.7	0.0	0.9	0.1	1.2	1.0	3.1	0.6	-1.6	0.0	1.2	0.0
		7	7.3	-1.4	-5.5	0.0	-5.0	-0.1	0.0	0.0	7.3	-1.4	-5.5	0.0	-4.2	0.1
		8	5.0	-0.1	-1.6	0.0	1.1	0.0	1.3	1.0	5.0	-0.1	-1.5	0.0	1.3	0.0
		9	5.4	-0.8	-5.6	0.0	-5.1	0.0	0.0	0.0	5.4	-0.8	-5.5	0.0	-4.3	0.1
		10	4.6	-0.3	-3.1	0.0	-1.2	0.0	0.0	0.0	4.6	-0.3	-3.0	0.0	-0.7	0.0
		11	5.8	-0.6	-4.1	0.0	-2.9	0.0	0.0	0.0	5.8	-0.6	-4.1	0.0	-2.2	0.1
		12	4.7	-0.4	-3.9	0.0	-2.5	0.0	0.0	0.0	4.7	-0.4	-3.9	0.0	-2.0	0.0
		13	5.7	-0.4	-3.3	0.0	-1.5	0.0	0.0	0.0	5.7	-0.4	-3.2	0.0	-1.0	0.1
		14	1.7	0.8	-3.1	0.0	-1.4	0.1	0.0	0.0	1.7	0.8	-3.1	0.0	-0.9	-0.1
		15	8.7	-1.7	-4.0	0.0	-2.7	-0.1	0.0	0.0	8.7	-1.7	-4.0	0.0	-2.1	0.2
		16	2.4	0.4	-4.3	0.0	-3.2	0.0	0.0	0.0	2.4	0.4	-4.3	0.0	-2.5	0.0
		17	8.0	-1.3	-2.9	0.0	-0.9	-0.1	0.0	0.0	8.0	-1.3	-2.8	0.0	-0.5	0.1
		18	2.8	0.0	-0.7	0.0	1.0	0.0	1.1	1.0	2.8	0.0	-0.7	0.0	1.1	0.0

19	3.1	-0.5	-3.6	0.0	-3.5	0.0	0.0	0.0	3.1	-0.5	-3.6	0.0	-2.9	0.0
20	1.8	0.4	-0.2	0.0	1.8	0.0	1.8	1.0	1.8	0.4	-0.2	0.0	1.8	0.0
21	4.1	-0.9	-4.1	0.0	-4.3	-0.1	0.0	0.0	4.1	-0.9	-4.1	0.0	-3.7	0.1
22	2.4	-0.2	-2.1	0.0	-1.1	0.0	0.0	0.0	2.4	-0.2	-2.0	0.0	-0.8	0.0
23	3.5	-0.3	-2.3	0.0	-1.4	0.0	0.0	0.0	3.5	-0.3	-2.2	0.0	-1.0	0.0
24	-0.2	0.8	-2.3	0.0	-1.5	0.1	0.0	0.0	-0.2	0.8	-2.3	0.0	-1.1	-0.1
25	6.1	-1.3	-2.0	0.0	-1.0	-0.1	0.0	0.0	6.1	-1.3	-2.0	0.0	-0.7	0.1

2 (F-F')	2	1	0.0	0.0	-4.0	0.0	-1.7	0.0	1.2	.65	0.0	0.0	2.1	0.0	0.4	0.0
		2	0.0	0.0	-2.1	0.0	0.6	0.0	1.5	.4	0.0	0.0	3.4	0.0	-0.9	0.0
		3	0.0	0.0	-5.0	0.0	-3.6	0.0	1.7	.9	0.0	0.0	0.4	0.0	1.6	0.0
		4	0.0	0.0	-2.1	0.0	0.5	0.0	1.4	.4	0.0	0.0	3.3	0.0	-0.9	0.0
		5	0.0	0.0	-5.0	0.0	-3.5	0.0	1.6	.9	0.0	0.0	0.5	0.0	1.6	0.0
		6	0.0	0.0	-1.6	0.0	1.2	0.0	1.7	.3	0.0	0.0	3.8	0.0	-1.3	0.0
		7	0.0	0.0	-5.5	0.0	-4.2	0.0	2.0	1.0	0.0	0.0	0.0	0.0	2.0	0.0
		8	0.0	0.0	-1.5	0.0	1.3	0.0	1.8	.3	0.0	0.0	3.9	0.0	-1.4	0.0
		9	0.0	0.0	-5.5	0.0	-4.3	0.0	2.1	1.0	0.0	0.0	-0.1	0.0	2.1	0.0
		10	0.0	0.0	-3.0	0.0	-0.7	0.0	1.1	.55	0.0	0.0	2.4	0.0	-0.1	0.0
		11	0.0	0.0	-4.1	0.0	-2.2	0.0	1.2	.75	0.0	0.0	1.4	0.0	0.8	0.0
		12	0.0	0.0	-3.9	0.0	-2.0	0.0	1.2	.7	0.0	0.0	1.6	0.0	0.6	0.0
		13	0.0	0.0	-3.2	0.0	-1.0	0.0	1.1	.6	0.0	0.0	2.2	0.0	0.1	0.0
		14	0.0	0.0	-3.1	0.0	-0.9	0.0	1.1	.55	0.0	0.0	2.4	0.0	0.0	0.0
		15	0.0	0.0	-4.0	0.0	-2.1	0.0	1.2	.75	0.0	0.0	1.5	0.0	0.7	0.0
		16	0.0	0.0	-4.3	0.0	-2.5	0.0	1.3	.8	0.0	0.0	1.2	0.0	1.0	0.0
		17	0.0	0.0	-2.8	0.0	-0.5	0.0	1.2	.5	0.0	0.0	2.6	0.0	-0.3	0.0
		18	0.0	0.0	-0.7	0.0	1.1	0.0	1.3	.2	0.0	0.0	2.6	0.0	-1.0	0.0
		19	0.0	0.0	-3.6	0.0	-2.9	0.0	1.5	1.0	0.0	0.0	-0.3	0.0	1.5	0.0
		20	0.0	0.0	-0.2	0.0	1.8	0.0	1.9	.05	0.0	0.0	3.1	0.0	-1.5	0.0
		21	0.0	0.0	-4.1	0.0	-3.7	0.0	1.9	1.0	0.0	0.0	-0.8	0.0	1.9	0.0
		22	0.0	0.0	-2.0	0.0	-0.8	0.0	0.7	.6	0.0	0.0	1.2	0.0	0.1	0.0
		23	0.0	0.0	-2.2	0.0	-1.0	0.0	0.7	.7	0.0	0.0	1.0	0.0	0.3	0.0
		24	0.0	0.0	-2.3	0.0	-1.1	0.0	0.7	.7	0.0	0.0	1.0	0.0	0.3	0.0
		25	0.0	0.0	-2.0	0.0	-0.7	0.0	0.7	.6	0.0	0.0	1.3	0.0	0.1	0.0

2 (F'-G)	2	1	0.0	0.0	2.1	0.0	0.4	0.0	0.4	0.0	0.0	0.0	3.2	0.0	-1.4	0.0
		2	0.0	0.0	3.4	0.0	-0.9	0.0	0.0	0.0	0.0	0.0	4.3	0.0	-3.6	0.0
		3	0.0	0.0	0.4	0.0	1.6	0.0	1.6	0.0	0.0	0.0	1.4	0.0	1.0	0.0
		4	0.0	0.0	3.3	0.0	-0.9	0.0	0.0	0.0	0.0	0.0	4.3	0.0	-3.5	0.0
		5	0.0	0.0	0.5	0.0	1.6	0.0	1.6	0.0	0.0	0.0	1.4	0.0	0.9	0.0
		6	0.0	0.0	3.8	0.0	-1.3	0.0	0.0	0.0	0.0	0.0	4.8	0.0	-4.3	0.0
		7	0.0	0.0	0.0	0.0	2.0	0.0	2.0	0.0	0.0	0.0	0.9	0.0	1.7	0.0
		8	0.0	0.0	3.9	0.0	-1.4	0.0	0.0	0.0	0.0	0.0	4.8	0.0	-4.4	0.0
		9	0.0	0.0	-0.1	0.0	2.1	0.0	2.1	.1	0.0	0.0	0.8	0.0	1.8	0.0
		10	0.0	0.0	2.4	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	3.4	0.0	-2.1	0.0
		11	0.0	0.0	1.4	0.0	0.8	0.0	0.8	0.0	0.0	0.0	2.3	0.0	-0.4	0.0
		12	0.0	0.0	1.6	0.0	0.6	0.0	0.6	0.0	0.0	0.0	2.5	0.0	-0.8	0.0

		13	0.0	0.0	2.2	0.0	0.1	0.0	0.1	0.0	0.0	0.0	3.2	0.0	-1.8	0.0
		14	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	-2.0	0.0
		15	0.0	0.0	1.5	0.0	0.7	0.0	0.7	0.0	0.0	0.0	2.4	0.0	-0.6	0.0
		16	0.0	0.0	1.2	0.0	1.0	0.0	1.0	0.0	0.0	0.0	2.1	0.0	-0.1	0.0
		17	0.0	0.0	2.6	0.0	-0.3	0.0	0.0	0.0	0.0	0.0	3.6	0.0	-2.4	0.0
		18	0.0	0.0	2.6	0.0	-1.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	-3.0	0.0
		19	0.0	0.0	-0.3	0.0	1.5	0.0	1.5	.5	0.0	0.0	0.3	0.0	1.5	0.0
		20	0.0	0.0	3.1	0.0	-1.5	0.0	0.0	0.0	0.0	0.0	3.7	0.0	-3.8	0.0
		21	0.0	0.0	-0.8	0.0	1.9	0.0	2.3	1.0	0.0	0.0	-0.2	0.0	2.3	0.0
		22	0.0	0.0	1.2	0.0	0.1	0.0	0.1	0.0	0.0	0.0	1.8	0.0	-0.9	0.0
		23	0.0	0.0	1.0	0.0	0.3	0.0	0.3	0.0	0.0	0.0	1.6	0.0	-0.6	0.0
		24	0.0	0.0	1.0	0.0	0.3	0.0	0.3	0.0	0.0	0.0	1.6	0.0	-0.5	0.0
		25	0.0	0.0	1.3	0.0	0.1	0.0	0.1	0.0	0.0	0.0	1.9	0.0	-1.0	0.0
2 (G-H)	2	1	0.0	0.0	-3.1	0.0	-2.2	0.0	0.8	.55	0.0	0.0	2.5	0.0	-1.2	0.0
		2	0.0	0.0	-1.4	0.0	0.3	0.0	1.0	.3	0.0	0.0	3.7	0.0	-3.5	0.0
		3	0.0	0.0	-4.2	0.0	-4.2	0.0	1.7	.8	0.0	0.0	0.9	0.0	1.4	0.0
		4	0.0	0.0	-1.5	0.0	0.2	0.0	0.9	.3	0.0	0.0	3.6	0.0	-3.4	0.0
		5	0.0	0.0	-4.1	0.0	-4.2	0.0	1.6	.8	0.0	0.0	1.0	0.0	1.3	0.0
		6	0.0	0.0	-1.0	0.0	1.0	0.0	1.3	.2	0.0	0.0	4.1	0.0	-4.3	0.0
		7	0.0	0.0	-4.6	0.0	-4.9	0.0	2.2	.9	0.0	0.0	0.5	0.0	2.1	0.0
		8	0.0	0.0	-0.9	0.0	1.1	0.0	1.4	.2	0.0	0.0	4.1	0.0	-4.4	0.0
		9	0.0	0.0	-4.7	0.0	-5.1	0.0	2.3	.9	0.0	0.0	0.4	0.0	2.3	0.0
		10	0.0	0.0	-2.3	0.0	-1.2	0.0	0.6	.45	0.0	0.0	2.8	0.0	-2.0	0.0
		11	0.0	0.0	-3.3	0.0	-2.8	0.0	0.9	.65	0.0	0.0	1.8	0.0	-0.2	0.0
		12	0.0	0.0	-3.1	0.0	-2.5	0.0	0.8	.6	0.0	0.0	2.0	0.0	-0.5	0.0
		13	0.0	0.0	-2.5	0.0	-1.5	0.0	0.6	.5	0.0	0.0	2.6	0.0	-1.6	0.0
		14	0.0	0.0	-2.4	0.0	-1.3	0.0	0.6	.45	0.0	0.0	2.7	0.0	-1.8	0.0
		15	0.0	0.0	-3.2	0.0	-2.7	0.0	0.8	.65	0.0	0.0	1.9	0.0	-0.3	0.0
		16	0.0	0.0	-3.5	0.0	-3.1	0.0	1.0	.7	0.0	0.0	1.6	0.0	0.1	0.0
		17	0.0	0.0	-2.1	0.0	-0.9	0.0	0.7	.4	0.0	0.0	3.0	0.0	-2.3	0.0
		18	0.0	0.0	-0.4	0.0	1.0	0.0	1.1	.1	0.0	0.0	2.7	0.0	-3.1	0.0
		19	0.0	0.0	-3.1	0.0	-3.4	0.0	1.7	1.0	0.0	0.0	0.1	0.0	1.7	0.0
		20	0.0	0.0	0.1	0.0	1.8	0.0	1.8	0.0	0.0	0.0	3.2	0.0	-3.9	0.0
		21	0.0	0.0	-3.5	0.0	-4.2	0.0	2.6	1.0	0.0	0.0	-0.4	0.0	2.6	0.0
		22	0.0	0.0	-1.6	0.0	-1.1	0.0	0.4	.5	0.0	0.0	1.5	0.0	-0.8	0.0
		23	0.0	0.0	-1.8	0.0	-1.4	0.0	0.4	.6	0.0	0.0	1.3	0.0	-0.5	0.0
		24	0.0	0.0	-1.9	0.0	-1.4	0.0	0.5	.6	0.0	0.0	1.3	0.0	-0.4	0.0
		25	0.0	0.0	-1.6	0.0	-1.0	0.0	0.4	.5	0.0	0.0	1.5	0.0	-0.9	0.0
3 (A-B)	2	1	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	.35	0.0	0.0	0.4	0.0	-0.1	0.0
		2	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	.35	0.0	0.0	0.3	0.0	-0.1	0.0
		3	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	.35	0.0	0.0	0.3	0.0	-0.1	0.0
		4	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	.4	0.0	0.0	0.3	0.0	-0.1	0.0
		5	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	.35	0.0	0.0	0.3	0.0	-0.1	0.0
		6	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	.35	0.0	0.0	0.3	0.0	-0.1	0.0



7	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	.4	0.0	0.0	0.3	0.0	-0.1	0.0
8	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	.35	0.0	0.0	0.3	0.0	-0.1	0.0
9	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	.35	0.0	0.0	0.3	0.0	-0.1	0.0
10	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	.35	0.0	0.0	0.4	0.0	-0.1	0.0
11	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	.4	0.0	0.0	0.3	0.0	-0.1	0.0
12	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	.35	0.0	0.0	0.4	0.0	-0.1	0.0
13	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	.4	0.0	0.0	0.3	0.0	-0.1	0.0
14	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	.35	0.0	0.0	0.4	0.0	-0.1	0.0
15	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	.4	0.0	0.0	0.3	0.0	-0.1	0.0
16	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	.35	0.0	0.0	0.3	0.0	-0.1	0.0
17	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	.4	0.0	0.0	0.3	0.0	-0.1	0.0
18	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	.35	0.0	0.0	0.2	0.0	-0.1	0.0
19	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	.35	0.0	0.0	0.2	0.0	-0.1	0.0
20	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	.35	0.0	0.0	0.2	0.0	-0.1	0.0
21	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	.35	0.0	0.0	0.2	0.0	-0.1	0.0
22	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	.3	0.0	0.0	0.2	0.0	-0.1	0.0
23	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	.4	0.0	0.0	0.2	0.0	0.0	0.0
24	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	.35	0.0	0.0	0.2	0.0	-0.1	0.0
25	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	.4	0.0	0.0	0.2	0.0	0.0	0.0

3 (E-F)

2

1	0.6	-0.2	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	-0.2	0.0	0.0	0.0	0.0
2	0.3	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	-0.1	0.0	0.0	0.0	0.0
3	0.7	-0.2	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.7	-0.2	0.0	0.0	0.0	0.1
4	0.4	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.4	-0.1	0.0	0.0	0.0	0.0
5	0.6	-0.2	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	-0.2	0.0	0.0	0.0	0.0
6	0.1	0.2	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0
7	0.9	-0.5	-0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.9	-0.5	0.0	0.0	0.0	0.1
8	0.3	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0
9	0.7	-0.3	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.7	-0.3	0.0	0.0	0.0	0.1
10	0.4	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.4	-0.1	0.0	0.0	0.0	0.0
11	0.6	-0.2	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	-0.2	0.0	0.0	0.0	0.0
12	0.5	-0.2	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.5	-0.2	0.0	0.0	0.0	0.0
13	0.5	-0.2	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.5	-0.2	0.0	0.0	0.0	0.0
14	0.0	0.3	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0
15	1.0	-0.6	-0.1	0.0	0.0	-0.1	0.0	0.0	0.0	1.0	-0.6	0.0	0.0	0.0	0.1
16	0.2	0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0
17	0.8	-0.4	-0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.8	-0.4	0.0	0.0	0.0	0.1
18	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
19	0.4	-0.2	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.4	-0.2	0.0	0.0	0.0	0.0
20	0.0	0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
21	0.6	-0.3	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	-0.3	0.0	0.0	0.0	0.1
22	0.2	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.1	0.0	0.0	0.0	0.0
23	0.4	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.4	-0.1	0.0	0.0	0.0	0.0
24	-0.1	0.3	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.3	0.0	0.0	0.0	0.0
25	0.7	-0.4	-0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.7	-0.4	0.0	0.0	0.0	0.1



		21	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	-1.5	0.0	
		22	0.0	0.0	1.2	0.1	0.0	0.0	0.0	0.0	0.0	1.8	0.1	-1.5	0.0	
		23	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	-1.5	0.0	
		24	0.0	0.0	1.2	0.1	0.0	0.0	0.0	0.0	0.0	1.8	0.1	-1.5	0.0	
		25	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	-1.5	0.0	
4 (B-C)	2	1	0.0	0.0	-5.3	0.0	-3.1	0.0	1.4	1.0	0.0	0.0	-1.3	0.0	1.4	0.0
		2	0.0	0.0	-3.3	0.0	-0.2	0.0	1.9	.95	0.0	0.0	0.2	0.0	1.9	0.0
		3	0.0	0.0	-6.2	0.0	-5.3	0.0	0.6	1.0	0.0	0.0	-2.6	0.0	0.6	0.0
		4	0.0	0.0	-3.4	0.0	-0.3	0.0	1.9	.95	0.0	0.0	0.2	0.0	1.9	0.0
		5	0.0	0.0	-6.1	0.0	-5.2	0.0	0.6	1.0	0.0	0.0	-2.6	0.0	0.6	0.0
		6	0.0	0.0	-3.0	0.0	0.4	0.0	2.1	.85	0.0	0.0	0.6	0.0	2.0	0.0
		7	0.0	0.0	-6.5	0.0	-5.9	0.0	0.5	1.0	0.0	0.0	-2.9	0.0	0.5	0.0
		8	0.0	0.0	-2.9	0.0	0.5	0.0	2.1	.85	0.0	0.0	0.6	0.0	2.1	0.0
		9	0.0	0.0	-6.6	0.0	-6.0	0.0	0.4	1.0	0.0	0.0	-3.0	0.0	0.4	0.0
		10	0.0	0.0	-4.3	0.0	-1.9	0.0	1.5	1.0	0.0	0.0	-0.7	0.0	1.5	0.0
		11	0.0	0.0	-5.2	0.0	-3.6	0.0	1.0	1.0	0.0	0.0	-1.7	0.0	1.0	0.0
		12	0.0	0.0	-5.1	0.0	-3.4	0.0	1.1	1.0	0.0	0.0	-1.5	0.0	1.1	0.0
		13	0.0	0.0	-4.4	0.0	-2.1	0.0	1.4	1.0	0.0	0.0	-0.8	0.0	1.4	0.0
		14	0.0	0.0	-4.3	0.0	-2.0	0.0	1.4	1.0	0.0	0.0	-0.8	0.0	1.4	0.0
		15	0.0	0.0	-5.2	0.0	-3.5	0.0	1.1	1.0	0.0	0.0	-1.6	0.0	1.1	0.0
		16	0.0	0.0	-5.4	0.0	-3.9	0.0	1.0	1.0	0.0	0.0	-1.8	0.0	1.0	0.0
		17	0.0	0.0	-4.1	0.0	-1.6	0.0	1.5	1.0	0.0	0.0	-0.6	0.0	1.5	0.0
		18	0.0	0.0	-1.4	0.0	0.9	0.0	1.5	.7	0.0	0.0	0.7	0.0	1.4	0.0
		19	0.0	0.0	-4.3	0.0	-4.2	0.0	0.1	1.0	0.0	0.0	-2.1	0.0	0.1	0.0
		20	0.0	0.0	-1.1	0.0	1.5	0.0	1.9	.5	0.0	0.0	1.1	0.0	1.5	0.0
		21	0.0	0.0	-4.6	0.0	-4.9	0.0	0.0	0.0	0.0	0.0	-2.5	0.0	-0.1	0.0
		22	0.0	0.0	-2.8	0.0	-1.5	0.0	0.8	1.0	0.0	0.0	-0.7	0.0	0.8	0.0
		23	0.0	0.0	-2.9	0.0	-1.8	0.0	0.7	1.0	0.0	0.0	-0.8	0.0	0.7	0.0
		24	0.0	0.0	-3.0	0.0	-1.9	0.0	0.7	1.0	0.0	0.0	-0.8	0.0	0.7	0.0
		25	0.0	0.0	-2.7	0.0	-1.5	0.0	0.8	1.0	0.0	0.0	-0.6	0.0	0.8	0.0
4 (C-D)	2	1	0.0	0.0	-1.3	0.0	1.4	0.0	1.7	.2	0.0	0.0	5.5	0.0	-3.0	0.0
		2	0.0	0.0	0.2	0.0	1.9	0.0	1.9	0.0	0.0	0.0	6.4	0.0	-5.0	0.0
		3	0.0	0.0	-2.6	0.0	0.6	0.0	1.8	.45	0.0	0.0	3.5	0.0	-0.3	0.0
		4	0.0	0.0	0.2	0.0	1.9	0.0	1.9	0.0	0.0	0.0	6.3	0.0	-5.0	0.0
		5	0.0	0.0	-2.6	0.0	0.6	0.0	1.8	.4	0.0	0.0	3.5	0.0	-0.4	0.0
		6	0.0	0.0	0.6	0.0	2.0	0.0	2.0	0.0	0.0	0.0	6.7	0.0	-5.6	0.0
		7	0.0	0.0	-2.9	0.0	0.5	0.0	1.9	.5	0.0	0.0	3.2	0.0	0.2	0.0
		8	0.0	0.0	0.6	0.0	2.1	0.0	2.1	0.0	0.0	0.0	6.7	0.0	-5.7	0.0
		9	0.0	0.0	-3.0	0.0	0.4	0.0	2.0	.5	0.0	0.0	3.1	0.0	0.3	0.0
		10	0.0	0.0	-0.7	0.0	1.5	0.0	1.6	.1	0.0	0.0	5.4	0.0	-3.5	0.0
		11	0.0	0.0	-1.7	0.0	1.0	0.0	1.5	.3	0.0	0.0	4.4	0.0	-1.9	0.0
		12	0.0	0.0	-1.5	0.0	1.1	0.0	1.5	.25	0.0	0.0	4.6	0.0	-2.1	0.0
		13	0.0	0.0	-0.8	0.0	1.4	0.0	1.5	.15	0.0	0.0	5.3	0.0	-3.3	0.0
		14	0.0	0.0	-0.8	0.0	1.4	0.0	1.5	.15	0.0	0.0	5.4	0.0	-3.4	0.0

		15	0.0	0.0	-1.6	0.0	1.1	0.0	1.5	.25	0.0	0.0	4.5	0.0	-2.0	0.0	
		16	0.0	0.0	-1.8	0.0	1.0	0.0	1.5	.3	0.0	0.0	4.3	0.0	-1.6	0.0	
		17	0.0	0.0	-0.6	0.0	1.5	0.0	1.6	.1	0.0	0.0	5.6	0.0	-3.7	0.0	
		18	0.0	0.0	0.7	0.0	1.4	0.0	1.4	0.0	0.0	0.0	4.3	0.0	-3.9	0.0	
		19	0.0	0.0	-2.1	0.0	0.1	0.0	1.4	.6	0.0	0.0	1.5	0.0	0.7	0.0	
		20	0.0	0.0	1.1	0.0	1.5	0.0	1.5	0.0	0.0	0.0	4.7	0.0	-4.5	0.0	
		21	0.0	0.0	-2.5	0.0	-0.1	0.0	1.7	.7	0.0	0.0	1.2	0.0	1.3	0.0	
		22	0.0	0.0	-0.7	0.0	0.8	0.0	0.9	.2	0.0	0.0	3.0	0.0	-1.7	0.0	
		23	0.0	0.0	-0.8	0.0	0.7	0.0	0.9	.2	0.0	0.0	2.9	0.0	-1.5	0.0	
		24	0.0	0.0	-0.8	0.0	0.7	0.0	0.9	.25	0.0	0.0	2.8	0.0	-1.4	0.0	
		25	0.0	0.0	-0.6	0.0	0.8	0.0	0.9	.15	0.0	0.0	3.0	0.0	-1.8	0.0	
	4 (D-D')	2	1	0.0	0.0	-3.2	0.0	-1.9	0.0	0.4	1.0	0.0	0.0	-1.6	0.0	0.4	0.0
			2	0.0	0.0	-1.3	0.0	0.7	0.0	1.2	.9	0.0	0.0	0.2	0.0	1.2	0.0
			3	0.0	0.0	-4.4	0.0	-4.1	0.0	0.0	0.0	0.0	0.0	-2.9	0.0	-0.5	0.0
			4	0.0	0.0	-1.4	0.0	0.6	0.0	1.2	.95	0.0	0.0	0.1	0.0	1.2	0.0
			5	0.0	0.0	-4.3	0.0	-4.0	0.0	0.0	0.0	0.0	0.0	-2.9	0.0	-0.5	0.0
			6	0.0	0.0	-1.0	0.0	1.2	0.0	1.5	.65	0.0	0.0	0.5	0.0	1.4	0.0
			7	0.0	0.0	-4.7	0.0	-4.7	0.0	0.0	0.0	0.0	0.0	-3.3	0.0	-0.7	0.0
			8	0.0	0.0	-0.9	0.0	1.3	0.0	1.6	.6	0.0	0.0	0.6	0.0	1.5	0.0
			9	0.0	0.0	-4.8	0.0	-4.8	0.0	0.0	0.0	0.0	0.0	-3.3	0.0	-0.7	0.0
			10	0.0	0.0	-2.3	0.0	-0.9	0.0	0.7	1.0	0.0	0.0	-0.8	0.0	0.7	0.0
			11	0.0	0.0	-3.4	0.0	-2.6	0.0	0.1	1.0	0.0	0.0	-1.9	0.0	0.1	0.0
			12	0.0	0.0	-3.2	0.0	-2.3	0.0	0.2	1.0	0.0	0.0	-1.8	0.0	0.2	0.0
			13	0.0	0.0	-2.5	0.0	-1.2	0.0	0.6	1.0	0.0	0.0	-1.0	0.0	0.6	0.0
			14	0.0	0.0	-2.4	0.0	-1.0	0.0	0.6	1.0	0.0	0.0	-0.9	0.0	0.6	0.0
			15	0.0	0.0	-3.3	0.0	-2.5	0.0	0.1	1.0	0.0	0.0	-1.9	0.0	0.1	0.0
			16	0.0	0.0	-3.5	0.0	-2.8	0.0	0.0	0.0	0.0	0.0	-2.1	0.0	0.0	0.0
			17	0.0	0.0	-2.2	0.0	-0.7	0.0	0.8	1.0	0.0	0.0	-0.7	0.0	0.8	0.0
			18	0.0	0.0	-0.2	0.0	1.3	0.0	1.3	.25	0.0	0.0	0.7	0.0	1.1	0.0
			19	0.0	0.0	-3.2	0.0	-3.4	0.0	0.0	0.0	0.0	0.0	-2.3	0.0	-0.6	0.0
			20	0.0	0.0	0.2	0.0	1.9	0.0	1.9	0.0	0.0	0.0	1.1	0.0	1.3	0.0
			21	0.0	0.0	-3.6	0.0	-4.0	0.0	0.0	0.0	0.0	0.0	-2.7	0.0	-0.8	0.0
			22	0.0	0.0	-1.6	0.0	-0.9	0.0	0.3	1.0	0.0	0.0	-0.7	0.0	0.3	0.0
			23	0.0	0.0	-1.8	0.0	-1.2	0.0	0.2	1.0	0.0	0.0	-0.9	0.0	0.2	0.0
			24	0.0	0.0	-1.8	0.0	-1.2	0.0	0.2	1.0	0.0	0.0	-0.9	0.0	0.2	0.0
			25	0.0	0.0	-1.6	0.0	-0.9	0.0	0.3	1.0	0.0	0.0	-0.7	0.0	0.3	0.0
	4 (D'-E)	2	1	0.0	0.0	-1.6	0.0	0.4	0.0	0.9	.3	0.0	0.0	3.8	0.0	-2.0	0.0
			2	0.0	0.0	0.2	0.0	1.2	0.0	1.2	0.0	0.0	0.0	4.9	0.0	-4.2	0.0
			3	0.0	0.0	-2.9	0.0	-0.5	0.0	1.4	.6	0.0	0.0	1.9	0.0	0.6	0.0
			4	0.0	0.0	0.1	0.0	1.2	0.0	1.2	0.0	0.0	0.0	4.9	0.0	-4.1	0.0
			5	0.0	0.0	-2.9	0.0	-0.5	0.0	1.4	.6	0.0	0.0	1.9	0.0	0.5	0.0
			6	0.0	0.0	0.5	0.0	1.4	0.0	1.4	0.0	0.0	0.0	5.3	0.0	-4.7	0.0
			7	0.0	0.0	-3.3	0.0	-0.7	0.0	1.7	.7	0.0	0.0	1.5	0.0	1.2	0.0
			8	0.0	0.0	0.6	0.0	1.5	0.0	1.5	0.0	0.0	0.0	5.4	0.0	-4.8	0.0

9	0.0	0.0	-3.3	0.0	-0.7	0.0	1.7	.7	0.0	0.0	1.5	0.0	1.3	0.0
10	0.0	0.0	-0.8	0.0	0.7	0.0	0.8	.2	0.0	0.0	4.0	0.0	-2.6	0.0
11	0.0	0.0	-1.9	0.0	0.1	0.0	0.9	.4	0.0	0.0	2.9	0.0	-0.9	0.0
12	0.0	0.0	-1.8	0.0	0.2	0.0	0.8	.35	0.0	0.0	3.0	0.0	-1.2	0.0
13	0.0	0.0	-1.0	0.0	0.6	0.0	0.8	.2	0.0	0.0	3.8	0.0	-2.3	0.0
14	0.0	0.0	-0.9	0.0	0.6	0.0	0.8	.2	0.0	0.0	3.9	0.0	-2.5	0.0
15	0.0	0.0	-1.9	0.0	0.1	0.0	0.9	.4	0.0	0.0	2.9	0.0	-1.0	0.0
16	0.0	0.0	-2.1	0.0	0.0	0.0	0.9	.45	0.0	0.0	2.7	0.0	-0.7	0.0
17	0.0	0.0	-0.7	0.0	0.8	0.0	0.9	.15	0.0	0.0	4.1	0.0	-2.8	0.0
18	0.0	0.0	0.7	0.0	1.1	0.0	1.1	0.0	0.0	0.0	3.6	0.0	-3.4	0.0
19	0.0	0.0	-2.3	0.0	-0.6	0.0	1.4	.8	0.0	0.0	0.5	0.0	1.3	0.0
20	0.0	0.0	1.1	0.0	1.3	0.0	1.3	0.0	0.0	0.0	4.0	0.0	-4.0	0.0
21	0.0	0.0	-2.7	0.0	-0.8	0.0	1.9	.95	0.0	0.0	0.1	0.0	1.9	0.0
22	0.0	0.0	-0.7	0.0	0.3	0.0	0.5	.25	0.0	0.0	2.1	0.0	-1.2	0.0
23	0.0	0.0	-0.9	0.0	0.2	0.0	0.5	.3	0.0	0.0	2.0	0.0	-0.9	0.0
24	0.0	0.0	-0.9	0.0	0.2	0.0	0.5	.3	0.0	0.0	1.9	0.0	-0.9	0.0
25	0.0	0.0	-0.7	0.0	0.3	0.0	0.5	.25	0.0	0.0	2.2	0.0	-1.2	0.0

4 (E-F)	2	1	-3.3	-0.5	-4.0	0.0	-2.1	0.0	0.0	0.0	-3.3	-0.5	-4.0	0.0	-1.5	0.1
		2	-3.5	-0.2	-2.1	0.0	0.5	0.0	0.8	1.0	-3.5	-0.2	-2.0	0.0	0.8	0.0
		3	-2.3	-0.7	-5.1	0.0	-4.2	0.0	0.0	0.0	-2.3	-0.7	-5.1	0.0	-3.5	0.1
		4	-3.6	-0.2	-2.1	0.0	0.5	0.0	0.8	1.0	-3.6	-0.2	-2.0	0.0	0.8	0.0
		5	-2.2	-0.7	-5.1	0.0	-4.2	0.0	0.0	0.0	-2.2	-0.7	-5.0	0.0	-3.4	0.1
		6	-2.6	0.6	-1.7	0.0	1.1	0.1	1.3	1.0	-2.6	0.6	-1.7	0.0	1.3	0.0
		7	-3.1	-1.4	-5.5	0.0	-4.8	-0.1	0.0	0.0	-3.1	-1.4	-5.4	0.0	-4.0	0.1
		8	-3.4	-0.1	-1.6	0.0	1.2	0.0	1.4	1.0	-3.4	-0.1	-1.6	0.0	1.4	0.0
		9	-2.3	-0.8	-5.5	0.0	-4.9	0.0	0.0	0.0	-2.3	-0.8	-5.5	0.0	-4.1	0.1
		10	-2.9	-0.3	-3.1	0.0	-1.0	0.0	0.0	0.0	-2.9	-0.3	-3.0	0.0	-0.6	0.0
		11	-2.9	-0.6	-4.1	0.0	-2.7	0.0	0.0	0.0	-2.9	-0.6	-4.1	0.0	-2.1	0.1
		12	-2.5	-0.4	-4.0	0.0	-2.5	0.0	0.0	0.0	-2.5	-0.4	-3.9	0.0	-1.9	0.0
		13	-3.3	-0.4	-3.2	0.0	-1.3	0.0	0.0	0.0	-3.3	-0.4	-3.2	0.0	-0.8	0.1
		14	-1.6	0.8	-3.1	0.0	-1.2	0.1	0.0	0.0	-1.6	0.8	-3.1	0.0	-0.7	-0.1
		15	-4.2	-1.7	-4.0	0.0	-2.6	-0.1	0.0	0.0	-4.2	-1.7	-4.0	0.0	-2.0	0.2
		16	-1.5	0.4	-4.3	0.0	-2.9	0.0	0.0	0.0	-1.5	0.4	-4.2	0.0	-2.3	0.0
		17	-4.3	-1.3	-2.9	0.0	-0.8	-0.1	0.0	0.0	-4.3	-1.3	-2.8	0.0	-0.3	0.1
		18	-2.3	0.0	-0.6	0.0	1.2	0.0	1.3	1.0	-2.3	0.0	-0.6	0.0	1.3	0.0
		19	-1.0	-0.5	-3.7	0.0	-3.5	0.0	0.0	0.0	-1.0	-0.5	-3.6	0.0	-2.9	0.0
		20	-1.8	0.4	-0.2	0.0	1.9	0.0	1.9	1.0	-1.8	0.4	-0.2	0.0	1.9	0.0
		21	-1.5	-0.9	-4.1	0.0	-4.1	-0.1	0.0	0.0	-1.5	-0.9	-4.0	0.0	-3.5	0.1
		22	-1.5	-0.2	-2.1	0.0	-1.0	0.0	0.0	0.0	-1.5	-0.2	-2.1	0.0	-0.7	0.0
		23	-1.8	-0.3	-2.2	0.0	-1.2	0.0	0.0	0.0	-1.8	-0.3	-2.2	0.0	-0.9	0.0
		24	-0.3	0.8	-2.3	0.0	-1.3	0.1	0.0	0.0	-0.3	0.8	-2.2	0.0	-1.0	-0.1
		25	-3.0	-1.3	-2.0	0.0	-0.9	-0.1	0.0	0.0	-3.0	-1.3	-2.0	0.0	-0.6	0.1

4 (F-F')	2	1	0.0	0.0	-4.0	0.0	-1.5	0.0	1.2	.6	0.0	0.0	2.8	0.0	-0.2	0.0
		2	0.0	0.0	-2.0	0.0	0.8	0.0	1.6	.35	0.0	0.0	4.0	0.0	-1.5	0.0

		3	0.0	0.0	-5.1	0.0	-3.5	0.0	1.4	.85	0.0	0.0	1.0	0.0	1.2	0.0
		4	0.0	0.0	-2.0	0.0	0.8	0.0	1.6	.35	0.0	0.0	4.0	0.0	-1.4	0.0
		5	0.0	0.0	-5.0	0.0	-3.4	0.0	1.4	.85	0.0	0.0	1.0	0.0	1.2	0.0
		6	0.0	0.0	-1.7	0.0	1.3	0.0	1.8	.3	0.0	0.0	4.4	0.0	-1.8	0.0
		7	0.0	0.0	-5.4	0.0	-4.0	0.0	1.6	.9	0.0	0.0	0.6	0.0	1.5	0.0
		8	0.0	0.0	-1.6	0.0	1.4	0.0	1.9	.25	0.0	0.0	4.5	0.0	-1.8	0.0
		9	0.0	0.0	-5.5	0.0	-4.1	0.0	1.6	.9	0.0	0.0	0.5	0.0	1.6	0.0
		10	0.0	0.0	-3.0	0.0	-0.6	0.0	1.1	.5	0.0	0.0	3.0	0.0	-0.6	0.0
		11	0.0	0.0	-4.1	0.0	-2.1	0.0	1.1	.65	0.0	0.0	2.0	0.0	0.3	0.0
		12	0.0	0.0	-3.9	0.0	-1.9	0.0	1.0	.65	0.0	0.0	2.1	0.0	0.2	0.0
		13	0.0	0.0	-3.2	0.0	-0.8	0.0	1.1	.5	0.0	0.0	2.9	0.0	-0.5	0.0
		14	0.0	0.0	-3.1	0.0	-0.7	0.0	1.1	.5	0.0	0.0	2.9	0.0	-0.5	0.0
		15	0.0	0.0	-4.0	0.0	-2.0	0.0	1.0	.65	0.0	0.0	2.1	0.0	0.3	0.0
		16	0.0	0.0	-4.2	0.0	-2.3	0.0	1.1	.7	0.0	0.0	1.8	0.0	0.5	0.0
		17	0.0	0.0	-2.8	0.0	-0.3	0.0	1.2	.45	0.0	0.0	3.2	0.0	-0.7	0.0
		18	0.0	0.0	-0.6	0.0	1.3	0.0	1.4	.15	0.0	0.0	3.0	0.0	-1.4	0.0
		19	0.0	0.0	-3.6	0.0	-2.9	0.0	1.2	1.0	0.0	0.0	0.0	0.0	1.2	0.0
		20	0.0	0.0	-0.2	0.0	1.9	0.0	1.9	.05	0.0	0.0	3.4	0.0	-1.7	0.0
		21	0.0	0.0	-4.0	0.0	-3.5	0.0	1.6	1.0	0.0	0.0	-0.4	0.0	1.6	0.0
		22	0.0	0.0	-2.1	0.0	-0.7	0.0	0.6	.55	0.0	0.0	1.6	0.0	-0.1	0.0
		23	0.0	0.0	-2.2	0.0	-0.9	0.0	0.6	.6	0.0	0.0	1.4	0.0	0.0	0.0
		24	0.0	0.0	-2.2	0.0	-1.0	0.0	0.6	.6	0.0	0.0	1.4	0.0	0.0	0.0
		25	0.0	0.0	-2.0	0.0	-0.6	0.0	0.6	.55	0.0	0.0	1.6	0.0	-0.2	0.0
4 (F' -G)	2	1	0.0	0.0	2.8	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	3.9	0.0	-2.5	0.0
		2	0.0	0.0	4.0	0.0	-1.5	0.0	0.0	0.0	0.0	0.0	5.0	0.0	-4.6	0.0
		3	0.0	0.0	1.0	0.0	1.2	0.0	1.2	0.0	0.0	0.0	2.0	0.0	0.2	0.0
		4	0.0	0.0	4.0	0.0	-1.4	0.0	0.0	0.0	0.0	0.0	5.0	0.0	-4.5	0.0
		5	0.0	0.0	1.0	0.0	1.2	0.0	1.2	0.0	0.0	0.0	2.0	0.0	0.1	0.0
		6	0.0	0.0	4.4	0.0	-1.8	0.0	0.0	0.0	0.0	0.0	5.4	0.0	-5.1	0.0
		7	0.0	0.0	0.6	0.0	1.5	0.0	1.5	0.0	0.0	0.0	1.6	0.0	0.7	0.0
		8	0.0	0.0	4.5	0.0	-1.8	0.0	0.0	0.0	0.0	0.0	5.5	0.0	-5.2	0.0
		9	0.0	0.0	0.5	0.0	1.6	0.0	1.6	0.0	0.0	0.0	1.6	0.0	0.8	0.0
		10	0.0	0.0	3.0	0.0	-0.6	0.0	0.0	0.0	0.0	0.0	4.0	0.0	-3.0	0.0
		11	0.0	0.0	2.0	0.0	0.3	0.0	0.3	0.0	0.0	0.0	3.0	0.0	-1.4	0.0
		12	0.0	0.0	2.1	0.0	0.2	0.0	0.2	0.0	0.0	0.0	3.1	0.0	-1.6	0.0
		13	0.0	0.0	2.9	0.0	-0.5	0.0	0.0	0.0	0.0	0.0	3.9	0.0	-2.8	0.0
		14	0.0	0.0	2.9	0.0	-0.5	0.0	0.0	0.0	0.0	0.0	4.0	0.0	-2.9	0.0
		15	0.0	0.0	2.1	0.0	0.3	0.0	0.3	0.0	0.0	0.0	3.1	0.0	-1.5	0.0
		16	0.0	0.0	1.8	0.0	0.5	0.0	0.5	0.0	0.0	0.0	2.8	0.0	-1.1	0.0
		17	0.0	0.0	3.2	0.0	-0.7	0.0	0.0	0.0	0.0	0.0	4.2	0.0	-3.3	0.0
		18	0.0	0.0	3.0	0.0	-1.4	0.0	0.0	0.0	0.0	0.0	3.6	0.0	-3.7	0.0
		19	0.0	0.0	0.0	0.0	1.2	0.0	1.2	.05	0.0	0.0	0.6	0.0	1.0	0.0
		20	0.0	0.0	3.4	0.0	-1.7	0.0	0.0	0.0	0.0	0.0	4.0	0.0	-4.3	0.0
		21	0.0	0.0	-0.4	0.0	1.6	0.0	1.7	.7	0.0	0.0	0.2	0.0	1.7	0.0
		22	0.0	0.0	1.6	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	2.2	0.0	-1.4	0.0

		23	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	-1.2	0.0	
		24	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	-1.1	0.0	
		25	0.0	0.0	1.6	0.0	-0.2	0.0	0.0	0.0	0.0	2.2	0.0	-1.5	0.0	
4 (G-H)	2	1	0.0	0.0	-5.0	0.0	-2.7	0.0	1.5	.5	0.0	0.0	5.2	0.0	-3.1	0.0
		2	0.0	0.0	-3.0	0.0	0.0	0.0	1.7	.35	0.0	0.0	6.1	0.0	-5.3	0.0
		3	0.0	0.0	-5.9	0.0	-4.8	0.0	1.8	.65	0.0	0.0	3.2	0.0	-0.2	0.0
		4	0.0	0.0	-3.1	0.0	-0.1	0.0	1.7	.35	0.0	0.0	6.1	0.0	-5.3	0.0
		5	0.0	0.0	-5.9	0.0	-4.7	0.0	1.8	.65	0.0	0.0	3.3	0.0	-0.3	0.0
		6	0.0	0.0	-2.7	0.0	0.5	0.0	1.9	.3	0.0	0.0	6.4	0.0	-5.9	0.0
		7	0.0	0.0	-6.2	0.0	-5.3	0.0	2.0	.7	0.0	0.0	2.9	0.0	0.4	0.0
		8	0.0	0.0	-2.6	0.0	0.6	0.0	1.9	.3	0.0	0.0	6.5	0.0	-6.0	0.0
		9	0.0	0.0	-6.3	0.0	-5.4	0.0	2.0	.7	0.0	0.0	2.9	0.0	0.5	0.0
		10	0.0	0.0	-4.0	0.0	-1.6	0.0	1.4	.45	0.0	0.0	5.2	0.0	-3.7	0.0
		11	0.0	0.0	-5.0	0.0	-3.2	0.0	1.4	.55	0.0	0.0	4.2	0.0	-1.9	0.0
		12	0.0	0.0	-4.8	0.0	-3.0	0.0	1.4	.55	0.0	0.0	4.3	0.0	-2.1	0.0
		13	0.0	0.0	-4.1	0.0	-1.8	0.0	1.4	.45	0.0	0.0	5.0	0.0	-3.4	0.0
		14	0.0	0.0	-4.0	0.0	-1.7	0.0	1.4	.45	0.0	0.0	5.1	0.0	-3.5	0.0
		15	0.0	0.0	-4.9	0.0	-3.1	0.0	1.4	.55	0.0	0.0	4.2	0.0	-2.0	0.0
		16	0.0	0.0	-5.1	0.0	-3.5	0.0	1.4	.55	0.0	0.0	4.0	0.0	-1.6	0.0
		17	0.0	0.0	-3.8	0.0	-1.4	0.0	1.4	.4	0.0	0.0	5.3	0.0	-3.9	0.0
		18	0.0	0.0	-1.3	0.0	0.9	0.0	1.4	.25	0.0	0.0	4.2	0.0	-4.2	0.0
		19	0.0	0.0	-4.1	0.0	-3.8	0.0	1.5	.75	0.0	0.0	1.4	0.0	0.9	0.0
		20	0.0	0.0	-0.9	0.0	1.5	0.0	1.8	.15	0.0	0.0	4.6	0.0	-4.9	0.0
		21	0.0	0.0	-4.4	0.0	-4.4	0.0	1.8	.8	0.0	0.0	1.0	0.0	1.5	0.0
		22	0.0	0.0	-2.6	0.0	-1.3	0.0	0.8	.45	0.0	0.0	2.9	0.0	-1.8	0.0
		23	0.0	0.0	-2.7	0.0	-1.6	0.0	0.8	.5	0.0	0.0	2.7	0.0	-1.5	0.0
		24	0.0	0.0	-2.8	0.0	-1.6	0.0	0.8	.5	0.0	0.0	2.7	0.0	-1.5	0.0
		25	0.0	0.0	-2.6	0.0	-1.3	0.0	0.8	.45	0.0	0.0	2.9	0.0	-1.9	0.0
4 (H-I)	2	1	0.0	0.0	-3.1	0.0	-2.6	0.0	0.0	0.0	0.0	0.0	-2.1	0.0	0.0	0.0
		2	0.0	0.0	-2.9	0.0	-2.4	0.0	0.0	0.0	0.0	0.0	-1.9	0.0	0.0	0.0
		3	0.0	0.0	-2.9	0.0	-2.4	0.0	0.0	0.0	0.0	0.0	-1.9	0.0	0.0	0.0
		4	0.0	0.0	-2.9	0.0	-2.4	0.0	0.0	0.0	0.0	0.0	-1.9	0.0	0.0	0.0
		5	0.0	0.0	-2.9	0.0	-2.4	0.0	0.0	0.0	0.0	0.0	-1.9	0.0	0.0	0.0
		6	0.0	0.0	-2.9	0.0	-2.4	0.0	0.0	0.0	0.0	0.0	-1.9	0.0	0.0	0.0
		7	0.0	0.0	-2.9	0.0	-2.4	0.0	0.0	0.0	0.0	0.0	-1.9	0.0	0.0	0.0
		8	0.0	0.0	-2.9	0.0	-2.4	0.0	0.0	0.0	0.0	0.0	-1.9	0.0	0.0	0.0
		9	0.0	0.0	-2.9	0.0	-2.4	0.0	0.0	0.0	0.0	0.0	-1.9	0.0	0.0	0.0
		10	0.0	0.0	-2.9	-0.1	-2.4	0.0	0.0	0.0	0.0	0.0	-1.9	-0.1	0.0	0.0
		11	0.0	0.0	-2.9	0.0	-2.4	0.0	0.0	0.0	0.0	0.0	-1.9	0.0	0.0	0.0
		12	0.0	0.0	-2.9	-0.1	-2.4	0.0	0.0	0.0	0.0	0.0	-1.9	-0.1	0.0	0.0
		13	0.0	0.0	-2.9	0.0	-2.4	0.0	0.0	0.0	0.0	0.0	-1.9	0.0	0.0	0.0
		14	0.0	0.0	-2.9	-0.1	-2.4	0.0	0.0	0.0	0.0	0.0	-1.9	-0.1	0.0	0.0
		15	0.0	0.0	-2.9	0.0	-2.4	0.0	0.0	0.0	0.0	0.0	-1.9	0.0	0.0	0.0
		16	0.0	0.0	-2.9	-0.1	-2.4	0.0	0.0	0.0	0.0	0.0	-1.9	-0.1	0.0	0.0

		17	0.0	0.0	-2.9	0.0	-2.4	0.0	0.0	0.0	0.0	-1.9	0.0	0.0	0.0	
		18	0.0	0.0	-1.8	0.0	-1.5	0.0	0.0	0.0	0.0	-1.2	0.0	0.0	0.0	
		19	0.0	0.0	-1.8	0.0	-1.5	0.0	0.0	0.0	0.0	-1.2	0.0	0.0	0.0	
		20	0.0	0.0	-1.8	0.0	-1.5	0.0	0.0	0.0	0.0	-1.2	0.0	0.0	0.0	
		21	0.0	0.0	-1.8	0.0	-1.5	0.0	0.0	0.0	0.0	-1.2	0.0	0.0	0.0	
		22	0.0	0.0	-1.8	-0.1	-1.5	0.0	0.0	0.0	0.0	-1.2	-0.1	0.0	0.0	
		23	0.0	0.0	-1.8	0.0	-1.5	0.0	0.0	0.0	0.0	-1.2	0.0	0.0	0.0	
		24	0.0	0.0	-1.8	-0.1	-1.5	0.0	0.0	0.0	0.0	-1.2	-0.1	0.0	0.0	
		25	0.0	0.0	-1.8	0.0	-1.5	0.0	0.0	0.0	0.0	-1.2	0.0	0.0	0.0	
5 (A-B)	2	1	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	.3	0.0	0.0	0.5	0.0	-0.1	0.0
		2	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	.3	0.0	0.0	0.4	0.0	-0.1	0.0
		3	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	.3	0.0	0.0	0.4	0.0	-0.1	0.0
		4	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	.3	0.0	0.0	0.4	0.0	-0.1	0.0
		5	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	.3	0.0	0.0	0.4	0.0	-0.1	0.0
		6	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	.3	0.0	0.0	0.4	0.0	-0.1	0.0
		7	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	.3	0.0	0.0	0.4	0.0	-0.1	0.0
		8	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	.3	0.0	0.0	0.4	0.0	-0.1	0.0
		9	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	.3	0.0	0.0	0.4	0.0	-0.1	0.0
		10	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	.35	0.0	0.0	0.4	0.0	-0.1	0.0
		11	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	.3	0.0	0.0	0.5	0.0	-0.1	0.0
		12	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	.35	0.0	0.0	0.4	0.0	-0.1	0.0
		13	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	.3	0.0	0.0	0.5	0.0	-0.1	0.0
		14	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	.35	0.0	0.0	0.4	0.0	-0.1	0.0
		15	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	.3	0.0	0.0	0.5	0.0	-0.1	0.0
		16	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	.35	0.0	0.0	0.4	0.0	-0.1	0.0
		17	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	.3	0.0	0.0	0.5	0.0	-0.1	0.0
		18	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	.3	0.0	0.0	0.3	0.0	-0.1	0.0
		19	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	.3	0.0	0.0	0.3	0.0	-0.1	0.0
		20	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	.3	0.0	0.0	0.3	0.0	-0.1	0.0
		21	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	.3	0.0	0.0	0.3	0.0	-0.1	0.0
		22	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	.35	0.0	0.0	0.3	0.0	-0.1	0.0
		23	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	.3	0.0	0.0	0.3	0.0	-0.1	0.0
		24	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	.35	0.0	0.0	0.3	0.0	-0.1	0.0
		25	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	.3	0.0	0.0	0.3	0.0	-0.1	0.0
5 (D-D')	2	1	0.0	0.0	-3.0	-0.2	0.1	0.0	2.8	1.0	0.0	0.0	-2.2	-0.2	2.8	0.0
		2	0.0	0.0	-2.7	-0.2	0.2	0.0	2.6	1.0	0.0	0.0	-2.0	-0.2	2.6	0.0
		3	0.0	0.0	-2.8	-0.2	0.0	0.0	2.6	1.0	0.0	0.0	-2.1	-0.2	2.6	0.0
		4	0.0	0.0	-2.8	-0.2	0.2	0.0	2.7	1.0	0.0	0.0	-2.0	-0.2	2.7	0.0
		5	0.0	0.0	-2.7	-0.2	0.0	0.0	2.5	1.0	0.0	0.0	-2.0	-0.2	2.5	0.0
		6	0.0	0.0	-2.7	-0.2	0.2	0.0	2.6	1.0	0.0	0.0	-1.9	-0.2	2.6	0.0
		7	0.0	0.0	-2.8	-0.2	0.0	0.0	2.6	1.0	0.0	0.0	-2.1	-0.2	2.6	0.0
		8	0.0	0.0	-2.8	-0.2	0.2	0.0	2.7	1.0	0.0	0.0	-2.0	-0.2	2.7	0.0
		9	0.0	0.0	-2.7	-0.2	0.0	0.0	2.5	1.0	0.0	0.0	-2.0	-0.2	2.5	0.0
		10	0.0	0.0	-2.6	-0.2	0.1	0.0	2.5	1.0	0.0	0.0	-1.9	-0.2	2.5	0.0



		11	0.0	0.0	-2.9	-0.2	0.0	0.0	2.7	1.0	0.0	0.0	-2.2	-0.2	2.7	0.0
		12	0.0	0.0	-2.6	-0.2	0.1	0.0	2.4	1.0	0.0	0.0	-1.9	-0.2	2.4	0.0
		13	0.0	0.0	-2.9	-0.2	0.1	0.0	2.7	1.0	0.0	0.0	-2.2	-0.2	2.7	0.0
		14	0.0	0.0	-2.6	-0.2	0.1	0.0	2.5	1.0	0.0	0.0	-1.9	-0.2	2.5	0.0
		15	0.0	0.0	-2.9	-0.2	0.0	0.0	2.7	1.0	0.0	0.0	-2.2	-0.2	2.7	0.0
		16	0.0	0.0	-2.6	-0.2	0.1	0.0	2.4	1.0	0.0	0.0	-1.9	-0.2	2.4	0.0
		17	0.0	0.0	-2.9	-0.2	0.1	0.0	2.7	1.0	0.0	0.0	-2.2	-0.2	2.7	0.0
		18	0.0	0.0	-1.7	-0.1	0.1	0.0	1.7	1.0	0.0	0.0	-1.3	-0.1	1.7	0.0
		19	0.0	0.0	-1.8	-0.1	0.0	0.0	1.6	1.0	0.0	0.0	-1.3	-0.1	1.6	0.0
		20	0.0	0.0	-1.7	-0.1	0.2	0.0	1.7	1.0	0.0	0.0	-1.3	-0.1	1.7	0.0
		21	0.0	0.0	-1.8	-0.1	0.0	0.0	1.6	1.0	0.0	0.0	-1.3	-0.1	1.6	0.0
		22	0.0	0.0	-1.6	-0.1	0.1	0.0	1.5	1.0	0.0	0.0	-1.1	-0.1	1.5	0.0
		23	0.0	0.0	-1.9	-0.2	0.0	0.0	1.8	1.0	0.0	0.0	-1.4	-0.2	1.8	0.0
		24	0.0	0.0	-1.6	-0.1	0.1	0.0	1.5	1.0	0.0	0.0	-1.1	-0.1	1.5	0.0
		25	0.0	0.0	-1.9	-0.2	0.0	0.0	1.8	1.0	0.0	0.0	-1.4	-0.2	1.8	0.0
5 (D'-E)	2	1	0.0	0.0	0.2	-0.1	2.8	0.0	2.8	0.0	0.0	0.0	2.4	-0.1	0.0	0.0
		2	0.0	0.0	0.2	-0.1	2.6	0.0	2.6	0.0	0.0	0.0	2.3	-0.1	-0.2	0.0
		3	0.0	0.0	0.1	-0.1	2.5	0.0	2.5	0.0	0.0	0.0	2.1	-0.1	0.2	0.0
		4	0.0	0.0	0.1	-0.1	2.7	0.0	2.7	0.0	0.0	0.0	2.2	-0.1	0.1	0.0
		5	0.0	0.0	0.2	-0.1	2.5	0.0	2.5	0.0	0.0	0.0	2.2	-0.1	-0.1	0.0
		6	0.0	0.0	0.2	-0.1	2.6	0.0	2.6	0.0	0.0	0.0	2.3	-0.1	-0.2	0.0
		7	0.0	0.0	0.1	-0.1	2.5	0.0	2.5	0.0	0.0	0.0	2.1	-0.1	0.2	0.0
		8	0.0	0.0	0.1	-0.1	2.7	0.0	2.7	0.0	0.0	0.0	2.2	-0.1	0.1	0.0
		9	0.0	0.0	0.2	-0.1	2.5	0.0	2.5	0.0	0.0	0.0	2.2	-0.1	-0.1	0.0
		10	0.0	0.0	0.3	0.0	2.5	0.0	2.5	0.0	0.0	0.0	2.4	0.0	-0.5	0.0
		11	0.0	0.0	0.0	-0.1	2.7	0.0	2.7	0.0	0.0	0.0	2.0	-0.1	0.5	0.0
		12	0.0	0.0	0.3	0.0	2.4	0.0	2.4	0.0	0.0	0.0	2.4	0.0	-0.5	0.0
		13	0.0	0.0	0.0	-0.1	2.7	0.0	2.7	0.0	0.0	0.0	2.1	-0.1	0.5	0.0
		14	0.0	0.0	0.3	0.0	2.4	0.0	2.4	0.0	0.0	0.0	2.4	0.0	-0.5	0.0
		15	0.0	0.0	0.0	-0.1	2.7	0.0	2.7	0.0	0.0	0.0	2.0	-0.1	0.5	0.0
		16	0.0	0.0	0.3	0.0	2.4	0.0	2.4	0.0	0.0	0.0	2.4	0.0	-0.5	0.0
		17	0.0	0.0	0.0	-0.1	2.7	0.0	2.7	0.0	0.0	0.0	2.1	-0.1	0.5	0.0
		18	0.0	0.0	0.1	0.0	1.7	0.0	1.7	0.0	0.0	0.0	1.4	0.0	0.0	0.0
		19	0.0	0.0	0.1	0.0	1.6	0.0	1.6	0.0	0.0	0.0	1.4	0.0	0.0	0.0
		20	0.0	0.0	0.1	0.0	1.7	0.0	1.7	0.0	0.0	0.0	1.5	0.0	0.0	0.0
		21	0.0	0.0	0.1	0.0	1.6	0.0	1.6	0.0	0.0	0.0	1.4	0.0	0.0	0.0
		22	0.0	0.0	0.3	0.0	1.5	0.0	1.5	0.0	0.0	0.0	1.6	0.0	-0.5	0.0
		23	0.0	0.0	-0.1	-0.1	1.8	0.0	1.8	.05	0.0	0.0	1.2	-0.1	0.5	0.0
		24	0.0	0.0	0.3	0.0	1.5	0.0	1.5	0.0	0.0	0.0	1.6	0.0	-0.5	0.0
		25	0.0	0.0	-0.1	-0.1	1.8	0.0	1.8	.05	0.0	0.0	1.2	-0.1	0.5	0.0
5 (E-F)	2	1	-5.9	-0.4	-2.0	0.1	-0.1	0.0	0.3	1.0	-5.9	-0.4	-2.0	0.1	0.3	0.1
		2	-5.7	-0.1	-1.9	0.1	-0.2	0.0	0.2	1.0	-5.7	-0.1	-1.8	0.1	0.2	0.0
		3	-4.7	-0.5	-1.8	0.1	0.1	0.0	0.4	1.0	-4.7	-0.5	-1.8	0.1	0.4	0.1
		4	-6.0	-0.2	-1.8	0.1	0.1	0.0	0.5	1.0	-6.0	-0.2	-1.7	0.1	0.5	0.0

5	-4.4	-0.5	-1.9	0.1	-0.2	0.0	0.2	1.0	-4.4	-0.5	-1.9	0.1	0.2	0.1
6	-4.1	0.4	-1.9	0.1	-0.2	0.0	0.2	1.0	-4.1	0.4	-1.8	0.1	0.2	0.0
7	-6.3	-1.0	-1.8	0.1	0.1	-0.1	0.4	1.0	-6.3	-1.0	-1.8	0.1	0.4	0.1
8	-5.7	-0.1	-1.8	0.1	0.1	0.0	0.5	1.0	-5.7	-0.1	-1.7	0.1	0.5	0.0
9	-4.7	-0.6	-1.9	0.1	-0.2	0.0	0.2	1.0	-4.7	-0.6	-1.9	0.1	0.2	0.1
10	-5.0	-0.2	-2.0	0.1	-0.5	0.0	0.0	0.0	-5.0	-0.2	-2.0	0.1	-0.2	0.0
11	-5.4	-0.4	-1.7	0.1	0.4	0.0	0.8	1.0	-5.4	-0.4	-1.6	0.1	0.8	0.1
12	-4.6	-0.3	-2.0	0.1	-0.6	0.0	0.0	0.0	-4.6	-0.3	-2.0	0.1	-0.2	0.0
13	-5.8	-0.3	-1.7	0.1	0.4	0.0	0.8	1.0	-5.8	-0.3	-1.6	0.1	0.8	0.0
14	-2.5	0.6	-2.0	0.1	-0.5	0.1	0.0	0.0	-2.5	0.6	-2.0	0.1	-0.2	-0.1
15	-7.9	-1.2	-1.7	0.1	0.4	-0.1	0.8	1.0	-7.9	-1.2	-1.6	0.1	0.8	0.1
16	-2.6	0.3	-2.0	0.1	-0.6	0.0	0.0	0.0	-2.6	0.3	-2.0	0.1	-0.2	0.0
17	-7.8	-0.9	-1.7	0.1	0.4	-0.1	0.8	1.0	-7.8	-0.9	-1.6	0.1	0.8	0.1
18	-3.6	0.0	-1.1	0.1	0.0	0.0	0.2	1.0	-3.6	0.0	-1.1	0.1	0.2	0.0
19	-2.3	-0.4	-1.2	0.1	0.0	0.0	0.2	1.0	-2.3	-0.4	-1.2	0.1	0.2	0.0
20	-2.7	0.3	-1.1	0.1	0.0	0.0	0.2	1.0	-2.7	0.3	-1.1	0.1	0.2	0.0
21	-3.2	-0.7	-1.2	0.1	0.0	-0.1	0.2	1.0	-3.2	-0.7	-1.2	0.1	0.2	0.1
22	-2.5	-0.1	-1.3	0.0	-0.5	0.0	0.0	0.0	-2.5	-0.1	-1.3	0.0	-0.3	0.0
23	-3.4	-0.2	-1.0	0.1	0.5	0.0	0.7	1.0	-3.4	-0.2	-1.0	0.1	0.7	0.0
24	-0.3	0.6	-1.3	0.0	-0.5	0.1	0.0	0.0	-0.3	0.6	-1.3	0.0	-0.3	-0.1
25	-5.6	-0.9	-1.0	0.1	0.5	-0.1	0.7	1.0	-5.6	-0.9	-1.0	0.1	0.7	0.1

5 (F-F')

2

1	0.0	0.0	-2.0	0.1	0.3	0.0	2.0	.75	0.0	0.0	0.6	0.1	1.8	0.0
2	0.0	0.0	-1.8	0.1	0.2	0.0	1.7	.75	0.0	0.0	0.6	0.1	1.6	0.0
3	0.0	0.0	-1.8	0.1	0.4	0.0	1.9	.75	0.0	0.0	0.6	0.1	1.7	0.0
4	0.0	0.0	-1.7	0.1	0.5	0.0	1.8	.7	0.0	0.0	0.7	0.1	1.6	0.0
5	0.0	0.0	-1.9	0.1	0.2	0.0	1.8	.8	0.0	0.0	0.5	0.1	1.7	0.0
6	0.0	0.0	-1.8	0.1	0.2	0.0	1.7	.75	0.0	0.0	0.6	0.1	1.5	0.0
7	0.0	0.0	-1.8	0.1	0.4	0.0	1.9	.75	0.0	0.0	0.6	0.1	1.7	0.0
8	0.0	0.0	-1.7	0.1	0.5	0.0	1.8	.7	0.0	0.0	0.7	0.1	1.6	0.0
9	0.0	0.0	-1.9	0.1	0.2	0.0	1.8	.8	0.0	0.0	0.5	0.1	1.7	0.0
10	0.0	0.0	-2.0	0.1	-0.2	0.0	1.6	.8	0.0	0.0	0.4	0.1	1.5	0.0
11	0.0	0.0	-1.6	0.1	0.8	0.0	2.0	.7	0.0	0.0	0.7	0.1	1.8	0.0
12	0.0	0.0	-2.0	0.1	-0.2	0.0	1.6	.85	0.0	0.0	0.4	0.1	1.6	0.0
13	0.0	0.0	-1.6	0.1	0.8	0.0	2.0	.7	0.0	0.0	0.8	0.1	1.7	0.0
14	0.0	0.0	-2.0	0.1	-0.2	0.0	1.6	.8	0.0	0.0	0.4	0.1	1.5	0.0
15	0.0	0.0	-1.6	0.1	0.8	0.0	2.0	.7	0.0	0.0	0.7	0.1	1.8	0.0
16	0.0	0.0	-2.0	0.1	-0.2	0.0	1.6	.85	0.0	0.0	0.4	0.1	1.6	0.0
17	0.0	0.0	-1.6	0.1	0.8	0.0	2.0	.7	0.0	0.0	0.8	0.1	1.7	0.0
18	0.0	0.0	-1.1	0.1	0.2	0.0	1.1	.75	0.0	0.0	0.4	0.1	1.0	0.0
19	0.0	0.0	-1.2	0.1	0.2	0.0	1.2	.75	0.0	0.0	0.3	0.1	1.1	0.0
20	0.0	0.0	-1.1	0.1	0.2	0.0	1.1	.75	0.0	0.0	0.4	0.1	1.0	0.0
21	0.0	0.0	-1.2	0.1	0.2	0.0	1.2	.8	0.0	0.0	0.3	0.1	1.1	0.0
22	0.0	0.0	-1.3	0.0	-0.3	0.0	1.0	.85	0.0	0.0	0.2	0.0	0.9	0.0
23	0.0	0.0	-1.0	0.1	0.7	0.0	1.3	.65	0.0	0.0	0.5	0.1	1.1	0.0
24	0.0	0.0	-1.3	0.0	-0.3	0.0	1.0	.85	0.0	0.0	0.2	0.0	0.9	0.0

		25	0.0	0.0	-1.0	0.1	0.7	0.0	1.3	.65	0.0	0.0	0.5	0.1	1.1	0.0
5 (F'-G)	2	1	0.0	0.0	2.1	0.2	1.6	0.0	1.6	0.0	0.0	0.0	2.6	0.2	0.1	0.0
		2	0.0	0.0	1.9	0.2	1.4	0.0	1.4	0.0	0.0	0.0	2.3	0.2	0.0	0.0
		3	0.0	0.0	1.9	0.2	1.5	0.0	1.5	0.0	0.0	0.0	2.4	0.2	0.1	0.0
		4	0.0	0.0	2.0	0.2	1.4	0.0	1.4	0.0	0.0	0.0	2.4	0.2	0.0	0.0
		5	0.0	0.0	1.8	0.2	1.5	0.0	1.5	0.0	0.0	0.0	2.3	0.2	0.2	0.0
		6	0.0	0.0	1.9	0.2	1.4	0.0	1.4	0.0	0.0	0.0	2.3	0.2	0.0	0.0
		7	0.0	0.0	1.9	0.2	1.6	0.0	1.6	0.0	0.0	0.0	2.4	0.2	0.2	0.0
		8	0.0	0.0	2.0	0.2	1.4	0.0	1.4	0.0	0.0	0.0	2.4	0.2	0.0	0.0
		9	0.0	0.0	1.8	0.2	1.5	0.0	1.5	0.0	0.0	0.0	2.3	0.2	0.2	0.0
		10	0.0	0.0	1.7	0.2	1.4	0.0	1.4	0.0	0.0	0.0	2.2	0.2	0.1	0.0
		11	0.0	0.0	2.0	0.3	1.6	0.0	1.6	0.0	0.0	0.0	2.5	0.3	0.1	0.0
		12	0.0	0.0	1.7	0.2	1.4	0.0	1.4	0.0	0.0	0.0	2.2	0.2	0.1	0.0
		13	0.0	0.0	2.0	0.3	1.5	0.0	1.5	0.0	0.0	0.0	2.5	0.3	0.0	0.0
		14	0.0	0.0	1.7	0.2	1.4	0.0	1.4	0.0	0.0	0.0	2.2	0.2	0.1	0.0
		15	0.0	0.0	2.0	0.3	1.6	0.0	1.6	0.0	0.0	0.0	2.5	0.3	0.1	0.0
		16	0.0	0.0	1.7	0.2	1.4	0.0	1.4	0.0	0.0	0.0	2.2	0.2	0.1	0.0
		17	0.0	0.0	2.1	0.3	1.5	0.0	1.5	0.0	0.0	0.0	2.5	0.3	0.0	0.0
		18	0.0	0.0	1.2	0.1	0.9	0.0	0.9	0.0	0.0	0.0	1.5	0.1	0.0	0.0
		19	0.0	0.0	1.2	0.2	1.0	0.0	1.0	0.0	0.0	0.0	1.5	0.2	0.1	0.0
		20	0.0	0.0	1.2	0.1	0.8	0.0	0.8	0.0	0.0	0.0	1.5	0.1	-0.1	0.0
		21	0.0	0.0	1.1	0.2	1.0	0.0	1.0	0.0	0.0	0.0	1.4	0.2	0.1	0.0
		22	0.0	0.0	1.0	0.1	0.8	0.0	0.8	0.0	0.0	0.0	1.3	0.1	0.1	0.0
		23	0.0	0.0	1.3	0.2	1.0	0.0	1.0	0.0	0.0	0.0	1.6	0.2	0.0	0.0
		24	0.0	0.0	1.0	0.1	0.8	0.0	0.8	0.0	0.0	0.0	1.3	0.1	0.1	0.0
		25	0.0	0.0	1.3	0.2	1.0	0.0	1.0	0.0	0.0	0.0	1.6	0.2	0.0	0.0
5 (H-I)	2	1	0.0	0.0	-0.5	0.0	-0.2	0.0	0.0	.7	0.0	0.0	0.2	0.0	0.0	0.0
		2	0.0	0.0	-0.4	0.0	-0.1	0.0	0.0	.7	0.0	0.0	0.2	0.0	0.0	0.0
		3	0.0	0.0	-0.4	0.0	-0.1	0.0	0.0	.7	0.0	0.0	0.2	0.0	0.0	0.0
		4	0.0	0.0	-0.4	0.0	-0.1	0.0	0.0	.7	0.0	0.0	0.2	0.0	0.0	0.0
		5	0.0	0.0	-0.4	0.0	-0.1	0.0	0.0	.7	0.0	0.0	0.2	0.0	0.0	0.0
		6	0.0	0.0	-0.4	0.0	-0.1	0.0	0.0	.7	0.0	0.0	0.2	0.0	0.0	0.0
		7	0.0	0.0	-0.4	0.0	-0.1	0.0	0.0	.7	0.0	0.0	0.2	0.0	0.0	0.0
		8	0.0	0.0	-0.5	0.0	-0.1	0.0	0.0	.7	0.0	0.0	0.2	0.0	0.0	0.0
		9	0.0	0.0	-0.4	0.0	-0.1	0.0	0.0	.7	0.0	0.0	0.2	0.0	0.0	0.0
		10	0.0	0.0	-0.4	0.0	-0.1	0.0	0.0	.65	0.0	0.0	0.2	0.0	0.0	0.0
		11	0.0	0.0	-0.5	0.0	-0.1	0.0	0.0	.7	0.0	0.0	0.2	0.0	0.0	0.0
		12	0.0	0.0	-0.4	0.0	-0.1	0.0	0.0	.65	0.0	0.0	0.2	0.0	0.0	0.0
		13	0.0	0.0	-0.5	0.0	-0.1	0.0	0.0	.7	0.0	0.0	0.2	0.0	0.0	0.0
		14	0.0	0.0	-0.4	0.0	-0.1	0.0	0.0	.65	0.0	0.0	0.2	0.0	0.0	0.0
		15	0.0	0.0	-0.5	0.0	-0.1	0.0	0.0	.7	0.0	0.0	0.2	0.0	0.0	0.0
		16	0.0	0.0	-0.4	0.0	-0.1	0.0	0.0	.65	0.0	0.0	0.2	0.0	0.0	0.0
		17	0.0	0.0	-0.5	0.0	-0.1	0.0	0.0	.7	0.0	0.0	0.2	0.0	0.0	0.0
		18	0.0	0.0	-0.3	0.0	-0.1	0.0	0.0	.7	0.0	0.0	0.1	0.0	0.0	0.0

		19	0.0	0.0	-0.3	0.0	-0.1	0.0	0.0	.7	0.0	0.0	0.1	0.0	0.0	0.0
		20	0.0	0.0	-0.3	0.0	-0.1	0.0	0.0	.7	0.0	0.0	0.1	0.0	0.0	0.0
		21	0.0	0.0	-0.3	0.0	-0.1	0.0	0.0	.7	0.0	0.0	0.1	0.0	0.0	0.0
		22	0.0	0.0	-0.3	0.0	-0.1	0.0	0.0	.65	0.0	0.0	0.1	0.0	0.0	0.0
		23	0.0	0.0	-0.3	0.0	-0.1	0.0	0.0	.7	0.0	0.0	0.1	0.0	0.0	0.0
		24	0.0	0.0	-0.3	0.0	-0.1	0.0	0.0	.65	0.0	0.0	0.1	0.0	0.0	0.0
		25	0.0	0.0	-0.3	0.0	-0.1	0.0	0.0	.7	0.0	0.0	0.1	0.0	0.0	0.0
6 (B-C)	2	1	0.0	0.0	-2.8	0.0	-1.5	0.0	0.8	1.0	0.0	0.0	-0.7	0.0	0.8	0.0
		2	0.0	0.0	-0.9	0.0	1.5	0.0	1.8	.45	0.0	0.0	1.1	0.0	1.4	0.0
		3	0.0	0.0	-4.2	0.0	-4.2	0.0	0.1	1.0	0.0	0.0	-2.2	0.0	0.1	0.0
		4	0.0	0.0	-1.0	0.0	1.4	0.0	1.7	.5	0.0	0.0	1.0	0.0	1.4	0.0
		5	0.0	0.0	-4.2	0.0	-4.1	0.0	0.1	1.0	0.0	0.0	-2.2	0.0	0.1	0.0
		6	0.0	0.0	-0.7	0.0	1.9	0.0	2.1	.35	0.0	0.0	1.3	0.0	1.5	0.0
		7	0.0	0.0	-4.5	0.0	-4.6	0.0	0.0	1.0	0.0	0.0	-2.5	0.0	0.0	0.0
		8	0.0	0.0	-0.6	0.0	2.0	0.0	2.1	.3	0.0	0.0	1.4	0.0	1.5	0.0
		9	0.0	0.0	-4.5	0.0	-4.7	0.0	0.0	1.0	0.0	0.0	-2.5	0.0	0.0	0.0
		10	0.0	0.0	-2.0	0.0	-0.4	0.0	1.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0
		11	0.0	0.0	-3.1	0.0	-2.3	0.0	0.6	1.0	0.0	0.0	-1.1	0.0	0.6	0.0
		12	0.0	0.0	-3.0	0.0	-2.1	0.0	0.6	1.0	0.0	0.0	-1.0	0.0	0.6	0.0
		13	0.0	0.0	-2.1	0.0	-0.6	0.0	0.9	1.0	0.0	0.0	-0.2	0.0	0.9	0.0
		14	0.0	0.0	-2.1	0.0	-0.5	0.0	0.9	1.0	0.0	0.0	-0.1	0.0	0.9	0.0
		15	0.0	0.0	-3.1	0.0	-2.2	0.0	0.6	1.0	0.0	0.0	-1.1	0.0	0.6	0.0
		16	0.0	0.0	-3.2	0.0	-2.5	0.0	0.5	1.0	0.0	0.0	-1.2	0.0	0.5	0.0
		17	0.0	0.0	-1.9	0.0	-0.2	0.0	1.0	.95	0.0	0.0	0.1	0.0	1.0	0.0
		18	0.0	0.0	0.0	0.0	2.0	0.0	2.0	0.0	0.0	0.0	1.3	0.0	1.1	0.0
		19	0.0	0.0	-3.2	0.0	-3.6	0.0	0.0	0.0	0.0	0.0	-2.0	0.0	-0.1	0.0
		20	0.0	0.0	0.3	0.0	2.5	0.0	2.5	0.0	0.0	0.0	1.6	0.0	1.2	0.0
		21	0.0	0.0	-3.5	0.0	-4.1	0.0	0.0	0.0	0.0	0.0	-2.3	0.0	-0.3	0.0
		22	0.0	0.0	-1.5	0.0	-0.7	0.0	0.5	1.0	0.0	0.0	-0.3	0.0	0.5	0.0
		23	0.0	0.0	-1.6	0.0	-0.9	0.0	0.4	1.0	0.0	0.0	-0.4	0.0	0.4	0.0
		24	0.0	0.0	-1.7	0.0	-1.0	0.0	0.4	1.0	0.0	0.0	-0.4	0.0	0.4	0.0
		25	0.0	0.0	-1.5	0.0	-0.7	0.0	0.5	1.0	0.0	0.0	-0.3	0.0	0.5	0.0
6 (C-D)	2	1	0.0	0.0	-0.7	0.0	0.8	0.0	1.0	.15	0.0	0.0	3.1	0.0	-1.7	0.0
		2	0.0	0.0	1.1	0.0	1.4	0.0	1.4	0.0	0.0	0.0	4.4	0.0	-4.4	0.0
		3	0.0	0.0	-2.2	0.0	0.1	0.0	1.7	.65	0.0	0.0	1.2	0.0	1.3	0.0
		4	0.0	0.0	1.0	0.0	1.4	0.0	1.4	0.0	0.0	0.0	4.4	0.0	-4.3	0.0
		5	0.0	0.0	-2.2	0.0	0.1	0.0	1.6	.65	0.0	0.0	1.2	0.0	1.2	0.0
		6	0.0	0.0	1.3	0.0	1.5	0.0	1.5	0.0	0.0	0.0	4.7	0.0	-4.8	0.0
		7	0.0	0.0	-2.5	0.0	0.0	0.0	1.9	.75	0.0	0.0	0.9	0.0	1.7	0.0
		8	0.0	0.0	1.4	0.0	1.5	0.0	1.5	0.0	0.0	0.0	4.7	0.0	-4.9	0.0
		9	0.0	0.0	-2.5	0.0	0.0	0.0	2.0	.75	0.0	0.0	0.8	0.0	1.8	0.0
		10	0.0	0.0	0.0	0.0	1.0	0.0	1.0	0.0	0.0	0.0	3.3	0.0	-2.5	0.0
		11	0.0	0.0	-1.1	0.0	0.6	0.0	0.9	.35	0.0	0.0	2.3	0.0	-0.6	0.0
		12	0.0	0.0	-1.0	0.0	0.6	0.0	0.9	.3	0.0	0.0	2.4	0.0	-0.8	0.0

		13	0.0	0.0	-0.2	0.0	0.9	0.0	0.9	.05	0.0	0.0	3.2	0.0	-2.3	0.0
		14	0.0	0.0	-0.1	0.0	0.9	0.0	1.0	.05	0.0	0.0	3.3	0.0	-2.4	0.0
		15	0.0	0.0	-1.1	0.0	0.6	0.0	0.9	.3	0.0	0.0	2.3	0.0	-0.7	0.0
		16	0.0	0.0	-1.2	0.0	0.5	0.0	1.0	.35	0.0	0.0	2.1	0.0	-0.4	0.0
		17	0.0	0.0	0.1	0.0	1.0	0.0	1.0	0.0	0.0	0.0	3.5	0.0	-2.7	0.0
		18	0.0	0.0	1.3	0.0	1.1	0.0	1.1	0.0	0.0	0.0	3.3	0.0	-3.7	0.0
		19	0.0	0.0	-2.0	0.0	-0.1	0.0	1.8	.95	0.0	0.0	0.1	0.0	1.8	0.0
		20	0.0	0.0	1.6	0.0	1.2	0.0	1.2	0.0	0.0	0.0	3.6	0.0	-4.2	0.0
		21	0.0	0.0	-2.3	0.0	-0.3	0.0	2.4	1.0	0.0	0.0	-0.2	0.0	2.4	0.0
		22	0.0	0.0	-0.3	0.0	0.5	0.0	0.5	.15	0.0	0.0	1.8	0.0	-1.0	0.0
		23	0.0	0.0	-0.4	0.0	0.4	0.0	0.5	.2	0.0	0.0	1.7	0.0	-0.9	0.0
		24	0.0	0.0	-0.4	0.0	0.4	0.0	0.5	.2	0.0	0.0	1.6	0.0	-0.8	0.0
		25	0.0	0.0	-0.3	0.0	0.5	0.0	0.5	.15	0.0	0.0	1.8	0.0	-1.1	0.0
6 (G-H)	2	1	0.0	0.0	-5.0	0.0	-2.5	0.0	1.7	.5	0.0	0.0	5.2	0.0	-2.8	0.0
		2	0.0	0.0	-2.8	0.0	0.6	0.0	2.1	.3	0.0	0.0	6.3	0.0	-5.3	0.0
		3	0.0	0.0	-6.1	0.0	-5.1	0.0	2.0	.65	0.0	0.0	3.0	0.0	0.3	0.0
		4	0.0	0.0	-2.9	0.0	0.5	0.0	2.1	.3	0.0	0.0	6.2	0.0	-5.3	0.0
		5	0.0	0.0	-6.1	0.0	-5.0	0.0	2.0	.65	0.0	0.0	3.0	0.0	0.3	0.0
		6	0.0	0.0	-2.6	0.0	1.0	0.0	2.3	.3	0.0	0.0	6.5	0.0	-5.8	0.0
		7	0.0	0.0	-6.4	0.0	-5.5	0.0	2.2	.7	0.0	0.0	2.7	0.0	0.7	0.0
		8	0.0	0.0	-2.5	0.0	1.1	0.0	2.3	.3	0.0	0.0	6.6	0.0	-5.9	0.0
		9	0.0	0.0	-6.4	0.0	-5.6	0.0	2.2	.7	0.0	0.0	2.7	0.0	0.8	0.0
		10	0.0	0.0	-3.9	0.0	-1.3	0.0	1.6	.45	0.0	0.0	5.2	0.0	-3.4	0.0
		11	0.0	0.0	-5.0	0.0	-3.2	0.0	1.6	.55	0.0	0.0	4.1	0.0	-1.6	0.0
		12	0.0	0.0	-4.9	0.0	-3.0	0.0	1.6	.55	0.0	0.0	4.2	0.0	-1.8	0.0
		13	0.0	0.0	-4.1	0.0	-1.5	0.0	1.6	.45	0.0	0.0	5.1	0.0	-3.3	0.0
		14	0.0	0.0	-4.0	0.0	-1.4	0.0	1.6	.45	0.0	0.0	5.1	0.0	-3.4	0.0
		15	0.0	0.0	-5.0	0.0	-3.1	0.0	1.6	.55	0.0	0.0	4.1	0.0	-1.7	0.0
		16	0.0	0.0	-5.2	0.0	-3.4	0.0	1.6	.55	0.0	0.0	4.0	0.0	-1.4	0.0
		17	0.0	0.0	-3.8	0.0	-1.1	0.0	1.6	.4	0.0	0.0	5.3	0.0	-3.7	0.0
		18	0.0	0.0	-1.1	0.0	1.4	0.0	1.8	.2	0.0	0.0	4.4	0.0	-4.3	0.0
		19	0.0	0.0	-4.3	0.0	-4.1	0.0	1.7	.8	0.0	0.0	1.1	0.0	1.3	0.0
		20	0.0	0.0	-0.8	0.0	1.9	0.0	2.1	.15	0.0	0.0	4.7	0.0	-4.8	0.0
		21	0.0	0.0	-4.6	0.0	-4.7	0.0	2.0	.85	0.0	0.0	0.9	0.0	1.8	0.0
		22	0.0	0.0	-2.6	0.0	-1.3	0.0	0.9	.5	0.0	0.0	2.8	0.0	-1.6	0.0
		23	0.0	0.0	-2.7	0.0	-1.5	0.0	0.9	.5	0.0	0.0	2.7	0.0	-1.4	0.0
		24	0.0	0.0	-2.8	0.0	-1.5	0.0	0.9	.5	0.0	0.0	2.7	0.0	-1.4	0.0
		25	0.0	0.0	-2.6	0.0	-1.2	0.0	0.9	.5	0.0	0.0	2.9	0.0	-1.6	0.0
7 (B-C)	2	1	-2.0	0.1	-0.5	0.0	-0.4	0.2	0.0	1.0	-2.0	0.1	-0.1	0.0	0.0	0.1
		2	-2.5	0.1	1.2	0.0	2.5	0.3	2.5	0.0	-2.5	0.1	1.6	0.0	0.7	0.1
		3	-0.9	0.0	-2.1	0.0	-3.2	0.1	0.0	0.0	-0.9	0.0	-1.7	0.0	-0.6	0.1
		4	-2.5	0.1	1.1	0.0	2.5	0.3	2.5	0.0	-2.5	0.1	1.5	0.0	0.7	0.1
		5	-0.9	0.1	-2.1	0.0	-3.1	0.1	0.0	0.0	-0.9	0.1	-1.7	0.0	-0.6	0.0
		6	-2.6	0.1	1.3	0.0	2.8	0.3	2.8	0.0	-2.6	0.1	1.7	0.0	0.8	0.1

		7	-0.8	0.0	-2.3	0.0	-3.5	0.1	0.0	0.0	-0.8	0.0	-1.8	0.0	-0.7	0.0
		8	-2.6	0.1	1.3	0.0	2.8	0.3	2.8	0.0	-2.6	0.1	1.7	0.0	0.8	0.1
		9	-0.8	0.0	-2.3	0.0	-3.5	0.1	0.0	0.0	-0.8	0.0	-1.9	0.0	-0.7	0.0
		10	-2.0	0.1	0.1	0.0	0.6	0.2	0.6	0.0	-2.0	0.1	0.5	0.0	0.2	0.1
		11	-1.5	0.0	-1.0	0.0	-1.3	0.1	0.0	0.0	-1.5	0.0	-0.6	0.0	-0.2	0.1
		12	-1.5	0.1	-0.9	0.0	-1.1	0.2	0.0	0.0	-1.5	0.1	-0.5	0.0	-0.2	0.0
		13	-1.9	0.0	0.0	0.0	0.4	0.2	0.4	.05	-1.9	0.0	0.4	0.0	0.2	0.1
		14	-2.0	0.1	0.0	0.0	0.5	0.2	0.5	0.0	-2.0	0.1	0.4	0.0	0.2	0.1
		15	-1.5	0.0	-1.0	0.0	-1.2	0.1	0.0	0.0	-1.5	0.0	-0.6	0.0	-0.2	0.1
		16	-1.4	0.1	-1.0	0.0	-1.3	0.2	0.0	0.0	-1.4	0.1	-0.6	0.0	-0.2	0.0
		17	-2.0	0.1	0.1	0.0	0.7	0.2	0.7	0.0	-2.0	0.1	0.5	0.0	0.3	0.1
		18	-1.7	0.1	1.3	0.0	2.6	0.2	2.6	0.0	-1.7	0.1	1.6	0.0	0.7	0.1
		19	-0.2	0.0	-2.0	0.0	-3.0	0.0	0.0	0.0	-0.2	0.0	-1.6	0.0	-0.6	0.0
		20	-1.8	0.1	1.5	0.0	2.9	0.2	2.9	0.0	-1.8	0.1	1.8	0.0	0.8	0.1
		21	-0.1	0.0	-2.1	0.0	-3.3	0.0	0.0	0.0	-0.1	0.0	-1.8	0.0	-0.7	0.0
		22	-1.0	0.1	-0.3	0.0	-0.1	0.1	0.1	.95	-1.0	0.1	0.0	0.0	0.1	0.0
		23	-1.0	0.0	-0.4	0.0	-0.3	0.1	0.0	1.0	-1.0	0.0	-0.1	0.0	0.0	0.1
		24	-1.0	0.1	-0.4	0.0	-0.3	0.1	0.0	1.0	-1.0	0.1	-0.1	0.0	0.0	0.0
		25	-1.0	0.0	-0.3	0.0	-0.1	0.1	0.1	1.0	-1.0	0.0	0.0	0.0	0.1	0.1
7 (C-D)	2	1	-2.0	0.1	-0.1	0.0	0.0	0.1	0.0	.1	-2.0	0.1	0.6	0.0	-0.5	-0.1
		2	-2.4	0.1	1.6	0.0	0.7	0.1	0.7	0.0	-2.4	0.1	2.2	0.0	-3.3	-0.1
		3	-1.0	0.0	-1.7	0.0	-0.6	0.1	2.2	1.0	-1.0	0.0	-1.1	0.0	2.2	0.0
		4	-2.4	0.1	1.5	0.0	0.7	0.1	0.7	0.0	-2.4	0.1	2.2	0.0	-3.2	-0.1
		5	-1.0	0.0	-1.7	0.0	-0.6	0.0	2.2	1.0	-1.0	0.0	-1.0	0.0	2.2	0.0
		6	-2.5	0.1	1.7	0.0	0.8	0.1	0.8	0.0	-2.5	0.1	2.4	0.0	-3.5	-0.1
		7	-0.9	0.0	-1.8	0.0	-0.7	0.0	2.5	1.0	-0.9	0.0	-1.2	0.0	2.5	0.0
		8	-2.5	0.1	1.7	0.0	0.8	0.1	0.8	0.0	-2.5	0.1	2.4	0.0	-3.6	-0.1
		9	-0.9	0.0	-1.9	0.0	-0.7	0.0	2.5	1.0	-0.9	0.0	-1.2	0.0	2.5	0.0
		10	-1.9	0.1	0.5	0.0	0.2	0.1	0.2	0.0	-1.9	0.1	1.1	0.0	-1.4	-0.1
		11	-1.5	0.1	-0.6	0.0	-0.2	0.1	0.4	.95	-1.5	0.1	0.0	0.0	0.4	-0.1
		12	-1.5	0.0	-0.5	0.0	-0.2	0.0	0.3	.8	-1.5	0.0	0.1	0.0	0.2	-0.1
		13	-1.9	0.1	0.4	0.0	0.2	0.1	0.2	0.0	-1.9	0.1	1.0	0.0	-1.3	-0.1
		14	-2.0	0.1	0.4	0.0	0.2	0.1	0.2	0.0	-2.0	0.1	1.1	0.0	-1.4	-0.1
		15	-1.5	0.1	-0.6	0.0	-0.2	0.1	0.3	.9	-1.5	0.1	0.1	0.0	0.3	-0.1
		16	-1.5	0.1	-0.6	0.0	-0.2	0.0	0.5	1.0	-1.5	0.1	0.0	0.0	0.5	-0.1
		17	-2.0	0.1	0.5	0.0	0.3	0.1	0.3	0.0	-2.0	0.1	1.1	0.0	-1.5	-0.1
		18	-1.7	0.1	1.6	0.0	0.7	0.1	0.7	0.0	-1.7	0.1	2.1	0.0	-3.1	-0.1
		19	-0.2	0.0	-1.6	0.0	-0.6	0.0	2.3	1.0	-0.2	0.0	-1.2	0.0	2.3	0.0
		20	-1.8	0.1	1.8	0.0	0.8	0.1	0.8	0.0	-1.8	0.1	2.2	0.0	-3.4	-0.1
		21	-0.1	0.0	-1.8	0.0	-0.7	0.0	2.6	1.0	-0.1	0.0	-1.3	0.0	2.6	0.0
		22	-1.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	-1.0	0.0	0.5	0.0	-0.5	0.0
		23	-1.0	0.1	-0.1	0.0	0.0	0.1	0.0	.15	-1.0	0.1	0.4	0.0	-0.3	-0.1
		24	-1.0	0.0	-0.1	0.0	0.0	0.0	0.0	.15	-1.0	0.0	0.4	0.0	-0.3	-0.1
		25	-1.0	0.1	0.0	0.0	0.1	0.1	0.1	0.0	-1.0	0.1	0.5	0.0	-0.5	-0.1

7 (D-D')	2	1	0.0	0.0	-3.3	0.3	-2.8	0.0	0.3	1.0	0.0	0.0	-3.0	0.3	0.3	0.0
		2	0.0	0.0	-2.7	0.3	-1.3	0.0	1.3	1.0	0.0	0.0	-2.4	0.3	1.3	0.0
		3	0.0	0.0	-3.6	0.3	-4.1	0.0	0.0	0.0	0.0	0.0	-3.3	0.3	-0.7	0.0
		4	0.0	0.0	-2.7	0.3	-1.3	0.0	1.3	1.0	0.0	0.0	-2.4	0.3	1.3	0.0
		5	0.0	0.0	-3.6	0.3	-4.0	0.0	0.0	0.0	0.0	0.0	-3.3	0.3	-0.7	0.0
		6	0.0	0.0	-2.7	0.3	-1.1	0.0	1.3	1.0	0.0	0.0	-2.4	0.3	1.3	0.0
		7	0.0	0.0	-3.6	0.3	-4.2	0.0	0.0	0.0	0.0	0.0	-3.3	0.3	-0.8	0.0
		8	0.0	0.0	-2.7	0.3	-1.1	0.0	1.4	1.0	0.0	0.0	-2.4	0.3	1.4	0.0
		9	0.0	0.0	-3.6	0.3	-4.2	0.0	0.0	0.0	0.0	0.0	-3.3	0.3	-0.8	0.0
		10	0.0	0.0	-3.0	0.2	-2.2	0.0	0.6	1.0	0.0	0.0	-2.7	0.2	0.6	0.0
		11	0.0	0.0	-3.3	0.4	-3.1	0.0	0.0	0.0	0.0	0.0	-3.0	0.4	0.0	0.0
		12	0.0	0.0	-3.2	0.2	-3.0	0.0	0.0	1.0	0.0	0.0	-2.9	0.2	0.0	0.0
		13	0.0	0.0	-3.0	0.4	-2.3	0.0	0.6	1.0	0.0	0.0	-2.7	0.4	0.6	0.0
		14	0.0	0.0	-3.0	0.2	-2.2	0.0	0.6	1.0	0.0	0.0	-2.7	0.2	0.6	0.0
		15	0.0	0.0	-3.3	0.4	-3.1	0.0	0.0	1.0	0.0	0.0	-3.0	0.4	0.0	0.0
		16	0.0	0.0	-3.3	0.2	-3.2	0.0	0.0	0.0	0.0	0.0	-3.0	0.2	-0.1	0.0
		17	0.0	0.0	-3.0	0.4	-2.2	0.0	0.6	1.0	0.0	0.0	-2.7	0.4	0.6	0.0
		18	0.0	0.0	-1.7	0.2	-0.4	0.0	1.1	1.0	0.0	0.0	-1.5	0.2	1.1	0.0
		19	0.0	0.0	-2.5	0.2	-3.2	0.0	0.0	0.0	0.0	0.0	-2.3	0.2	-0.8	0.0
		20	0.0	0.0	-1.6	0.2	-0.3	0.0	1.2	1.0	0.0	0.0	-1.4	0.2	1.2	0.0
		21	0.0	0.0	-2.6	0.2	-3.4	0.0	0.0	0.0	0.0	0.0	-2.4	0.2	-0.9	0.0
		22	0.0	0.0	-2.1	0.1	-1.8	0.0	0.2	1.0	0.0	0.0	-1.9	0.1	0.2	0.0
		23	0.0	0.0	-2.1	0.3	-1.9	0.0	0.1	1.0	0.0	0.0	-1.9	0.3	0.1	0.0
		24	0.0	0.0	-2.1	0.1	-1.9	0.0	0.1	1.0	0.0	0.0	-1.9	0.1	0.1	0.0
		25	0.0	0.0	-2.1	0.3	-1.8	0.0	0.2	1.0	0.0	0.0	-1.9	0.3	0.2	0.0
7 (D'-E)	2	1	-0.7	0.0	-0.6	0.0	0.4	0.0	0.9	.8	-0.7	0.0	0.1	0.0	0.9	0.0
		2	-0.7	0.0	-0.1	0.0	1.3	0.0	1.3	.2	-0.7	0.0	0.6	0.0	0.8	0.0
		3	-0.5	0.0	-1.0	0.0	-0.7	0.0	0.9	1.0	-0.5	0.0	-0.3	0.0	0.9	0.0
		4	-0.7	0.0	-0.2	0.0	1.3	0.0	1.3	.2	-0.7	0.0	0.5	0.0	0.8	0.0
		5	-0.5	0.0	-1.0	0.0	-0.6	0.0	0.9	1.0	-0.5	0.0	-0.3	0.0	0.9	0.0
		6	-0.5	0.0	-0.1	0.0	1.4	0.0	1.4	.15	-0.5	0.0	0.6	0.0	0.8	0.0
		7	-0.7	0.0	-1.0	0.0	-0.7	0.0	0.9	1.0	-0.7	0.0	-0.3	0.0	0.9	0.0
		8	-0.7	0.0	-0.1	0.0	1.4	0.0	1.4	.15	-0.7	0.0	0.6	0.0	0.8	0.0
		9	-0.5	0.0	-1.1	0.0	-0.8	0.0	0.9	1.0	-0.5	0.0	-0.4	0.0	0.9	0.0
		10	-0.6	0.0	-0.4	0.0	0.6	0.1	0.9	.65	-0.6	0.0	0.3	0.0	0.8	0.0
		11	-0.6	0.0	-0.7	0.0	0.0	-0.1	0.8	1.0	-0.6	0.0	0.0	0.0	0.8	0.0
		12	-0.5	0.0	-0.7	0.0	0.0	0.1	0.8	1.0	-0.5	0.0	0.0	0.0	0.8	0.0
		13	-0.7	0.0	-0.5	0.0	0.6	-0.1	0.9	.65	-0.7	0.0	0.2	0.0	0.8	0.0
		14	-0.3	0.0	-0.5	0.0	0.6	0.0	0.9	.65	-0.3	0.0	0.2	0.0	0.8	0.0
		15	-0.9	0.0	-0.7	0.0	0.0	0.0	0.8	1.0	-0.9	0.0	0.0	0.0	0.8	0.0
		16	-0.3	0.0	-0.7	0.0	0.0	0.0	0.8	1.0	-0.3	0.0	0.0	0.0	0.8	0.0
		17	-0.9	0.0	-0.4	0.0	0.7	0.0	1.0	.6	-0.9	0.0	0.3	0.0	0.8	0.0
		18	-0.4	0.0	0.0	0.0	1.1	0.0	1.1	.05	-0.4	0.0	0.5	0.0	0.6	0.0
		19	-0.2	0.0	-0.9	0.0	-0.8	0.0	0.6	1.0	-0.2	0.0	-0.3	0.0	0.6	0.0
		20	-0.3	0.0	0.0	0.0	1.2	0.0	1.2	0.0	-0.3	0.0	0.5	0.0	0.6	0.0

		21	-0.3	0.0	-0.9	0.0	-0.9	0.0	0.6	1.0	-0.3	0.0	-0.4	0.0	0.6	0.0
		22	-0.3	0.0	-0.4	0.0	0.2	0.1	0.6	.85	-0.3	0.0	0.1	0.0	0.6	0.0
		23	-0.4	0.0	-0.5	0.0	0.2	-0.1	0.6	.85	-0.4	0.0	0.1	0.0	0.6	0.0
		24	0.0	0.0	-0.5	0.0	0.1	0.0	0.6	.9	0.0	0.0	0.1	0.0	0.6	0.0
		25	-0.6	0.0	-0.4	0.0	0.2	0.0	0.6	.8	-0.6	0.0	0.1	0.0	0.6	0.0
7 (E-F)	2	1	-0.7	0.0	0.1	0.0	0.9	0.0	0.9	0.0	-0.7	0.0	0.2	0.0	0.8	0.0
		2	-0.6	0.0	0.6	0.0	0.8	0.0	0.8	0.0	-0.6	0.0	0.7	0.0	0.6	0.0
		3	-0.6	0.0	-0.3	0.0	0.9	0.0	1.0	1.0	-0.6	0.0	-0.2	0.0	1.0	0.0
		4	-0.6	0.0	0.5	0.0	0.8	0.0	0.8	0.0	-0.6	0.0	0.7	0.0	0.6	0.0
		5	-0.5	0.0	-0.3	0.0	0.9	0.0	0.9	1.0	-0.5	0.0	-0.2	0.0	0.9	0.0
		6	-0.4	0.0	0.6	0.0	0.8	0.0	0.8	0.0	-0.4	0.0	0.7	0.0	0.6	0.0
		7	-0.7	0.0	-0.3	0.0	0.9	0.0	1.0	1.0	-0.7	0.0	-0.2	0.0	1.0	0.0
		8	-0.6	0.0	0.6	0.0	0.8	0.0	0.8	0.0	-0.6	0.0	0.7	0.0	0.6	0.0
		9	-0.6	0.0	-0.4	0.0	0.9	0.0	1.0	1.0	-0.6	0.0	-0.2	0.0	1.0	0.0
		10	-0.5	0.0	0.3	0.0	0.8	0.0	0.8	0.0	-0.5	0.0	0.4	0.0	0.7	0.0
		11	-0.6	0.0	0.0	0.0	0.8	0.0	0.8	.05	-0.6	0.0	0.1	0.0	0.8	0.0
		12	-0.5	0.0	0.0	0.0	0.8	0.0	0.8	0.0	-0.5	0.0	0.1	0.0	0.8	0.0
		13	-0.7	0.0	0.2	0.0	0.8	0.0	0.8	0.0	-0.7	0.0	0.4	0.0	0.7	0.0
		14	-0.3	0.0	0.2	0.0	0.8	0.0	0.8	0.0	-0.3	0.0	0.4	0.0	0.7	0.0
		15	-0.9	0.0	0.0	0.0	0.8	0.0	0.8	0.0	-0.9	0.0	0.1	0.0	0.8	0.0
		16	-0.3	0.0	0.0	0.0	0.8	0.0	0.8	.35	-0.3	0.0	0.1	0.0	0.8	0.0
		17	-0.9	0.0	0.3	0.0	0.8	0.0	0.8	0.0	-0.9	0.0	0.4	0.0	0.7	0.0
		18	-0.4	0.0	0.5	0.0	0.6	0.0	0.6	0.0	-0.4	0.0	0.6	0.0	0.4	0.0
		19	-0.3	0.0	-0.3	0.0	0.6	0.0	0.7	1.0	-0.3	0.0	-0.3	0.0	0.7	0.0
		20	-0.3	0.0	0.5	0.0	0.6	0.0	0.6	0.0	-0.3	0.0	0.6	0.0	0.4	0.0
		21	-0.4	0.0	-0.4	0.0	0.6	0.0	0.8	1.0	-0.4	0.0	-0.3	0.0	0.8	0.0
		22	-0.3	0.0	0.1	0.0	0.6	0.0	0.6	0.0	-0.3	0.0	0.2	0.0	0.6	0.0
		23	-0.4	0.0	0.1	0.0	0.6	0.0	0.6	0.0	-0.4	0.0	0.2	0.0	0.6	0.0
		24	0.0	0.0	0.1	0.0	0.6	0.0	0.6	0.0	0.0	0.0	0.1	0.0	0.6	0.0
		25	-0.6	0.0	0.1	0.0	0.6	0.0	0.6	0.0	-0.6	0.0	0.2	0.0	0.6	0.0
7 (F-F')	2	1	-0.7	0.0	0.2	0.0	0.8	0.0	0.8	0.0	-0.7	0.0	0.9	0.0	-0.5	0.0
		2	-0.6	0.0	0.7	0.0	0.6	0.0	0.6	0.0	-0.6	0.0	1.3	0.0	-1.6	0.0
		3	-0.6	0.0	-0.2	0.0	1.0	0.0	1.0	.3	-0.6	0.0	0.5	0.0	0.7	0.0
		4	-0.6	0.0	0.7	0.0	0.6	0.0	0.6	0.0	-0.6	0.0	1.3	0.0	-1.6	0.0
		5	-0.6	0.0	-0.2	0.0	0.9	0.0	1.0	.3	-0.6	0.0	0.5	0.0	0.6	0.0
		6	-0.4	0.0	0.7	0.0	0.6	0.0	0.6	0.0	-0.4	0.0	1.4	0.0	-1.7	0.0
		7	-0.8	0.0	-0.2	0.0	1.0	0.0	1.1	.35	-0.8	0.0	0.4	0.0	0.8	0.0
		8	-0.6	0.0	0.7	0.0	0.6	0.0	0.6	0.0	-0.6	0.0	1.4	0.0	-1.7	0.0
		9	-0.6	0.0	-0.2	0.0	1.0	0.0	1.1	.35	-0.6	0.0	0.4	0.0	0.8	0.0
		10	-0.5	0.0	0.4	0.0	0.7	0.0	0.7	0.0	-0.5	0.0	1.0	0.0	-0.8	0.1
		11	-0.6	0.0	0.1	0.0	0.8	0.0	0.8	0.0	-0.6	0.0	0.8	0.0	-0.1	-0.1
		12	-0.5	0.0	0.1	0.0	0.8	0.0	0.8	0.0	-0.5	0.0	0.8	0.0	-0.1	0.1
		13	-0.6	0.0	0.4	0.0	0.7	0.0	0.7	0.0	-0.6	0.0	1.0	0.0	-0.8	-0.1
		14	-0.2	0.0	0.4	0.0	0.7	0.0	0.7	0.0	-0.2	0.0	1.0	0.0	-0.8	0.0



15	-0.9	0.0	0.1	0.0	0.8	0.0	0.8	0.0	-0.9	0.0	0.8	0.0	-0.1	0.0
16	-0.3	0.0	0.1	0.0	0.8	0.0	0.8	0.0	-0.3	0.0	0.7	0.0	0.0	0.0
17	-0.9	0.0	0.4	0.0	0.7	0.0	0.7	0.0	-0.9	0.0	1.1	0.0	-0.9	0.0
18	-0.3	0.0	0.6	0.0	0.4	0.0	0.4	0.0	-0.3	0.0	1.1	0.0	-1.4	0.0
19	-0.3	0.0	-0.3	0.0	0.7	0.0	0.9	.55	-0.3	0.0	0.2	0.0	0.8	0.0
20	-0.2	0.0	0.6	0.0	0.4	0.0	0.4	0.0	-0.2	0.0	1.1	0.0	-1.6	0.0
21	-0.4	0.0	-0.3	0.0	0.8	0.0	1.0	.65	-0.4	0.0	0.2	0.0	0.9	0.0
22	-0.3	0.0	0.2	0.0	0.6	0.0	0.6	0.0	-0.3	0.0	0.7	0.0	-0.3	0.1
23	-0.4	0.0	0.2	0.0	0.6	0.0	0.6	0.0	-0.4	0.0	0.7	0.0	-0.3	-0.1
24	0.0	0.0	0.1	0.0	0.6	0.0	0.6	0.0	0.0	0.0	0.6	0.0	-0.3	0.0
25	-0.6	0.0	0.2	0.0	0.6	0.0	0.6	0.0	-0.6	0.0	0.7	0.0	-0.4	0.0

7 (F'-G)	2	1	0.0	0.0	4.3	-0.2	-0.9	0.0	0.0	0.0	0.0	4.5	-0.2	-3.5	0.0
		2	0.0	0.0	4.4	-0.1	-2.0	0.0	0.0	0.0	0.0	4.6	-0.1	-4.7	0.0
		3	0.0	0.0	3.6	-0.2	0.3	0.0	0.3	0.0	0.0	3.7	-0.2	-1.9	0.0
		4	0.0	0.0	4.4	-0.2	-2.0	0.0	0.0	0.0	0.0	4.6	-0.2	-4.7	0.0
		5	0.0	0.0	3.6	-0.1	0.3	0.0	0.3	0.0	0.0	3.8	-0.1	-1.9	0.0
		6	0.0	0.0	4.4	-0.1	-2.1	0.0	0.0	0.0	0.0	4.6	-0.1	-4.9	0.0
		7	0.0	0.0	3.5	-0.2	0.5	0.0	0.5	0.0	0.0	3.7	-0.2	-1.7	0.0
		8	0.0	0.0	4.4	-0.2	-2.1	0.0	0.0	0.0	0.0	4.6	-0.2	-4.9	0.0
		9	0.0	0.0	3.5	-0.1	0.5	0.0	0.5	0.0	0.0	3.7	-0.1	-1.7	0.0
		10	0.0	0.0	4.1	-0.1	-1.2	0.0	0.0	0.0	0.0	4.3	-0.1	-3.8	0.0
		11	0.0	0.0	3.8	-0.2	-0.5	0.0	0.0	0.0	0.0	4.0	-0.2	-2.9	0.0
		12	0.0	0.0	3.9	-0.1	-0.5	0.0	0.0	0.0	0.0	4.1	-0.1	-2.9	0.0
		13	0.0	0.0	4.1	-0.3	-1.2	0.0	0.0	0.0	0.0	4.3	-0.3	-3.7	0.0
		14	0.0	0.0	4.1	-0.1	-1.2	0.0	0.0	0.0	0.0	4.3	-0.1	-3.7	0.0
		15	0.0	0.0	3.8	-0.3	-0.5	0.0	0.0	0.0	0.0	4.0	-0.3	-2.9	0.0
		16	0.0	0.0	3.8	-0.1	-0.4	0.0	0.0	0.0	0.0	4.0	-0.1	-2.8	0.0
		17	0.0	0.0	4.1	-0.3	-1.3	0.0	0.0	0.0	0.0	4.3	-0.3	-3.8	0.0
		18	0.0	0.0	3.0	-0.1	-1.8	0.0	0.0	0.0	0.0	3.1	-0.1	-3.6	0.0
		19	0.0	0.0	2.2	-0.1	0.6	0.0	0.6	0.0	0.0	2.3	-0.1	-0.8	0.0
		20	0.0	0.0	3.1	-0.1	-1.9	0.0	0.0	0.0	0.0	3.2	-0.1	-3.8	0.0
		21	0.0	0.0	2.1	-0.1	0.7	0.0	0.7	0.0	0.0	2.3	-0.1	-0.6	0.0
		22	0.0	0.0	2.6	0.0	-0.6	0.0	0.0	0.0	0.0	2.8	0.0	-2.2	0.0
		23	0.0	0.0	2.6	-0.2	-0.6	0.0	0.0	0.0	0.0	2.7	-0.2	-2.2	0.0
		24	0.0	0.0	2.6	0.0	-0.5	0.0	0.0	0.0	0.0	2.7	0.0	-2.2	0.0
		25	0.0	0.0	2.6	-0.2	-0.6	0.0	0.0	0.0	0.0	2.7	-0.2	-2.2	0.0

7 (G-H)	2	1	0.0	0.0	-5.1	0.0	-2.7	0.0	1.6	.5	0.0	0.0	5.2	0.0	-2.8	0.0
		2	0.0	0.0	-2.9	0.0	0.3	0.0	1.9	.3	0.0	0.0	6.2	0.0	-5.4	0.0
		3	0.0	0.0	-6.2	0.0	-5.2	0.0	2.0	.7	0.0	0.0	3.0	0.0	0.3	0.0
		4	0.0	0.0	-2.9	0.0	0.3	0.0	1.9	.3	0.0	0.0	6.2	0.0	-5.3	0.0
		5	0.0	0.0	-6.1	0.0	-5.1	0.0	2.0	.65	0.0	0.0	3.0	0.0	0.3	0.0
		6	0.0	0.0	-2.8	0.0	0.6	0.0	2.0	.3	0.0	0.0	6.4	0.0	-5.6	0.0
		7	0.0	0.0	-6.3	0.0	-5.4	0.0	2.1	.7	0.0	0.0	2.8	0.0	0.6	0.0
		8	0.0	0.0	-2.7	0.0	0.6	0.0	2.0	.3	0.0	0.0	6.4	0.0	-5.7	0.0

		9	0.0	0.0	-6.3	0.0	-5.5	0.0	2.1	.7	0.0	0.0	2.8	0.0	0.7	0.0
		10	0.0	0.0	-4.0	0.0	-1.6	0.0	1.5	.45	0.0	0.0	5.1	0.0	-3.4	0.0
		11	0.0	0.0	-5.1	0.0	-3.3	0.0	1.5	.55	0.0	0.0	4.1	0.0	-1.6	0.0
		12	0.0	0.0	-5.0	0.0	-3.2	0.0	1.5	.55	0.0	0.0	4.1	0.0	-1.7	0.0
		13	0.0	0.0	-4.1	0.0	-1.7	0.0	1.5	.45	0.0	0.0	5.0	0.0	-3.3	0.0
		14	0.0	0.0	-4.0	0.0	-1.6	0.0	1.5	.45	0.0	0.0	5.1	0.0	-3.4	0.0
		15	0.0	0.0	-5.0	0.0	-3.3	0.0	1.5	.55	0.0	0.0	4.1	0.0	-1.7	0.0
		16	0.0	0.0	-5.1	0.0	-3.4	0.0	1.5	.55	0.0	0.0	4.0	0.0	-1.5	0.0
		17	0.0	0.0	-3.9	0.0	-1.4	0.0	1.5	.45	0.0	0.0	5.2	0.0	-3.5	0.0
		18	0.0	0.0	-1.1	0.0	1.2	0.0	1.6	.2	0.0	0.0	4.3	0.0	-4.3	0.0
		19	0.0	0.0	-4.4	0.0	-4.2	0.0	1.7	.8	0.0	0.0	1.1	0.0	1.4	0.0
		20	0.0	0.0	-0.9	0.0	1.5	0.0	1.8	.15	0.0	0.0	4.5	0.0	-4.6	0.0
		21	0.0	0.0	-4.5	0.0	-4.5	0.0	1.9	.85	0.0	0.0	0.9	0.0	1.7	0.0
		22	0.0	0.0	-2.7	0.0	-1.5	0.0	0.9	.5	0.0	0.0	2.8	0.0	-1.5	0.0
		23	0.0	0.0	-2.8	0.0	-1.6	0.0	0.9	.5	0.0	0.0	2.7	0.0	-1.4	0.0
		24	0.0	0.0	-2.8	0.0	-1.6	0.0	0.9	.5	0.0	0.0	2.7	0.0	-1.4	0.0
		25	0.0	0.0	-2.7	0.0	-1.4	0.0	0.9	.5	0.0	0.0	2.8	0.0	-1.6	0.0
8 (F'-G)	2	1	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	-1.1	0.0
		2	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	-1.1	0.0
		3	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	-1.0	0.0
		4	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	-1.1	0.0
		5	0.0	0.0	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.1	-1.0	0.0
		6	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	-1.1	0.0
		7	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	-1.0	0.0
		8	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	-1.1	0.0
		9	0.0	0.0	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.1	-1.0	0.0
		10	0.0	0.0	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.1	-1.1	0.0
		11	0.0	0.0	1.4	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.6	-0.1	-1.0	0.0
		12	0.0	0.0	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.1	-1.0	0.0
		13	0.0	0.0	1.4	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.6	-0.1	-1.1	0.0
		14	0.0	0.0	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.1	-1.1	0.0
		15	0.0	0.0	1.4	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.6	-0.1	-1.0	0.0
		16	0.0	0.0	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.1	-1.0	0.0
		17	0.0	0.0	1.4	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.6	-0.1	-1.1	0.0
		18	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	-0.7	0.0
		19	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	-0.6	0.0
		20	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	-0.7	0.0
		21	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	-0.6	0.0
		22	0.0	0.0	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.1	-0.7	0.0
		23	0.0	0.0	0.9	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1	-0.1	-0.7	0.0
		24	0.0	0.0	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.1	-0.7	0.0
		25	0.0	0.0	0.9	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1	-0.1	-0.7	0.0
8 (G-H)	2	1	0.0	0.0	-5.1	0.0	-2.8	0.0	1.6	.5	0.0	0.0	5.1	0.0	-2.8	0.0
		2	0.0	0.0	-2.8	0.0	0.6	0.0	2.0	.3	0.0	0.0	6.3	0.0	-5.6	0.0

	3	0.0	0.0	-6.3	0.0	-5.5	0.0	2.0	.7	0.0	0.0	2.8	0.0	0.6	0.0
	4	0.0	0.0	-2.8	0.0	0.6	0.0	2.0	.3	0.0	0.0	6.3	0.0	-5.6	0.0
	5	0.0	0.0	-6.3	0.0	-5.5	0.0	2.0	.7	0.0	0.0	2.8	0.0	0.5	0.0
	6	0.0	0.0	-2.7	0.0	0.7	0.0	2.1	.3	0.0	0.0	6.4	0.0	-5.7	0.0
	7	0.0	0.0	-6.4	0.0	-5.6	0.0	2.1	.7	0.0	0.0	2.7	0.0	0.7	0.0
	8	0.0	0.0	-2.7	0.0	0.7	0.0	2.1	.3	0.0	0.0	6.4	0.0	-5.7	0.0
	9	0.0	0.0	-6.4	0.0	-5.7	0.0	2.1	.7	0.0	0.0	2.7	0.0	0.7	0.0
	10	0.0	0.0	-4.0	0.0	-1.6	0.0	1.5	.45	0.0	0.0	5.1	0.0	-3.4	0.0
	11	0.0	0.0	-5.1	0.0	-3.4	0.0	1.5	.55	0.0	0.0	4.0	0.0	-1.6	0.0
	12	0.0	0.0	-5.1	0.0	-3.4	0.0	1.5	.55	0.0	0.0	4.0	0.0	-1.6	0.0
	13	0.0	0.0	-4.0	0.0	-1.6	0.0	1.5	.45	0.0	0.0	5.1	0.0	-3.4	0.0
	14	0.0	0.0	-4.0	0.0	-1.6	0.0	1.5	.45	0.0	0.0	5.1	0.0	-3.4	0.0
	15	0.0	0.0	-5.1	0.0	-3.4	0.0	1.5	.55	0.0	0.0	4.0	0.0	-1.6	0.0
	16	0.0	0.0	-5.1	0.0	-3.5	0.0	1.5	.55	0.0	0.0	4.0	0.0	-1.5	0.0
	17	0.0	0.0	-4.0	0.0	-1.5	0.0	1.5	.45	0.0	0.0	5.1	0.0	-3.5	0.0
	18	0.0	0.0	-1.0	0.0	1.6	0.0	1.8	.2	0.0	0.0	4.5	0.0	-4.5	0.0
	19	0.0	0.0	-4.5	0.0	-4.5	0.0	1.8	.85	0.0	0.0	1.0	0.0	1.6	0.0
	20	0.0	0.0	-0.9	0.0	1.7	0.0	1.9	.15	0.0	0.0	4.6	0.0	-4.7	0.0
	21	0.0	0.0	-4.6	0.0	-4.7	0.0	1.9	.85	0.0	0.0	0.9	0.0	1.7	0.0
	22	0.0	0.0	-2.7	0.0	-1.5	0.0	0.9	.5	0.0	0.0	2.7	0.0	-1.5	0.0
	23	0.0	0.0	-2.7	0.0	-1.5	0.0	0.9	.5	0.0	0.0	2.7	0.0	-1.5	0.0
	24	0.0	0.0	-2.7	0.0	-1.5	0.0	0.9	.5	0.0	0.0	2.7	0.0	-1.5	0.0
	25	0.0	0.0	-2.7	0.0	-1.5	0.0	0.9	.5	0.0	0.0	2.7	0.0	-1.5	0.0
9 (F' -G)	2	1	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	-1.9	0.0
		2	0.0	0.0	2.4	0.1	0.0	0.0	0.0	0.0	0.0	2.6	0.1	-1.7	0.0
		3	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	-1.7	0.0
		4	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	-1.7	0.0
		5	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	-1.7	0.0
		6	0.0	0.0	2.4	0.1	0.0	0.0	0.0	0.0	0.0	2.6	0.1	-1.7	0.0
		7	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	-1.7	0.0
		8	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	-1.7	0.0
		9	0.0	0.0	2.4	0.1	0.0	0.0	0.0	0.0	0.0	2.6	0.1	-1.7	0.0
		10	0.0	0.0	2.4	0.1	0.0	0.0	0.0	0.0	0.0	2.6	0.1	-1.7	0.0
		11	0.0	0.0	2.4	-0.1	0.0	0.0	0.0	0.0	0.0	2.6	-0.1	-1.7	0.0
		12	0.0	0.0	2.4	0.1	0.0	0.0	0.0	0.0	0.0	2.6	0.1	-1.7	0.0
		13	0.0	0.0	2.4	-0.1	0.0	0.0	0.0	0.0	0.0	2.6	-0.1	-1.7	0.0
		14	0.0	0.0	2.4	0.1	0.0	0.0	0.0	0.0	0.0	2.6	0.1	-1.7	0.0
		15	0.0	0.0	2.4	-0.1	0.0	0.0	0.0	0.0	0.0	2.6	-0.1	-1.7	0.0
		16	0.0	0.0	2.4	0.1	0.0	0.0	0.0	0.0	0.0	2.6	0.1	-1.7	0.0
		17	0.0	0.0	2.4	-0.1	0.0	0.0	0.0	0.0	0.0	2.6	-0.1	-1.7	0.0
		18	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	-1.1	0.0
		19	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	-1.1	0.0
		20	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	-1.1	0.0
		21	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	-1.1	0.0
		22	0.0	0.0	1.5	0.1	0.0	0.0	0.0	0.0	0.0	1.6	0.1	-1.1	0.0

			23	0.0	0.0	1.5	-0.1	0.0	0.0	0.0	0.0	0.0	1.7	-0.1	-1.1	0.0	
			24	0.0	0.0	1.5	0.1	0.0	0.0	0.0	0.0	0.0	1.6	0.1	-1.1	0.0	
			25	0.0	0.0	1.5	-0.1	0.0	0.0	0.0	0.0	0.0	1.7	-0.1	-1.1	0.0	
9 (G-H)	2		1	0.0	0.0	-5.7	0.0	-3.1	0.0	1.6	.5	0.0	0.0	5.9	0.0	-3.5	0.0
			2	0.0	0.0	-3.2	0.0	0.4	0.0	2.1	.3	0.0	0.0	7.1	0.0	-6.3	0.0
			3	0.0	0.0	-6.9	0.0	-6.0	0.0	2.0	.65	0.0	0.0	3.4	0.0	0.0	0.0
			4	0.0	0.0	-3.2	0.0	0.4	0.0	2.1	.3	0.0	0.0	7.1	0.0	-6.3	0.0
			5	0.0	0.0	-6.9	0.0	-6.0	0.0	2.0	.65	0.0	0.0	3.4	0.0	0.1	0.0
			6	0.0	0.0	-3.2	0.0	0.3	0.0	2.1	.3	0.0	0.0	7.1	0.0	-6.2	0.0
			7	0.0	0.0	-6.9	0.0	-5.9	0.0	2.0	.65	0.0	0.0	3.4	0.0	0.0	0.0
			8	0.0	0.0	-3.2	0.0	0.3	0.0	2.1	.3	0.0	0.0	7.0	0.0	-6.2	0.0
			9	0.0	0.0	-6.8	0.0	-5.9	0.0	1.9	.65	0.0	0.0	3.4	0.0	0.0	0.0
			10	0.0	0.0	-4.5	0.0	-1.8	0.0	1.5	.45	0.0	0.0	5.8	0.0	-4.1	0.0
			11	0.0	0.0	-5.6	0.0	-3.7	0.0	1.5	.55	0.0	0.0	4.7	0.0	-2.2	0.0
			12	0.0	0.0	-5.6	0.0	-3.8	0.0	1.5	.55	0.0	0.0	4.7	0.0	-2.2	0.0
			13	0.0	0.0	-4.5	0.0	-1.8	0.0	1.5	.45	0.0	0.0	5.8	0.0	-4.1	0.0
			14	0.0	0.0	-4.5	0.0	-1.8	0.0	1.5	.45	0.0	0.0	5.8	0.0	-4.1	0.0
			15	0.0	0.0	-5.6	0.0	-3.7	0.0	1.5	.55	0.0	0.0	4.7	0.0	-2.2	0.0
			16	0.0	0.0	-5.6	0.0	-3.7	0.0	1.5	.55	0.0	0.0	4.7	0.0	-2.2	0.0
			17	0.0	0.0	-4.5	0.0	-1.9	0.0	1.5	.45	0.0	0.0	5.8	0.0	-4.0	0.0
			18	0.0	0.0	-1.2	0.0	1.5	0.0	1.9	.2	0.0	0.0	5.0	0.0	-5.1	0.0
			19	0.0	0.0	-4.9	0.0	-4.8	0.0	1.8	.8	0.0	0.0	1.3	0.0	1.3	0.0
			20	0.0	0.0	-1.2	0.0	1.4	0.0	1.8	.2	0.0	0.0	4.9	0.0	-5.0	0.0
			21	0.0	0.0	-4.8	0.0	-4.8	0.0	1.7	.8	0.0	0.0	1.3	0.0	1.2	0.0
			22	0.0	0.0	-3.0	0.0	-1.7	0.0	0.9	.5	0.0	0.0	3.1	0.0	-1.9	0.0
			23	0.0	0.0	-3.0	0.0	-1.6	0.0	0.9	.5	0.0	0.0	3.1	0.0	-1.9	0.0
			24	0.0	0.0	-3.0	0.0	-1.6	0.0	0.9	.5	0.0	0.0	3.1	0.0	-1.9	0.0
			25	0.0	0.0	-3.0	0.0	-1.7	0.0	0.9	.5	0.0	0.0	3.1	0.0	-1.8	0.0
9 (H-I)	2		1	0.0	0.0	-2.5	-0.1	-1.8	0.0	0.0	0.0	0.0	0.0	-1.2	-0.1	0.0	0.0
			2	0.0	0.0	-2.3	-0.1	-1.7	0.0	0.0	0.0	0.0	0.0	-1.1	-0.1	0.0	0.0
			3	0.0	0.0	-2.3	-0.1	-1.7	0.0	0.0	0.0	0.0	0.0	-1.1	-0.1	0.0	0.0
			4	0.0	0.0	-2.3	-0.1	-1.7	0.0	0.0	0.0	0.0	0.0	-1.1	-0.1	0.0	0.0
			5	0.0	0.0	-2.3	-0.1	-1.7	0.0	0.0	0.0	0.0	0.0	-1.1	-0.1	0.0	0.0
			6	0.0	0.0	-2.3	-0.1	-1.7	0.0	0.0	0.0	0.0	0.0	-1.1	-0.1	0.0	0.0
			7	0.0	0.0	-2.3	-0.1	-1.7	0.0	0.0	0.0	0.0	0.0	-1.1	-0.1	0.0	0.0
			8	0.0	0.0	-2.3	-0.1	-1.7	0.0	0.0	0.0	0.0	0.0	-1.1	-0.1	0.0	0.0
			9	0.0	0.0	-2.3	-0.1	-1.7	0.0	0.0	0.0	0.0	0.0	-1.1	-0.1	0.0	0.0
			10	0.0	0.0	-2.3	-0.1	-1.7	0.0	0.0	0.0	0.0	0.0	-1.1	-0.1	0.0	0.0
			11	0.0	0.0	-2.3	0.0	-1.7	0.0	0.0	0.0	0.0	0.0	-1.1	0.0	0.0	0.0
			12	0.0	0.0	-2.3	-0.1	-1.7	0.0	0.0	0.0	0.0	0.0	-1.1	-0.1	0.0	0.0
			13	0.0	0.0	-2.3	0.0	-1.7	0.0	0.0	0.0	0.0	0.0	-1.1	0.0	0.0	0.0
			14	0.0	0.0	-2.3	-0.1	-1.7	0.0	0.0	0.0	0.0	0.0	-1.1	-0.1	0.0	0.0
			15	0.0	0.0	-2.3	0.0	-1.7	0.0	0.0	0.0	0.0	0.0	-1.1	0.0	0.0	0.0
			16	0.0	0.0	-2.3	-0.1	-1.7	0.0	0.0	0.0	0.0	0.0	-1.1	-0.1	0.0	0.0

		17	0.0	0.0	-2.3	0.0	-1.7	0.0	0.0	0.0	0.0	0.0	-1.1	0.0	0.0	0.0
		18	0.0	0.0	-1.5	-0.1	-1.1	0.0	0.0	0.0	0.0	0.0	-0.7	-0.1	0.0	0.0
		19	0.0	0.0	-1.5	0.0	-1.1	0.0	0.0	0.0	0.0	0.0	-0.7	0.0	0.0	0.0
		20	0.0	0.0	-1.5	-0.1	-1.1	0.0	0.0	0.0	0.0	0.0	-0.7	-0.1	0.0	0.0
		21	0.0	0.0	-1.5	-0.1	-1.1	0.0	0.0	0.0	0.0	0.0	-0.7	-0.1	0.0	0.0
		22	0.0	0.0	-1.5	-0.1	-1.1	0.0	0.0	0.0	0.0	0.0	-0.8	-0.1	0.0	0.0
		23	0.0	0.0	-1.4	0.0	-1.1	0.0	0.0	0.0	0.0	0.0	-0.7	0.0	0.0	0.0
		24	0.0	0.0	-1.5	-0.1	-1.1	0.0	0.0	0.0	0.0	0.0	-0.8	-0.1	0.0	0.0
		25	0.0	0.0	-1.4	0.0	-1.1	0.0	0.0	0.0	0.0	0.0	-0.7	0.0	0.0	0.0
10 (F'-G)	2	1	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	-1.8	0.0
		2	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	-1.6	0.0
		3	0.0	0.0	2.3	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	2.5	-0.1	-1.6	0.0
		4	0.0	0.0	2.3	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	2.5	-0.1	-1.6	0.0
		5	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	-1.6	0.0
		6	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	-1.6	0.0
		7	0.0	0.0	2.3	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	2.5	-0.1	-1.6	0.0
		8	0.0	0.0	2.3	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	2.5	-0.1	-1.6	0.0
		9	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	-1.6	0.0
		10	0.0	0.0	2.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.1	-1.7	0.0
		11	0.0	0.0	2.3	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	2.5	-0.1	-1.6	0.0
		12	0.0	0.0	2.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.1	-1.6	0.0
		13	0.0	0.0	2.3	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	2.5	-0.1	-1.6	0.0
		14	0.0	0.0	2.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.1	-1.7	0.0
		15	0.0	0.0	2.3	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	2.5	-0.1	-1.6	0.0
		16	0.0	0.0	2.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.1	-1.6	0.0
		17	0.0	0.0	2.3	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	2.5	-0.1	-1.6	0.0
		18	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	-1.0	0.0
		19	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	-1.0	0.0
		20	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	-1.0	0.0
		21	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	-1.0	0.0
		22	0.0	0.0	1.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.1	-1.0	0.0
		23	0.0	0.0	1.4	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.6	-0.1	-1.0	0.0
		24	0.0	0.0	1.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.1	-1.0	0.0
		25	0.0	0.0	1.4	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.6	-0.1	-1.0	0.0
10 (G-H)	2	1	0.0	0.0	-5.5	0.0	-2.9	0.0	1.5	.45	0.0	0.0	6.1	0.0	-3.9	0.0
		2	0.0	0.0	-2.9	0.0	0.7	0.0	2.2	.3	0.0	0.0	7.3	0.0	-6.8	0.0
		3	0.0	0.0	-6.8	0.0	-5.9	0.0	1.8	.65	0.0	0.0	3.5	0.0	-0.2	0.0
		4	0.0	0.0	-2.9	0.0	0.8	0.0	2.2	.3	0.0	0.0	7.4	0.0	-6.9	0.0
		5	0.0	0.0	-6.8	0.0	-6.0	0.0	1.8	.65	0.0	0.0	3.5	0.0	-0.2	0.0
		6	0.0	0.0	-3.1	0.0	0.4	0.0	2.1	.3	0.0	0.0	7.2	0.0	-6.6	0.0
		7	0.0	0.0	-6.6	0.0	-5.6	0.0	1.7	.65	0.0	0.0	3.6	0.0	-0.5	0.0
		8	0.0	0.0	-3.1	0.0	0.4	0.0	2.0	.3	0.0	0.0	7.1	0.0	-6.5	0.0
		9	0.0	0.0	-6.6	0.0	-5.6	0.0	1.7	.65	0.0	0.0	3.7	0.0	-0.5	0.0
		10	0.0	0.0	-4.3	0.0	-1.7	0.0	1.5	.4	0.0	0.0	6.0	0.0	-4.5	0.0

		11	0.0	0.0	-5.4	0.0	-3.5	0.0	1.4	.55	0.0	0.0	4.9	0.0	-2.6	0.0
		12	0.0	0.0	-5.5	0.0	-3.7	0.0	1.4	.55	0.0	0.0	4.8	0.0	-2.5	0.0
		13	0.0	0.0	-4.3	0.0	-1.5	0.0	1.5	.4	0.0	0.0	6.0	0.0	-4.6	0.0
		14	0.0	0.0	-4.3	0.0	-1.6	0.0	1.5	.4	0.0	0.0	6.0	0.0	-4.5	0.0
		15	0.0	0.0	-5.5	0.0	-3.6	0.0	1.4	.55	0.0	0.0	4.8	0.0	-2.5	0.0
		16	0.0	0.0	-5.3	0.0	-3.4	0.0	1.4	.5	0.0	0.0	4.9	0.0	-2.7	0.0
		17	0.0	0.0	-4.4	0.0	-1.8	0.0	1.4	.45	0.0	0.0	5.9	0.0	-4.3	0.0
		18	0.0	0.0	-1.0	0.0	1.8	0.0	2.1	.15	0.0	0.0	5.2	0.0	-5.5	0.0
		19	0.0	0.0	-4.8	0.0	-4.9	0.0	1.7	.8	0.0	0.0	1.3	0.0	1.2	0.0
		20	0.0	0.0	-1.1	0.0	1.5	0.0	1.8	.2	0.0	0.0	5.0	0.0	-5.1	0.0
		21	0.0	0.0	-4.6	0.0	-4.6	0.0	1.5	.75	0.0	0.0	1.5	0.0	0.9	0.0
		22	0.0	0.0	-2.9	0.0	-1.6	0.0	0.8	.5	0.0	0.0	3.2	0.0	-2.1	0.0
		23	0.0	0.0	-2.9	0.0	-1.5	0.0	0.8	.45	0.0	0.0	3.3	0.0	-2.2	0.0
		24	0.0	0.0	-2.8	0.0	-1.4	0.0	0.8	.45	0.0	0.0	3.3	0.0	-2.2	0.0
		25	0.0	0.0	-3.0	0.0	-1.6	0.0	0.8	.5	0.0	0.0	3.2	0.0	-2.0	0.0
10 (H-I)	2	1	0.0	0.0	-4.9	0.0	-3.8	0.0	0.0	1.0	0.0	0.0	-2.8	0.0	0.0	0.0
		2	0.0	0.0	-4.5	0.0	-3.5	0.0	0.0	1.0	0.0	0.0	-2.6	0.0	0.0	0.0
		3	0.0	0.0	-4.5	0.0	-3.6	0.0	0.0	1.0	0.0	0.0	-2.6	0.0	0.0	0.0
		4	0.0	0.0	-4.5	0.0	-3.6	0.0	0.0	1.0	0.0	0.0	-2.6	0.0	0.0	0.0
		5	0.0	0.0	-4.5	0.0	-3.5	0.0	0.0	1.0	0.0	0.0	-2.6	0.0	0.0	0.0
		6	0.0	0.0	-4.5	0.0	-3.5	0.0	0.0	1.0	0.0	0.0	-2.6	0.0	0.0	0.0
		7	0.0	0.0	-4.5	0.0	-3.6	0.0	0.0	1.0	0.0	0.0	-2.6	0.0	0.0	0.0
		8	0.0	0.0	-4.5	0.0	-3.6	0.0	0.0	1.0	0.0	0.0	-2.6	0.0	0.0	0.0
		9	0.0	0.0	-4.5	0.0	-3.5	0.0	0.0	1.0	0.0	0.0	-2.6	0.0	0.0	0.0
		10	0.0	0.0	-4.5	0.0	-3.5	0.0	0.0	1.0	0.0	0.0	-2.6	0.0	0.0	0.0
		11	0.0	0.0	-4.5	0.1	-3.6	0.0	0.0	1.0	0.0	0.0	-2.6	0.1	0.0	0.0
		12	0.0	0.0	-4.5	0.0	-3.5	0.0	0.0	1.0	0.0	0.0	-2.6	0.0	0.0	0.0
		13	0.0	0.0	-4.5	0.1	-3.6	0.0	0.0	1.0	0.0	0.0	-2.6	0.1	0.0	0.0
		14	0.0	0.0	-4.5	0.0	-3.5	0.0	0.0	1.0	0.0	0.0	-2.6	0.0	0.0	0.0
		15	0.0	0.0	-4.5	0.1	-3.6	0.0	0.0	1.0	0.0	0.0	-2.6	0.1	0.0	0.0
		16	0.0	0.0	-4.5	0.0	-3.5	0.0	0.0	1.0	0.0	0.0	-2.6	0.0	0.0	0.0
		17	0.0	0.0	-4.5	0.1	-3.6	0.0	0.0	1.0	0.0	0.0	-2.6	0.1	0.0	0.0
		18	0.0	0.0	-2.9	0.0	-2.3	0.0	0.0	1.0	0.0	0.0	-1.8	0.0	0.0	0.0
		19	0.0	0.0	-2.9	0.0	-2.3	0.0	0.0	1.0	0.0	0.0	-1.8	0.0	0.0	0.0
		20	0.0	0.0	-2.9	0.0	-2.3	0.0	0.0	1.0	0.0	0.0	-1.8	0.0	0.0	0.0
		21	0.0	0.0	-2.9	0.0	-2.3	0.0	0.0	1.0	0.0	0.0	-1.8	0.0	0.0	0.0
		22	0.0	0.0	-2.9	0.0	-2.3	0.0	0.0	1.0	0.0	0.0	-1.8	0.0	0.0	0.0
		23	0.0	0.0	-2.9	0.1	-2.3	0.0	0.0	1.0	0.0	0.0	-1.8	0.1	0.0	0.0
		24	0.0	0.0	-2.9	-0.1	-2.3	0.0	0.0	1.0	0.0	0.0	-1.8	-0.1	0.0	0.0
		25	0.0	0.0	-2.9	0.1	-2.3	0.0	0.0	1.0	0.0	0.0	-1.8	0.1	0.0	0.0
11 (F'-G)	2	1	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	-1.4	0.0
		2	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	-1.3	0.0
		3	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	-1.4	0.0
		4	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	-1.3	0.0

5	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	-1.3	0.0		
6	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	-1.3	0.0		
7	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	-1.3	0.0		
8	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	-1.3	0.0		
9	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	-1.3	0.0		
10	0.0	0.0	1.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.1	-1.2	0.0		
11	0.0	0.0	1.9	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	2.1	-0.1	-1.4	0.0		
12	0.0	0.0	1.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.1	-1.3	0.0		
13	0.0	0.0	1.9	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	2.1	-0.1	-1.4	0.0		
14	0.0	0.0	1.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.1	-1.2	0.0		
15	0.0	0.0	1.9	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	2.1	-0.1	-1.4	0.0		
16	0.0	0.0	1.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.1	-1.3	0.0		
17	0.0	0.0	1.9	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	2.1	-0.1	-1.4	0.0		
18	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	-0.8	0.0		
19	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	-0.9	0.0		
20	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	-0.8	0.0		
21	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	-0.8	0.0		
22	0.0	0.0	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.1	-0.8	0.0		
23	0.0	0.0	1.2	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.4	-0.1	-0.9	0.0		
24	0.0	0.0	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.1	-0.8	0.0		
25	0.0	0.0	1.2	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.4	-0.1	-0.9	0.0		
11 (G-H)	2	1	0.0	0.0	-4.8	0.0	-2.5	0.0	1.4	.45	0.0	0.0	5.4	0.0	-3.5	0.0
		2	0.0	0.0	-2.3	0.0	1.2	0.0	2.2	.25	0.0	0.0	6.8	0.0	-6.6	0.0
		3	0.0	0.0	-6.3	0.0	-5.7	0.0	1.8	.7	0.0	0.0	2.8	0.0	0.3	0.0
		4	0.0	0.0	-2.3	0.0	1.2	0.0	2.2	.25	0.0	0.0	6.8	0.0	-6.6	0.0
		5	0.0	0.0	-6.3	0.0	-5.8	0.0	1.8	.7	0.0	0.0	2.8	0.0	0.4	0.0
		6	0.0	0.0	-2.6	0.0	0.7	0.0	2.0	.3	0.0	0.0	6.6	0.0	-6.1	0.0
		7	0.0	0.0	-6.0	0.0	-5.3	0.0	1.6	.65	0.0	0.0	3.1	0.0	-0.1	0.0
		8	0.0	0.0	-2.6	0.0	0.6	0.0	1.9	.3	0.0	0.0	6.5	0.0	-6.0	0.0
		9	0.0	0.0	-6.0	0.0	-5.1	0.0	1.6	.65	0.0	0.0	3.1	0.0	-0.2	0.0
		10	0.0	0.0	-3.8	0.0	-1.3	0.0	1.4	.4	0.0	0.0	5.4	0.0	-4.1	0.0
		11	0.0	0.0	-4.9	0.0	-3.2	0.0	1.2	.55	0.0	0.0	4.3	0.0	-2.2	0.0
		12	0.0	0.0	-5.0	0.0	-3.4	0.0	1.3	.55	0.0	0.0	4.2	0.0	-2.0	0.0
		13	0.0	0.0	-3.6	0.0	-1.1	0.0	1.4	.4	0.0	0.0	5.5	0.0	-4.3	0.0
		14	0.0	0.0	-3.7	0.0	-1.2	0.0	1.4	.4	0.0	0.0	5.4	0.0	-4.2	0.0
		15	0.0	0.0	-4.9	0.0	-3.3	0.0	1.2	.55	0.0	0.0	4.2	0.0	-2.1	0.0
		16	0.0	0.0	-4.7	0.0	-3.0	0.0	1.2	.5	0.0	0.0	4.4	0.0	-2.4	0.0
		17	0.0	0.0	-3.9	0.0	-1.5	0.0	1.3	.45	0.0	0.0	5.2	0.0	-3.8	0.0
		18	0.0	0.0	-0.5	0.0	2.1	0.0	2.2	.1	0.0	0.0	4.9	0.0	-5.4	0.0
		19	0.0	0.0	-4.6	0.0	-4.8	0.0	1.8	.85	0.0	0.0	0.9	0.0	1.6	0.0
		20	0.0	0.0	-0.9	0.0	1.6	0.0	1.8	.15	0.0	0.0	4.6	0.0	-4.8	0.0
		21	0.0	0.0	-4.3	0.0	-4.3	0.0	1.5	.8	0.0	0.0	1.2	0.0	1.1	0.0
		22	0.0	0.0	-2.6	0.0	-1.4	0.0	0.7	.5	0.0	0.0	2.8	0.0	-1.8	0.0
		23	0.0	0.0	-2.5	0.0	-1.3	0.0	0.7	.45	0.0	0.0	2.9	0.0	-2.0	0.0
		24	0.0	0.0	-2.5	0.0	-1.2	0.0	0.8	.45	0.0	0.0	3.0	0.0	-2.1	0.0

		25	0.0	0.0	-2.7	0.0	-1.5	0.0	0.7	.5	0.0	0.0	2.8	0.0	-1.7	0.0
11 (H-I)	2	1	0.0	0.0	-4.1	0.0	-3.1	0.0	0.0	1.0	0.0	0.0	-2.2	0.0	0.0	0.0
		2	0.0	0.0	-3.8	0.0	-2.9	0.0	0.0	1.0	0.0	0.0	-2.1	0.0	0.0	0.0
		3	0.0	0.0	-3.7	0.0	-2.9	0.0	0.0	1.0	0.0	0.0	-2.1	0.0	0.0	0.0
		4	0.0	0.0	-3.7	0.0	-2.9	0.0	0.0	1.0	0.0	0.0	-2.1	0.0	0.0	0.0
		5	0.0	0.0	-3.8	0.0	-2.9	0.0	0.0	1.0	0.0	0.0	-2.1	0.0	0.0	0.0
		6	0.0	0.0	-3.8	0.0	-2.9	0.0	0.0	1.0	0.0	0.0	-2.1	0.0	0.0	0.0
		7	0.0	0.0	-3.7	0.0	-2.9	0.0	0.0	1.0	0.0	0.0	-2.1	0.0	0.0	0.0
		8	0.0	0.0	-3.7	0.0	-2.9	0.0	0.0	1.0	0.0	0.0	-2.1	0.0	0.0	0.0
		9	0.0	0.0	-3.8	0.0	-2.9	0.0	0.0	1.0	0.0	0.0	-2.1	0.0	0.0	0.0
		10	0.0	0.0	-3.8	-0.1	-2.9	0.0	0.0	1.0	0.0	0.0	-2.1	-0.1	0.0	0.0
		11	0.0	0.0	-3.7	0.1	-2.9	0.0	0.0	1.0	0.0	0.0	-2.1	0.1	0.0	0.0
		12	0.0	0.0	-3.8	-0.1	-2.9	0.0	0.0	1.0	0.0	0.0	-2.1	-0.1	0.0	0.0
		13	0.0	0.0	-3.7	0.0	-2.9	0.0	0.0	1.0	0.0	0.0	-2.1	0.0	0.0	0.0
		14	0.0	0.0	-3.8	-0.1	-2.9	0.0	0.0	1.0	0.0	0.0	-2.1	-0.1	0.0	0.0
		15	0.0	0.0	-3.7	0.1	-2.9	0.0	0.0	1.0	0.0	0.0	-2.1	0.1	0.0	0.0
		16	0.0	0.0	-3.8	-0.1	-2.9	0.0	0.0	1.0	0.0	0.0	-2.1	-0.1	0.0	0.0
		17	0.0	0.0	-3.7	0.1	-2.9	0.0	0.0	1.0	0.0	0.0	-2.1	0.1	0.0	0.0
		18	0.0	0.0	-2.4	0.0	-1.9	0.0	0.0	1.0	0.0	0.0	-1.4	0.0	0.0	0.0
		19	0.0	0.0	-2.4	0.0	-1.9	0.0	0.0	1.0	0.0	0.0	-1.4	0.0	0.0	0.0
		20	0.0	0.0	-2.4	0.0	-1.9	0.0	0.0	1.0	0.0	0.0	-1.4	0.0	0.0	0.0
		21	0.0	0.0	-2.4	0.0	-1.9	0.0	0.0	1.0	0.0	0.0	-1.4	0.0	0.0	0.0
		22	0.0	0.0	-2.4	-0.1	-1.9	0.0	0.0	1.0	0.0	0.0	-1.4	-0.1	0.0	0.0
		23	0.0	0.0	-2.4	0.1	-1.9	0.0	0.0	1.0	0.0	0.0	-1.4	0.1	0.0	0.0
		24	0.0	0.0	-2.4	-0.1	-1.9	0.0	0.0	1.0	0.0	0.0	-1.4	-0.1	0.0	0.0
		25	0.0	0.0	-2.4	0.1	-1.9	0.0	0.0	1.0	0.0	0.0	-1.4	0.1	0.0	0.0
12 (F'-G)	2	1	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	-1.5	0.0
		2	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	-1.5	0.0
		3	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	-1.2	0.0
		4	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	-1.3	0.0
		5	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	-1.4	0.0
		6	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	-1.5	0.0
		7	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	-1.3	0.0
		8	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	-1.3	0.0
		9	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	-1.4	0.0
		10	0.0	0.0	2.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.1	-1.7	0.0
		11	0.0	0.0	1.5	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.7	-0.1	-1.1	0.0
		12	0.0	0.0	2.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.1	-1.6	0.0
		13	0.0	0.0	1.5	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.7	-0.1	-1.1	0.0
		14	0.0	0.0	2.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.1	-1.7	0.0
		15	0.0	0.0	1.5	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.7	-0.1	-1.1	0.0
		16	0.0	0.0	2.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.1	-1.6	0.0
		17	0.0	0.0	1.5	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.7	-0.1	-1.1	0.0
		18	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	-0.9	0.0



19	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	-0.8	0.0
20	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	-0.9	0.0
21	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	-0.8	0.0
22	0.0	0.0	1.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.1	-1.1	0.0
23	0.0	0.0	0.8	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	-0.1	-0.6	0.0
24	0.0	0.0	1.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.1	-1.2	0.0
25	0.0	0.0	0.8	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	-0.1	-0.6	0.0

12 (G-H)	2	1	0.0	0.0	-2.3	0.0	-0.7	0.0	1.0	.4	0.0	0.0	3.3	0.0	-2.4	0.0
		2	0.0	0.0	0.0	0.0	3.0	0.0	3.0	0.0	0.0	0.0	5.1	0.0	-5.7	0.0
		3	0.0	0.0	-4.2	0.0	-4.3	0.0	1.7	.85	0.0	0.0	0.9	0.0	1.5	0.0
		4	0.0	0.0	0.0	0.0	3.1	0.0	3.1	0.0	0.0	0.0	5.1	0.0	-5.8	0.0
		5	0.0	0.0	-4.3	0.0	-4.4	0.0	1.8	.85	0.0	0.0	0.8	0.0	1.6	0.0
		6	0.0	0.0	-0.4	0.0	2.3	0.0	2.4	.1	0.0	0.0	4.7	0.0	-5.1	0.0
		7	0.0	0.0	-3.9	0.0	-3.7	0.0	1.4	.75	0.0	0.0	1.2	0.0	0.9	0.0
		8	0.0	0.0	-0.5	0.0	2.2	0.0	2.3	.1	0.0	0.0	4.6	0.0	-4.9	0.0
		9	0.0	0.0	-3.8	0.0	-3.6	0.0	1.3	.75	0.0	0.0	1.3	0.0	0.7	0.0
		10	0.0	0.0	-1.6	0.0	0.3	0.0	1.1	.3	0.0	0.0	3.5	0.0	-3.0	0.0
		11	0.0	0.0	-2.7	0.0	-1.6	0.0	0.8	.55	0.0	0.0	2.4	0.0	-1.2	0.0
		12	0.0	0.0	-2.9	0.0	-2.0	0.0	0.8	.55	0.0	0.0	2.2	0.0	-0.9	0.0
		13	0.0	0.0	-1.4	0.0	0.6	0.0	1.2	.25	0.0	0.0	3.7	0.0	-3.3	0.0
		14	0.0	0.0	-1.5	0.0	0.4	0.0	1.2	.3	0.0	0.0	3.6	0.0	-3.2	0.0
		15	0.0	0.0	-2.7	0.0	-1.8	0.0	0.8	.55	0.0	0.0	2.3	0.0	-1.0	0.0
		16	0.0	0.0	-2.5	0.0	-1.4	0.0	0.8	.5	0.0	0.0	2.6	0.0	-1.4	0.0
		17	0.0	0.0	-1.7	0.0	0.0	0.0	1.0	.35	0.0	0.0	3.3	0.0	-2.8	0.0
		18	0.0	0.0	0.8	0.0	3.2	0.0	3.2	0.0	0.0	0.0	3.9	0.0	-4.9	0.0
		19	0.0	0.0	-3.4	0.0	-4.1	0.0	2.4	1.0	0.0	0.0	-0.3	0.0	2.4	0.0
		20	0.0	0.0	0.4	0.0	2.5	0.0	2.5	0.0	0.0	0.0	3.5	0.0	-4.2	0.0
		21	0.0	0.0	-3.0	0.0	-3.4	0.0	1.6	.95	0.0	0.0	0.1	0.0	1.6	0.0
		22	0.0	0.0	-1.4	0.0	-0.6	0.0	0.5	.45	0.0	0.0	1.7	0.0	-1.1	0.0
		23	0.0	0.0	-1.2	0.0	-0.3	0.0	0.5	.4	0.0	0.0	1.9	0.0	-1.4	0.0
		24	0.0	0.0	-1.2	0.0	-0.3	0.0	0.5	.4	0.0	0.0	1.9	0.0	-1.5	0.0
		25	0.0	0.0	-1.4	0.0	-0.6	0.0	0.5	.45	0.0	0.0	1.7	0.0	-1.1	0.0

12 (H-I)	2	1	0.0	0.0	-2.0	0.0	-1.4	0.0	0.0	0.0	0.0	0.0	-0.9	0.0	0.0	0.0
		2	0.0	0.0	-1.8	0.0	-1.3	0.0	0.0	0.0	0.0	0.0	-0.8	0.0	0.0	0.0
		3	0.0	0.0	-1.8	0.1	-1.4	0.0	0.0	0.0	0.0	0.0	-0.8	0.1	0.0	0.0
		4	0.0	0.0	-1.8	0.0	-1.4	0.0	0.0	0.0	0.0	0.0	-0.8	0.0	0.0	0.0
		5	0.0	0.0	-1.8	0.0	-1.3	0.0	0.0	0.0	0.0	0.0	-0.8	0.0	0.0	0.0
		6	0.0	0.0	-1.8	0.0	-1.3	0.0	0.0	0.0	0.0	0.0	-0.8	0.0	0.0	0.0
		7	0.0	0.0	-1.8	0.1	-1.4	0.0	0.0	0.0	0.0	0.0	-0.8	0.1	0.0	0.0
		8	0.0	0.0	-1.8	0.1	-1.4	0.0	0.0	0.0	0.0	0.0	-0.8	0.1	0.0	0.0
		9	0.0	0.0	-1.8	0.0	-1.3	0.0	0.0	0.0	0.0	0.0	-0.8	0.0	0.0	0.0
		10	0.0	0.0	-1.8	0.0	-1.3	0.0	0.0	0.0	0.0	0.0	-0.8	0.0	0.0	0.0
		11	0.0	0.0	-1.9	0.1	-1.4	0.0	0.0	0.0	0.0	0.0	-0.9	0.1	0.0	0.0
		12	0.0	0.0	-1.8	0.0	-1.3	0.0	0.0	0.0	0.0	0.0	-0.8	0.0	0.0	0.0

		13	0.0	0.0	-1.8	0.1	-1.4	0.0	0.0	0.0	0.0	0.0	-0.9	0.1	0.0	0.0
		14	0.0	0.0	-1.8	0.0	-1.3	0.0	0.0	0.0	0.0	0.0	-0.8	0.0	0.0	0.0
		15	0.0	0.0	-1.9	0.1	-1.4	0.0	0.0	0.0	0.0	0.0	-0.9	0.1	0.0	0.0
		16	0.0	0.0	-1.8	0.0	-1.3	0.0	0.0	0.0	0.0	0.0	-0.8	0.0	0.0	0.0
		17	0.0	0.0	-1.9	0.1	-1.4	0.0	0.0	0.0	0.0	0.0	-0.9	0.1	0.0	0.0
		18	0.0	0.0	-1.2	0.0	-0.9	0.0	0.0	0.0	0.0	0.0	-0.6	0.0	0.0	0.0
		19	0.0	0.0	-1.2	0.0	-0.9	0.0	0.0	0.0	0.0	0.0	-0.6	0.0	0.0	0.0
		20	0.0	0.0	-1.2	0.0	-0.9	0.0	0.0	0.0	0.0	0.0	-0.6	0.0	0.0	0.0
		21	0.0	0.0	-1.2	0.0	-0.9	0.0	0.0	0.0	0.0	0.0	-0.6	0.0	0.0	0.0
		22	0.0	0.0	-1.2	0.0	-0.9	0.0	0.0	0.0	0.0	0.0	-0.5	0.0	0.0	0.0
		23	0.0	0.0	-1.2	0.1	-0.9	0.0	0.0	0.0	0.0	0.0	-0.6	0.1	0.0	0.0
		24	0.0	0.0	-1.2	0.0	-0.9	0.0	0.0	0.0	0.0	0.0	-0.5	0.0	0.0	0.0
		25	0.0	0.0	-1.2	0.1	-0.9	0.0	0.0	0.0	0.0	0.0	-0.6	0.1	0.0	0.0
13 (B-C)	2	1	-4.7	-0.1	-0.8	0.0	-0.1	-0.6	0.7	1.0	-4.7	-0.1	-0.4	0.0	0.7	-0.5
		2	-4.2	0.0	-0.6	0.0	0.1	-0.4	0.7	1.0	-4.2	0.0	-0.2	0.0	0.7	-0.4
		3	-4.0	-0.2	-1.0	0.0	-0.3	-0.7	0.8	1.0	-4.0	-0.2	-0.6	0.0	0.8	-0.5
		4	-4.2	-0.1	-0.6	0.0	0.2	-0.5	0.7	1.0	-4.2	-0.1	-0.2	0.0	0.7	-0.4
		5	-4.0	-0.1	-1.0	0.0	-0.3	-0.6	0.8	1.0	-4.0	-0.1	-0.6	0.0	0.8	-0.5
		6	-4.2	0.0	-0.7	0.0	0.1	-0.4	0.7	1.0	-4.2	0.0	-0.2	0.0	0.7	-0.4
		7	-4.0	-0.1	-1.0	0.0	-0.3	-0.7	0.8	1.0	-4.0	-0.1	-0.5	0.0	0.8	-0.5
		8	-4.2	-0.1	-0.7	0.0	0.1	-0.5	0.7	1.0	-4.2	-0.1	-0.2	0.0	0.7	-0.4
		9	-4.0	-0.1	-0.9	0.0	-0.3	-0.6	0.8	1.0	-4.0	-0.1	-0.5	0.0	0.8	-0.5
		10	-4.2	0.0	-0.8	0.0	0.0	-0.4	0.7	1.0	-4.2	0.0	-0.3	0.0	0.7	-0.4
		11	-4.0	-0.2	-0.9	0.0	-0.1	-0.7	0.8	1.0	-4.0	-0.2	-0.4	0.0	0.8	-0.4
		12	-4.1	0.0	-0.9	0.0	-0.2	-0.5	0.8	1.0	-4.1	0.0	-0.5	0.0	0.8	-0.5
		13	-4.1	-0.2	-0.7	0.0	0.0	-0.6	0.7	1.0	-4.1	-0.2	-0.3	0.0	0.7	-0.4
		14	-4.2	0.0	-0.8	0.0	0.0	-0.4	0.7	1.0	-4.2	0.0	-0.3	0.0	0.7	-0.4
		15	-4.0	-0.2	-0.9	0.0	-0.1	-0.7	0.8	1.0	-4.0	-0.2	-0.4	0.0	0.8	-0.4
		16	-4.1	0.0	-0.8	0.0	-0.1	-0.5	0.8	1.0	-4.1	0.0	-0.4	0.0	0.8	-0.4
		17	-4.1	-0.2	-0.8	0.0	0.0	-0.6	0.7	1.0	-4.1	-0.2	-0.4	0.0	0.7	-0.4
		18	-2.4	0.0	-0.4	0.0	0.2	-0.2	0.6	1.0	-2.4	0.0	-0.1	0.0	0.6	-0.2
		19	-2.2	-0.1	-0.8	0.0	-0.3	-0.4	0.6	1.0	-2.2	-0.1	-0.5	0.0	0.6	-0.3
		20	-2.4	0.0	-0.5	0.0	0.1	-0.2	0.6	1.0	-2.4	0.0	-0.2	0.0	0.6	-0.2
		21	-2.2	-0.1	-0.8	0.0	-0.2	-0.4	0.6	1.0	-2.2	-0.1	-0.4	0.0	0.6	-0.3
		22	-2.3	0.1	-0.6	0.0	-0.1	-0.2	0.6	1.0	-2.3	0.1	-0.3	0.0	0.6	-0.3
		23	-2.3	-0.2	-0.6	0.0	0.0	-0.4	0.6	1.0	-2.3	-0.2	-0.3	0.0	0.6	-0.2
		24	-2.3	0.0	-0.6	0.0	0.0	-0.2	0.6	1.0	-2.3	0.0	-0.3	0.0	0.6	-0.3
		25	-2.3	-0.1	-0.6	0.0	-0.1	-0.4	0.6	1.0	-2.3	-0.1	-0.3	0.0	0.6	-0.2
13 (C-D)	2	1	-4.7	-0.1	-0.4	0.0	0.7	-0.5	1.0	.55	-4.7	-0.1	0.3	0.0	0.8	-0.3
		2	-4.1	0.0	-0.2	0.0	0.7	-0.4	0.8	.3	-4.1	0.0	0.5	0.0	0.4	-0.3
		3	-4.1	-0.2	-0.6	0.0	0.8	-0.5	1.3	.8	-4.1	-0.2	0.1	0.0	1.3	-0.1
		4	-4.1	0.0	-0.2	0.0	0.7	-0.4	0.8	.3	-4.1	0.0	0.5	0.0	0.4	-0.2
		5	-4.1	-0.1	-0.6	0.0	0.8	-0.5	1.3	.85	-4.1	-0.1	0.1	0.0	1.3	-0.2
		6	-4.1	0.0	-0.2	0.0	0.7	-0.4	0.8	.35	-4.1	0.0	0.5	0.0	0.5	-0.3

	7	-4.1	-0.1	-0.5	0.0	0.8	-0.5	1.2	.75	-4.1	-0.1	0.2	0.0	1.2	-0.2	
	8	-4.1	-0.1	-0.2	0.0	0.7	-0.4	0.8	.35	-4.1	-0.1	0.5	0.0	0.5	-0.2	
	9	-4.1	-0.1	-0.5	0.0	0.8	-0.5	1.2	.75	-4.1	-0.1	0.2	0.0	1.2	-0.2	
	10	-4.1	0.0	-0.3	0.0	0.7	-0.4	0.9	.5	-4.1	0.0	0.4	0.0	0.7	-0.4	
	11	-4.1	-0.1	-0.4	0.0	0.8	-0.4	1.1	.65	-4.1	-0.1	0.3	0.0	1.0	-0.1	
	12	-4.1	-0.1	-0.5	0.0	0.8	-0.5	1.1	.65	-4.1	-0.1	0.2	0.0	1.0	-0.3	
	13	-4.1	-0.1	-0.3	0.0	0.7	-0.4	0.9	.45	-4.1	-0.1	0.4	0.0	0.7	-0.1	
	14	-4.1	0.0	-0.3	0.0	0.7	-0.4	0.9	.5	-4.1	0.0	0.4	0.0	0.7	-0.3	
	15	-4.1	-0.1	-0.4	0.0	0.8	-0.4	1.1	.65	-4.1	-0.1	0.3	0.0	1.0	-0.1	
	16	-4.1	-0.1	-0.4	0.0	0.8	-0.4	1.0	.6	-4.1	-0.1	0.3	0.0	0.9	-0.3	
	17	-4.1	-0.1	-0.4	0.0	0.7	-0.4	1.0	.5	-4.1	-0.1	0.3	0.0	0.8	-0.2	
	18	-2.3	0.0	-0.1	0.0	0.6	-0.2	0.6	.2	-2.3	0.0	0.4	0.0	0.2	-0.2	
	19	-2.3	-0.1	-0.5	0.0	0.6	-0.3	1.1	.95	-2.3	-0.1	0.0	0.0	1.1	-0.1	
	20	-2.3	0.0	-0.2	0.0	0.6	-0.2	0.6	.3	-2.3	0.0	0.4	0.0	0.3	-0.2	
	21	-2.3	-0.1	-0.4	0.0	0.6	-0.3	1.0	.85	-2.3	-0.1	0.1	0.0	1.0	-0.1	
	22	-2.3	0.0	-0.3	0.0	0.6	-0.3	0.8	.6	-2.3	0.0	0.2	0.0	0.7	-0.2	
	23	-2.3	-0.1	-0.3	0.0	0.6	-0.2	0.8	.55	-2.3	-0.1	0.2	0.0	0.7	0.0	
	24	-2.3	0.0	-0.3	0.0	0.6	-0.3	0.8	.55	-2.3	0.0	0.2	0.0	0.6	-0.2	
	25	-2.3	-0.1	-0.3	0.0	0.6	-0.2	0.8	.6	-2.3	-0.1	0.2	0.0	0.7	0.0	
13 (D-D')	2	1	-4.7	-0.1	0.3	0.0	0.8	-0.3	0.8	0.0	-4.7	-0.1	0.7	0.0	0.2	-0.1
		2	-4.0	0.0	0.5	0.0	0.4	-0.3	0.4	0.0	-4.0	0.0	0.9	0.0	-0.4	-0.3
		3	-4.2	-0.1	0.1	0.0	1.3	-0.1	1.3	0.0	-4.2	-0.1	0.5	0.0	0.9	0.0
		4	-4.0	0.0	0.5	0.0	0.4	-0.2	0.4	0.0	-4.0	0.0	0.9	0.0	-0.4	-0.2
		5	-4.2	-0.1	0.1	0.0	1.3	-0.2	1.3	0.0	-4.2	-0.1	0.5	0.0	0.9	0.0
		6	-4.1	-0.1	0.5	0.0	0.5	-0.3	0.5	0.0	-4.1	-0.1	0.8	0.0	-0.3	-0.2
		7	-4.1	-0.1	0.2	0.0	1.2	-0.2	1.2	0.0	-4.1	-0.1	0.5	0.0	0.8	0.0
		8	-4.1	0.0	0.5	0.0	0.5	-0.2	0.5	0.0	-4.1	0.0	0.8	0.0	-0.3	-0.2
		9	-4.1	-0.1	0.2	0.0	1.2	-0.2	1.2	0.0	-4.1	-0.1	0.5	0.0	0.8	-0.1
		10	-4.1	-0.1	0.4	0.0	0.7	-0.4	0.7	0.0	-4.1	-0.1	0.7	0.0	0.1	-0.2
		11	-4.1	-0.1	0.3	0.0	1.0	-0.1	1.0	0.0	-4.1	-0.1	0.6	0.0	0.4	0.0
		12	-4.2	-0.1	0.2	0.0	1.0	-0.3	1.0	0.0	-4.2	-0.1	0.6	0.0	0.5	-0.2
		13	-4.0	0.0	0.4	0.0	0.7	-0.1	0.7	0.0	-4.0	0.0	0.7	0.0	0.0	-0.1
		14	-4.1	-0.1	0.4	0.0	0.7	-0.3	0.7	0.0	-4.1	-0.1	0.7	0.0	0.1	-0.2
		15	-4.1	-0.1	0.3	0.0	1.0	-0.1	1.0	0.0	-4.1	-0.1	0.6	0.0	0.5	0.0
		16	-4.1	-0.1	0.3	0.0	0.9	-0.3	0.9	0.0	-4.1	-0.1	0.6	0.0	0.4	-0.2
		17	-4.1	-0.1	0.3	0.0	0.8	-0.2	0.8	0.0	-4.1	-0.1	0.7	0.0	0.1	-0.1
		18	-2.2	0.0	0.4	0.0	0.2	-0.2	0.2	0.0	-2.2	0.0	0.7	0.0	-0.4	-0.2
		19	-2.4	-0.1	0.0	0.0	1.1	-0.1	1.1	0.0	-2.4	-0.1	0.3	0.0	0.9	0.1
		20	-2.3	0.0	0.4	0.0	0.3	-0.2	0.3	0.0	-2.3	0.0	0.6	0.0	-0.3	-0.1
		21	-2.3	-0.1	0.1	0.0	1.0	-0.1	1.0	0.0	-2.3	-0.1	0.3	0.0	0.8	0.0
		22	-2.3	-0.1	0.2	0.0	0.7	-0.2	0.7	0.0	-2.3	-0.1	0.5	0.0	0.3	-0.1
		23	-2.3	0.0	0.2	0.0	0.7	0.0	0.7	0.0	-2.3	0.0	0.5	0.0	0.2	0.0
		24	-2.3	-0.1	0.2	0.0	0.6	-0.2	0.6	0.0	-2.3	-0.1	0.5	0.0	0.2	-0.1
		25	-2.3	0.0	0.2	0.0	0.7	0.0	0.7	0.0	-2.3	0.0	0.5	0.0	0.3	0.0

13 (D'-E)	2	1	-4.7	-0.1	0.7	0.0	0.2	-0.1	0.2	0.0	-4.7	-0.1	1.4	0.0	-2.2	0.1
		2	-4.0	-0.1	0.9	0.0	-0.4	-0.3	0.0	0.0	-4.0	-0.1	1.6	0.0	-3.2	-0.1
		3	-4.2	-0.1	0.5	0.0	0.9	0.0	0.9	0.0	-4.2	-0.1	1.2	0.0	-1.0	0.3
		4	-3.9	0.0	0.9	0.0	-0.4	-0.2	0.0	0.0	-3.9	0.0	1.6	0.0	-3.2	-0.2
		5	-4.3	-0.2	0.5	0.0	0.9	0.0	0.9	0.0	-4.3	-0.2	1.2	0.0	-1.0	0.4
		6	-4.1	-0.1	0.8	0.0	-0.3	-0.2	0.0	0.0	-4.1	-0.1	1.5	0.0	-3.0	-0.1
		7	-4.1	-0.1	0.5	0.0	0.8	0.0	0.8	0.0	-4.1	-0.1	1.2	0.0	-1.2	0.2
		8	-4.0	0.0	0.8	0.0	-0.3	-0.2	0.0	0.0	-4.0	0.0	1.5	0.0	-3.0	-0.1
		9	-4.2	-0.1	0.5	0.0	0.8	-0.1	0.8	0.0	-4.2	-0.1	1.2	0.0	-1.3	0.3
		10	-4.1	-0.2	0.7	0.0	0.1	-0.2	0.1	0.0	-4.1	-0.2	1.4	0.0	-2.4	0.1
		11	-4.1	0.0	0.6	0.0	0.4	0.0	0.4	0.0	-4.1	0.0	1.3	0.0	-1.8	0.0
		12	-4.2	-0.2	0.6	0.0	0.5	-0.2	0.5	0.0	-4.2	-0.2	1.3	0.0	-1.7	0.3
		13	-4.0	0.0	0.7	0.0	0.0	-0.1	0.0	0.0	-4.0	0.0	1.4	0.0	-2.5	-0.1
		14	-4.1	-0.1	0.7	0.0	0.1	-0.2	0.1	0.0	-4.1	-0.1	1.4	0.0	-2.4	0.1
		15	-4.1	0.0	0.6	0.0	0.5	0.0	0.5	0.0	-4.1	0.0	1.3	0.0	-1.8	0.1
		16	-4.2	-0.2	0.6	0.0	0.4	-0.2	0.4	0.0	-4.2	-0.2	1.3	0.0	-1.9	0.2
		17	-4.1	0.0	0.7	0.0	0.1	-0.1	0.1	0.0	-4.1	0.0	1.4	0.0	-2.3	0.0
		18	-2.1	0.0	0.7	0.0	-0.4	-0.2	0.0	0.0	-2.1	0.0	1.2	0.0	-2.6	-0.2
		19	-2.5	-0.1	0.3	0.0	0.9	0.1	0.9	0.0	-2.5	-0.1	0.8	0.0	-0.4	0.3
		20	-2.2	0.0	0.6	0.0	-0.3	-0.1	0.0	0.0	-2.2	0.0	1.2	0.0	-2.4	-0.1
		21	-2.3	-0.1	0.3	0.0	0.8	0.0	0.8	0.0	-2.3	-0.1	0.9	0.0	-0.6	0.2
		22	-2.3	-0.1	0.5	0.0	0.3	-0.1	0.3	0.0	-2.3	-0.1	1.0	0.0	-1.5	0.2
		23	-2.3	0.0	0.5	0.0	0.2	0.0	0.2	0.0	-2.3	0.0	1.0	0.0	-1.5	-0.1
		24	-2.3	-0.1	0.5	0.0	0.2	-0.1	0.2	0.0	-2.3	-0.1	1.0	0.0	-1.6	0.1
		25	-2.3	0.0	0.5	0.0	0.3	0.0	0.3	0.0	-2.3	0.0	1.0	0.0	-1.4	0.0
13 (E-F)	2	1	-4.7	-0.1	1.4	0.0	-2.2	0.1	0.0	0.0	-4.7	-0.1	1.4	0.0	-2.4	0.1
		2	-3.9	-0.1	1.6	0.0	-3.2	-0.1	0.0	0.0	-3.9	-0.1	1.6	0.0	-3.4	-0.1
		3	-4.3	-0.1	1.2	0.0	-1.0	0.3	0.0	0.0	-4.3	-0.1	1.2	0.0	-1.2	0.3
		4	-3.9	0.0	1.6	0.0	-3.2	-0.2	0.0	0.0	-3.9	0.0	1.6	0.0	-3.5	-0.2
		5	-4.3	-0.2	1.2	0.0	-1.0	0.4	0.0	0.0	-4.3	-0.2	1.2	0.0	-1.2	0.4
		6	-4.0	-0.1	1.5	0.0	-3.0	-0.1	0.0	0.0	-4.0	-0.1	1.6	0.0	-3.2	0.0
		7	-4.2	-0.1	1.2	0.0	-1.2	0.2	0.0	0.0	-4.2	-0.1	1.3	0.0	-1.4	0.2
		8	-4.0	0.0	1.5	0.0	-3.0	-0.1	0.0	0.0	-4.0	0.0	1.6	0.0	-3.2	-0.1
		9	-4.2	-0.2	1.2	0.0	-1.3	0.3	0.0	0.0	-4.2	-0.2	1.3	0.0	-1.5	0.3
		10	-4.1	-0.2	1.4	0.0	-2.4	0.1	0.0	0.0	-4.1	-0.2	1.5	0.0	-2.6	0.2
		11	-4.1	0.0	1.3	0.0	-1.8	0.0	0.0	0.0	-4.1	0.0	1.4	0.0	-2.0	0.0
		12	-4.2	-0.2	1.3	0.0	-1.7	0.3	0.0	0.0	-4.2	-0.2	1.4	0.0	-1.9	0.3
		13	-4.0	0.1	1.4	0.0	-2.5	-0.1	0.0	0.0	-4.0	0.1	1.5	0.0	-2.7	-0.1
		14	-4.1	-0.2	1.4	0.0	-2.4	0.1	0.0	0.0	-4.1	-0.2	1.5	0.0	-2.7	0.1
		15	-4.1	0.0	1.3	0.0	-1.8	0.1	0.0	0.0	-4.1	0.0	1.4	0.0	-2.0	0.1
		16	-4.2	-0.2	1.3	0.0	-1.9	0.2	0.0	0.0	-4.2	-0.2	1.4	0.0	-2.1	0.2
		17	-4.0	0.0	1.4	0.0	-2.3	0.0	0.0	0.0	-4.0	0.0	1.4	0.0	-2.5	0.0
		18	-2.1	0.0	1.2	0.0	-2.6	-0.2	0.0	0.0	-2.1	0.0	1.2	0.0	-2.8	-0.2
		19	-2.5	-0.1	0.8	0.0	-0.4	0.3	0.0	0.0	-2.5	-0.1	0.9	0.0	-0.5	0.3
		20	-2.2	0.0	1.2	0.0	-2.4	-0.1	0.0	0.0	-2.2	0.0	1.2	0.0	-2.5	-0.1

		21	-2.4	-0.1	0.9	0.0	-0.6	0.2	0.0	0.0	-2.4	-0.1	0.9	0.0	-0.8	0.2
		22	-2.3	-0.2	1.0	0.0	-1.5	0.2	0.0	0.0	-2.3	-0.2	1.0	0.0	-1.6	0.2
		23	-2.3	0.1	1.0	0.0	-1.5	-0.1	0.0	0.0	-2.3	0.1	1.1	0.0	-1.7	-0.1
		24	-2.3	-0.1	1.0	0.0	-1.6	0.1	0.0	0.0	-2.3	-0.1	1.1	0.0	-1.7	0.1
		25	-2.3	0.0	1.0	0.0	-1.4	0.0	0.0	0.0	-2.3	0.0	1.0	0.0	-1.6	0.0
14 (E-F)	2	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14 (F-F')	2	1	0.2	0.7	0.2	0.0	0.4	0.7	0.4	0.0	0.2	0.7	0.8	0.0	-0.6	-0.6
		2	2.1	1.0	6.7	0.0	6.7	1.1	6.7	0.0	2.1	1.0	7.3	0.0	-7.0	-0.8
		3	-1.7	0.2	-6.3	0.0	-6.0	0.1	5.9	1.0	-1.7	0.2	-5.7	0.0	5.9	-0.2
		4	2.2	0.9	7.0	0.0	7.0	1.1	7.0	0.0	2.2	0.9	7.6	0.0	-7.4	-0.7
		5	-1.8	0.2	-6.6	0.0	-6.3	0.1	6.2	1.0	-1.8	0.2	-6.0	0.0	6.2	-0.3
		6	1.6	0.9	5.3	0.0	5.3	1.0	5.3	0.0	1.6	0.9	5.9	0.0	-5.7	-0.7
		7	-1.2	0.3	-4.9	0.0	-4.6	0.2	4.5	1.0	-1.2	0.3	-4.3	0.0	4.5	-0.3
		8	1.6	0.8	5.1	0.0	5.2	0.9	5.2	0.0	1.6	0.8	5.7	0.0	-5.5	-0.6
		9	-1.2	0.4	-4.8	0.0	-4.5	0.3	4.3	1.0	-1.2	0.4	-4.2	0.0	4.3	-0.4
		10	0.6	0.8	1.6	0.0	1.8	0.8	1.8	0.0	0.6	0.8	2.2	0.0	-2.0	-0.7
		11	-0.2	0.3	-1.3	0.0	-1.1	0.4	0.9	1.0	-0.2	0.3	-0.7	0.0	0.9	-0.3
		12	-0.5	0.6	-2.3	0.0	-2.1	0.5	1.9	1.0	-0.5	0.6	-1.7	0.0	1.9	-0.6
		13	0.9	0.6	2.7	0.0	2.8	0.7	2.8	0.0	0.9	0.6	3.3	0.0	-3.1	-0.4
		14	0.7	0.8	1.9	0.0	2.1	0.8	2.1	0.0	0.7	0.8	2.5	0.0	-2.3	-0.7

		15	-0.3	0.3	-1.6	0.0	-1.4	0.4	1.2	1.0	-0.3	0.3	-1.0	0.0	1.2	-0.3
		16	-0.2	0.6	-1.1	0.0	-0.9	0.6	0.7	1.0	-0.2	0.6	-0.5	0.0	0.7	-0.6
		17	0.6	0.5	1.4	0.0	1.6	0.6	1.6	0.0	0.6	0.5	2.0	0.0	-1.8	-0.4
		18	2.1	0.7	6.7	0.0	6.7	0.8	6.7	0.0	2.1	0.7	7.1	0.0	-7.0	-0.5
		19	-1.9	-0.1	-6.6	0.0	-6.3	-0.2	6.3	1.0	-1.9	-0.1	-6.1	0.0	6.3	0.0
		20	1.5	0.6	5.1	0.0	5.1	0.7	5.1	0.0	1.5	0.6	5.5	0.0	-5.4	-0.5
		21	-1.3	0.1	-5.0	0.0	-4.7	0.0	4.6	1.0	-1.3	0.1	-4.5	0.0	4.6	-0.1
		22	0.0	0.4	-0.5	0.0	-0.3	0.4	0.2	1.0	0.0	0.4	0.0	0.0	0.2	-0.4
		23	0.3	0.2	0.6	0.0	0.7	0.3	0.7	0.0	0.3	0.2	1.0	0.0	-0.9	-0.1
		24	0.2	0.5	0.3	0.0	0.5	0.5	0.5	0.0	0.2	0.5	0.8	0.0	-0.6	-0.5
		25	0.1	0.2	-0.2	0.0	-0.1	0.2	0.0	.45	0.1	0.2	0.2	0.0	-0.1	-0.1
14 (F'-G)	2	1	-2.5	0.2	-1.4	0.0	-0.4	-0.2	0.4	1.0	-2.5	0.2	-1.3	0.0	0.4	-0.3
		2	-4.4	1.6	-23.8	0.0	-7.1	-0.1	6.8	1.0	-4.4	1.6	-23.7	0.0	6.8	-1.0
		3	0.0	-1.1	21.3	0.0	6.4	-0.2	6.4	0.0	0.0	-1.1	21.5	0.0	-6.1	0.5
		4	-4.7	1.7	-24.5	0.0	-7.3	-0.1	7.0	1.0	-4.7	1.7	-24.4	0.0	7.0	-1.1
		5	0.2	-1.3	22.0	0.0	6.6	-0.2	6.6	0.0	0.2	-1.3	22.2	0.0	-6.3	0.6
		6	-3.9	1.1	-19.0	0.0	-5.7	-0.1	5.4	1.0	-3.9	1.1	-18.9	0.0	5.4	-0.8
		7	-0.6	-0.7	16.5	0.0	4.9	-0.2	4.9	0.0	-0.6	-0.7	16.7	0.0	-4.8	0.3
		8	-4.0	1.2	-18.1	0.0	-5.4	-0.1	5.1	1.0	-4.0	1.2	-17.9	0.0	5.1	-0.8
		9	-0.5	-0.8	15.6	0.0	4.7	-0.2	4.7	0.0	-0.5	-0.8	15.8	0.0	-4.5	0.3
		10	-2.6	0.3	-7.0	0.0	-2.1	-0.2	1.9	1.0	-2.6	0.3	-6.8	0.0	1.9	-0.4
		11	-1.9	0.1	4.4	0.0	1.3	-0.1	1.3	0.0	-1.9	0.1	4.6	0.0	-1.3	-0.1
		12	-1.2	-0.6	6.8	0.0	2.0	-0.2	2.0	0.0	-1.2	-0.6	7.0	0.0	-2.0	0.1
		13	-3.3	1.0	-9.3	0.0	-2.8	-0.1	2.6	1.0	-3.3	1.0	-9.1	0.0	2.6	-0.6
		14	-2.7	0.4	-8.0	0.0	-2.4	-0.2	2.2	1.0	-2.7	0.4	-7.8	0.0	2.2	-0.4
		15	-1.8	0.0	5.4	0.0	1.6	-0.1	1.6	0.0	-1.8	0.0	5.6	0.0	-1.6	-0.1
		16	-1.7	-0.1	2.4	0.0	0.7	-0.2	0.7	0.0	-1.7	-0.1	2.6	0.0	-0.7	-0.1
		17	-2.8	0.5	-4.9	0.0	-1.5	-0.1	1.4	1.0	-2.8	0.5	-4.8	0.0	1.4	-0.4
		18	-3.7	1.6	-23.7	0.0	-7.1	0.0	6.7	1.0	-3.7	1.6	-23.5	0.0	6.7	-0.9
		19	0.9	-1.3	22.2	0.0	6.6	-0.1	6.6	0.0	0.9	-1.3	22.3	0.0	-6.4	0.6
		20	-3.1	1.1	-18.1	0.0	-5.4	0.0	5.1	1.0	-3.1	1.1	-17.9	0.0	5.1	-0.7
		21	0.3	-0.8	16.6	0.0	4.9	-0.1	4.9	0.0	0.3	-0.8	16.7	0.0	-4.8	0.4
		22	-1.0	-0.2	0.4	0.0	0.1	-0.1	0.1	0.0	-1.0	-0.2	0.6	0.0	-0.2	0.0
		23	-1.7	0.4	-1.9	0.0	-0.6	0.0	0.5	1.0	-1.7	0.4	-1.8	0.0	0.5	-0.3
		24	-1.3	0.1	-2.3	0.0	-0.7	-0.1	0.6	1.0	-1.3	0.1	-2.1	0.0	0.6	-0.2
		25	-1.4	0.2	0.8	0.0	0.2	0.0	0.2	0.0	-1.4	0.2	0.9	0.0	-0.3	-0.1
14 (G-H)	2	1	-0.8	0.0	-0.4	0.0	0.0	0.1	0.2	.35	-0.8	0.0	0.7	0.0	-0.6	-0.1
		2	-1.9	0.2	1.7	0.0	3.3	0.4	3.3	0.0	-1.9	0.2	2.7	0.0	-4.1	-0.4
		3	0.5	-0.1	-2.4	0.0	-3.5	-0.3	3.0	1.0	0.5	-0.1	-1.4	0.0	3.0	0.2
		4	-1.9	0.2	1.7	0.0	3.4	0.4	3.4	0.0	-1.9	0.2	2.8	0.0	-4.2	-0.4
		5	0.5	-0.2	-2.5	0.0	-3.6	-0.3	3.1	1.0	0.5	-0.2	-1.4	0.0	3.1	0.3
		6	-1.5	0.2	1.2	0.0	2.6	0.3	2.6	0.0	-1.5	0.2	2.3	0.0	-3.4	-0.3
		7	0.2	-0.1	-2.0	0.0	-2.8	-0.2	2.3	1.0	0.2	-0.1	-0.9	0.0	2.3	0.2
		8	-1.5	0.2	1.1	0.0	2.5	0.3	2.5	0.0	-1.5	0.2	2.2	0.0	-3.2	-0.3

		9	0.1	-0.1	-1.9	0.0	-2.6	-0.2	2.1	1.0	0.1	-0.1	-0.9	0.0	2.1	0.1	
		10	-1.0	0.1	0.1	0.0	0.8	0.2	0.8	0.0	-1.0	0.1	1.2	0.0	-1.5	-0.2	
		11	-0.4	0.0	-0.9	0.0	-0.9	0.0	0.4	.85	-0.4	0.0	0.1	0.0	0.4	0.0	
		12	-0.3	0.0	-1.1	0.0	-1.3	-0.1	0.7	1.0	-0.3	0.0	-0.1	0.0	0.7	0.0	
		13	-1.1	0.1	0.3	0.0	1.1	0.2	1.1	0.0	-1.1	0.1	1.4	0.0	-1.8	-0.2	
		14	-1.0	0.1	0.2	0.0	1.0	0.2	1.0	0.0	-1.0	0.1	1.3	0.0	-1.6	-0.2	
		15	-0.4	0.0	-1.0	0.0	-1.1	0.0	0.5	.95	-0.4	0.0	0.0	0.0	0.5	0.0	
		16	-0.5	0.0	-0.7	0.0	-0.6	0.0	0.2	.65	-0.5	0.0	0.3	0.0	0.0	0.0	
		17	-0.9	0.1	-0.1	0.0	0.5	0.1	0.5	.05	-0.9	0.1	1.0	0.0	-1.1	-0.1	
		18	-1.6	0.2	1.8	0.0	3.4	0.4	3.4	0.0	-1.6	0.2	2.5	0.0	-4.0	-0.4	
		19	0.8	-0.2	-2.4	0.0	-3.6	-0.3	3.3	1.0	0.8	-0.2	-1.6	0.0	3.3	0.3	
		20	-1.2	0.2	1.2	0.0	2.5	0.3	2.5	0.0	-1.2	0.2	2.0	0.0	-3.1	-0.3	
		21	0.4	-0.1	-1.9	0.0	-2.7	-0.2	2.4	1.0	0.4	-0.1	-1.1	0.0	2.4	0.2	
		22	-0.3	0.0	-0.4	0.0	-0.3	0.0	0.1	.55	-0.3	0.0	0.4	0.0	-0.2	0.0	
		23	-0.4	0.0	-0.2	0.0	0.1	0.1	0.2	.3	-0.4	0.0	0.6	0.0	-0.5	-0.1	
		24	-0.5	0.0	-0.2	0.0	0.1	0.1	0.2	.2	-0.5	0.0	0.6	0.0	-0.6	-0.1	
		25	-0.3	0.0	-0.5	0.0	-0.3	0.0	0.1	.6	-0.3	0.0	0.3	0.0	-0.1	0.0	
	2 (B-C)	3	1	0.0	0.0	-0.9	0.0	-0.4	0.0	0.2	1.0	0.0	0.0	-0.2	0.0	0.2	0.0
			2	0.0	0.0	-0.1	0.0	0.8	0.0	0.8	.2	0.0	0.0	0.5	0.0	0.5	0.0
			3	0.0	0.0	-1.5	0.0	-1.6	0.0	0.0	0.0	0.0	0.0	-0.8	0.0	-0.1	0.0
			4	0.0	0.0	-0.1	0.0	0.7	0.0	0.8	.25	0.0	0.0	0.5	0.0	0.5	0.0
			5	0.0	0.0	-1.4	0.0	-1.5	0.0	0.0	0.0	0.0	0.0	-0.8	0.0	0.0	0.0
			6	0.0	0.0	0.1	0.0	1.2	0.0	1.2	0.0	0.0	0.0	0.7	0.0	0.6	0.0
			7	0.0	0.0	-1.7	0.0	-2.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	-0.2	0.0
			8	0.0	0.0	0.1	0.0	1.2	0.0	1.2	0.0	0.0	0.0	0.8	0.0	0.6	0.0
			9	0.0	0.0	-1.7	0.0	-2.0	0.0	0.0	0.0	0.0	0.0	-1.1	0.0	-0.2	0.0
			10	0.0	0.0	-0.5	0.0	0.1	0.0	0.4	.85	0.0	0.0	0.1	0.0	0.3	0.0
			11	0.0	0.0	-1.1	0.0	-0.9	0.0	0.1	1.0	0.0	0.0	-0.4	0.0	0.1	0.0
			12	0.0	0.0	-0.9	0.0	-0.6	0.0	0.2	1.0	0.0	0.0	-0.3	0.0	0.2	0.0
			13	0.0	0.0	-0.7	0.0	-0.2	0.0	0.3	1.0	0.0	0.0	0.0	0.0	0.3	0.0
			14	0.0	0.0	-0.6	0.0	0.0	0.0	0.3	.9	0.0	0.0	0.1	0.0	0.3	0.0
			15	0.0	0.0	-1.0	0.0	-0.8	0.0	0.1	1.0	0.0	0.0	-0.4	0.0	0.1	0.0
			16	0.0	0.0	-1.1	0.0	-1.0	0.0	0.1	1.0	0.0	0.0	-0.5	0.0	0.1	0.0
			17	0.0	0.0	-0.5	0.0	0.2	0.0	0.4	.7	0.0	0.0	0.2	0.0	0.4	0.0
			18	0.0	0.0	0.1	0.0	0.9	0.0	0.9	0.0	0.0	0.0	0.6	0.0	0.4	0.0
			19	0.0	0.0	-1.2	0.0	-1.4	0.0	0.0	0.0	0.0	0.0	-0.8	0.0	-0.1	0.0
			20	0.0	0.0	0.4	0.0	1.3	0.0	1.3	0.0	0.0	0.0	0.8	0.0	0.5	0.0
			21	0.0	0.0	-1.4	0.0	-1.9	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	-0.2	0.0
			22	0.0	0.0	-0.5	0.0	-0.2	0.0	0.2	1.0	0.0	0.0	0.0	0.0	0.2	0.0
			23	0.0	0.0	-0.6	0.0	-0.4	0.0	0.1	1.0	0.0	0.0	-0.2	0.0	0.1	0.0
			24	0.0	0.0	-0.6	0.0	-0.4	0.0	0.1	1.0	0.0	0.0	-0.2	0.0	0.1	0.0
			25	0.0	0.0	-0.5	0.0	-0.2	0.0	0.2	1.0	0.0	0.0	0.0	0.0	0.2	0.0
	2 (C-D)	3	1	0.0	0.0	-0.2	0.0	0.2	0.0	0.3	.15	0.0	0.0	0.9	0.0	-0.6	0.0
			2	0.0	0.0	0.5	0.0	0.5	0.0	0.5	0.0	0.0	0.0	1.5	0.0	-1.6	0.0

		3	0.0	0.0	-0.8	0.0	-0.1	0.0	0.6	.8	0.0	0.0	0.2	0.0	0.6	0.0
		4	0.0	0.0	0.5	0.0	0.5	0.0	0.5	0.0	0.0	0.0	1.5	0.0	-1.6	0.0
		5	0.0	0.0	-0.8	0.0	0.0	0.0	0.6	.8	0.0	0.0	0.2	0.0	0.6	0.0
		6	0.0	0.0	0.7	0.0	0.6	0.0	0.6	0.0	0.0	0.0	1.7	0.0	-2.0	0.0
		7	0.0	0.0	-1.0	0.0	-0.2	0.0	1.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0
		8	0.0	0.0	0.8	0.0	0.6	0.0	0.6	0.0	0.0	0.0	1.8	0.0	-2.1	0.0
		9	0.0	0.0	-1.1	0.0	-0.2	0.0	1.0	1.0	0.0	0.0	-0.1	0.0	1.0	0.0
		10	0.0	0.0	0.1	0.0	0.3	0.0	0.3	0.0	0.0	0.0	1.1	0.0	-0.9	0.0
		11	0.0	0.0	-0.4	0.0	0.1	0.0	0.3	.4	0.0	0.0	0.6	0.0	-0.1	0.0
		12	0.0	0.0	-0.3	0.0	0.2	0.0	0.3	.3	0.0	0.0	0.7	0.0	-0.3	0.0
		13	0.0	0.0	0.0	0.0	0.3	0.0	0.3	0.0	0.0	0.0	1.0	0.0	-0.7	0.0
		14	0.0	0.0	0.1	0.0	0.3	0.0	0.3	0.0	0.0	0.0	1.1	0.0	-0.9	0.0
		15	0.0	0.0	-0.4	0.0	0.1	0.0	0.3	.35	0.0	0.0	0.6	0.0	-0.2	0.0
		16	0.0	0.0	-0.5	0.0	0.1	0.0	0.3	.45	0.0	0.0	0.5	0.0	0.0	0.0
		17	0.0	0.0	0.2	0.0	0.4	0.0	0.4	0.0	0.0	0.0	1.2	0.0	-1.1	0.0
		18	0.0	0.0	0.6	0.0	0.4	0.0	0.4	0.0	0.0	0.0	1.2	0.0	-1.4	0.0
		19	0.0	0.0	-0.8	0.0	-0.1	0.0	0.8	1.0	0.0	0.0	-0.1	0.0	0.8	0.0
		20	0.0	0.0	0.8	0.0	0.5	0.0	0.5	0.0	0.0	0.0	1.5	0.0	-1.8	0.0
		21	0.0	0.0	-1.0	0.0	-0.2	0.0	1.2	1.0	0.0	0.0	-0.3	0.0	1.2	0.0
		22	0.0	0.0	0.0	0.0	0.2	0.0	0.2	.05	0.0	0.0	0.6	0.0	-0.4	0.0
		23	0.0	0.0	-0.2	0.0	0.1	0.0	0.2	.25	0.0	0.0	0.5	0.0	-0.2	0.0
		24	0.0	0.0	-0.2	0.0	0.1	0.0	0.2	.25	0.0	0.0	0.5	0.0	-0.2	0.0
		25	0.0	0.0	0.0	0.0	0.2	0.0	0.2	.05	0.0	0.0	0.6	0.0	-0.4	0.0
2 (D-D')	3	1	0.0	0.0	-0.7	0.0	-0.3	0.0	0.1	1.0	0.0	0.0	-0.3	0.0	0.1	0.0
		2	0.0	0.0	0.1	0.0	0.8	0.0	0.8	0.0	0.0	0.0	0.5	0.0	0.6	0.0
		3	0.0	0.0	-1.4	0.0	-1.5	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	-0.3	0.0
		4	0.0	0.0	0.0	0.0	0.8	0.0	0.8	0.0	0.0	0.0	0.5	0.0	0.5	0.0
		5	0.0	0.0	-1.4	0.0	-1.4	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	-0.3	0.0
		6	0.0	0.0	0.3	0.0	1.2	0.0	1.2	0.0	0.0	0.0	0.7	0.0	0.7	0.0
		7	0.0	0.0	-1.6	0.0	-1.8	0.0	0.0	0.0	0.0	0.0	-1.2	0.0	-0.4	0.0
		8	0.0	0.0	0.3	0.0	1.3	0.0	1.3	0.0	0.0	0.0	0.8	0.0	0.7	0.0
		9	0.0	0.0	-1.7	0.0	-1.9	0.0	0.0	0.0	0.0	0.0	-1.3	0.0	-0.4	0.0
		10	0.0	0.0	-0.4	0.0	0.1	0.0	0.3	.95	0.0	0.0	0.0	0.0	0.3	0.0
		11	0.0	0.0	-1.0	0.0	-0.8	0.0	0.0	0.0	0.0	0.0	-0.5	0.0	0.0	0.0
		12	0.0	0.0	-0.8	0.0	-0.6	0.0	0.0	1.0	0.0	0.0	-0.4	0.0	0.0	0.0
		13	0.0	0.0	-0.5	0.0	-0.1	0.0	0.2	1.0	0.0	0.0	-0.1	0.0	0.2	0.0
		14	0.0	0.0	-0.4	0.0	0.0	0.0	0.3	1.0	0.0	0.0	0.0	0.0	0.3	0.0
		15	0.0	0.0	-0.9	0.0	-0.7	0.0	0.0	1.0	0.0	0.0	-0.5	0.0	0.0	0.0
		16	0.0	0.0	-1.0	0.0	-0.9	0.0	0.0	0.0	0.0	0.0	-0.6	0.0	-0.1	0.0
		17	0.0	0.0	-0.3	0.0	0.2	0.0	0.4	.75	0.0	0.0	0.1	0.0	0.3	0.0
		18	0.0	0.0	0.3	0.0	0.9	0.0	0.9	0.0	0.0	0.0	0.6	0.0	0.5	0.0
		19	0.0	0.0	-1.2	0.0	-1.4	0.0	0.0	0.0	0.0	0.0	-0.9	0.0	-0.3	0.0
		20	0.0	0.0	0.5	0.0	1.3	0.0	1.3	0.0	0.0	0.0	0.8	0.0	0.7	0.0
		21	0.0	0.0	-1.4	0.0	-1.8	0.0	0.0	0.0	0.0	0.0	-1.2	0.0	-0.5	0.0
		22	0.0	0.0	-0.4	0.0	-0.1	0.0	0.1	1.0	0.0	0.0	-0.1	0.0	0.1	0.0



		23	0.0	0.0	-0.5	0.0	-0.3	0.0	0.0	1.0	0.0	0.0	-0.2	0.0	0.0	0.0
		24	0.0	0.0	-0.5	0.0	-0.3	0.0	0.0	1.0	0.0	0.0	-0.2	0.0	0.0	0.0
		25	0.0	0.0	-0.4	0.0	-0.1	0.0	0.1	1.0	0.0	0.0	-0.1	0.0	0.1	0.0
2 (D'-E)	3	1	0.0	0.0	-0.3	0.0	0.1	0.0	0.2	.25	0.0	0.0	0.8	0.0	-0.5	0.0
		2	0.0	0.0	0.5	0.0	0.6	0.0	0.6	0.0	0.0	0.0	1.5	0.0	-1.6	0.0
		3	0.0	0.0	-1.0	0.0	-0.3	0.0	0.7	1.0	0.0	0.0	0.0	0.0	0.7	0.0
		4	0.0	0.0	0.5	0.0	0.5	0.0	0.5	0.0	0.0	0.0	1.5	0.0	-1.5	0.0
		5	0.0	0.0	-1.0	0.0	-0.3	0.0	0.7	.95	0.0	0.0	0.1	0.0	0.7	0.0
		6	0.0	0.0	0.7	0.0	0.7	0.0	0.7	0.0	0.0	0.0	1.7	0.0	-1.9	0.0
		7	0.0	0.0	-1.2	0.0	-0.4	0.0	1.1	1.0	0.0	0.0	-0.2	0.0	1.1	0.0
		8	0.0	0.0	0.8	0.0	0.7	0.0	0.7	0.0	0.0	0.0	1.8	0.0	-2.0	0.0
		9	0.0	0.0	-1.3	0.0	-0.4	0.0	1.1	1.0	0.0	0.0	-0.2	0.0	1.1	0.0
		10	0.0	0.0	0.0	0.0	0.3	0.0	0.3	0.0	0.0	0.0	1.0	0.0	-0.8	0.0
		11	0.0	0.0	-0.5	0.0	0.0	0.0	0.3	.5	0.0	0.0	0.5	0.0	0.0	0.0
		12	0.0	0.0	-0.4	0.0	0.0	0.0	0.2	.4	0.0	0.0	0.6	0.0	-0.2	0.0
		13	0.0	0.0	-0.1	0.0	0.2	0.0	0.2	.1	0.0	0.0	0.9	0.0	-0.7	0.0
		14	0.0	0.0	0.0	0.0	0.3	0.0	0.3	0.0	0.0	0.0	1.0	0.0	-0.8	0.0
		15	0.0	0.0	-0.5	0.0	0.0	0.0	0.2	.45	0.0	0.0	0.5	0.0	-0.1	0.0
		16	0.0	0.0	-0.6	0.0	-0.1	0.0	0.3	.6	0.0	0.0	0.4	0.0	0.1	0.0
		17	0.0	0.0	0.1	0.0	0.3	0.0	0.3	0.0	0.0	0.0	1.1	0.0	-1.0	0.0
		18	0.0	0.0	0.6	0.0	0.5	0.0	0.5	0.0	0.0	0.0	1.2	0.0	-1.4	0.0
		19	0.0	0.0	-0.9	0.0	-0.3	0.0	0.9	1.0	0.0	0.0	-0.2	0.0	0.9	0.0
		20	0.0	0.0	0.8	0.0	0.7	0.0	0.7	0.0	0.0	0.0	1.5	0.0	-1.8	0.0
		21	0.0	0.0	-1.2	0.0	-0.5	0.0	1.3	1.0	0.0	0.0	-0.5	0.0	1.3	0.0
		22	0.0	0.0	-0.1	0.0	0.1	0.0	0.1	.15	0.0	0.0	0.6	0.0	-0.4	0.0
		23	0.0	0.0	-0.2	0.0	0.0	0.0	0.1	.35	0.0	0.0	0.4	0.0	-0.2	0.0
		24	0.0	0.0	-0.2	0.0	0.0	0.0	0.1	.35	0.0	0.0	0.4	0.0	-0.2	0.0
		25	0.0	0.0	-0.1	0.0	0.1	0.0	0.1	.15	0.0	0.0	0.6	0.0	-0.4	0.0
2 (E-F)	3	1	0.0	0.0	-0.7	0.0	-0.3	0.0	0.0	0.0	0.0	0.0	-0.6	0.0	-0.2	0.0
		2	0.0	0.0	0.1	0.0	0.9	0.0	0.9	0.0	0.0	0.0	0.2	0.0	0.9	0.0
		3	0.0	0.0	-1.4	0.0	-1.5	0.0	0.0	0.0	0.0	0.0	-1.4	0.0	-1.3	0.0
		4	0.0	0.0	0.1	0.0	0.9	0.0	0.9	0.0	0.0	0.0	0.2	0.0	0.9	0.0
		5	0.0	0.0	-1.4	0.0	-1.5	0.0	0.0	0.0	0.0	0.0	-1.3	0.0	-1.3	0.0
		6	0.0	0.0	0.4	0.0	1.3	0.0	1.3	0.0	0.0	0.0	0.4	0.0	1.2	0.0
		7	0.0	0.0	-1.7	0.0	-1.9	0.0	0.0	0.0	0.0	0.0	-1.6	0.0	-1.7	0.0
		8	0.0	0.0	0.4	0.0	1.4	0.0	1.4	0.0	0.0	0.0	0.5	0.0	1.3	0.0
		9	0.0	0.0	-1.7	0.0	-2.0	0.0	0.0	0.0	0.0	0.0	-1.6	0.0	-1.7	0.0
		10	0.0	0.0	-0.4	0.0	0.2	0.0	0.2	1.0	0.0	0.0	-0.3	0.0	0.2	0.0
		11	0.0	0.0	-0.9	0.0	-0.8	0.0	0.0	0.0	0.0	0.0	-0.9	0.0	-0.6	0.0
		12	0.0	0.0	-0.8	0.0	-0.5	0.0	0.0	0.0	0.0	0.0	-0.7	0.0	-0.4	0.0
		13	0.0	0.0	-0.5	0.0	0.0	0.0	0.0	1.0	0.0	0.0	-0.4	0.0	0.0	0.0
		14	0.0	0.0	-0.4	0.0	0.1	0.0	0.1	1.0	0.0	0.0	-0.3	0.0	0.1	0.0
		15	0.0	0.0	-0.9	0.0	-0.7	0.0	0.0	0.0	0.0	0.0	-0.8	0.0	-0.5	0.0
		16	0.0	0.0	-1.0	0.0	-0.9	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	-0.7	0.0

		17	0.0	0.0	-0.3	0.0	0.3	0.0	0.3	1.0	0.0	0.0	-0.2	0.0	0.3	0.0
		18	0.0	0.0	0.3	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.4	0.0	0.9	0.0
		19	0.0	0.0	-1.2	0.0	-1.4	0.0	0.0	0.0	0.0	0.0	-1.1	0.0	-1.2	0.0
		20	0.0	0.0	0.6	0.0	1.4	0.0	1.4	0.0	0.0	0.0	0.6	0.0	1.3	0.0
		21	0.0	0.0	-1.5	0.0	-1.8	0.0	0.0	0.0	0.0	0.0	-1.4	0.0	-1.6	0.0
		22	0.0	0.0	-0.4	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	0.0	0.0
		23	0.0	0.0	-0.5	0.0	-0.3	0.0	0.0	0.0	0.0	0.0	-0.5	0.0	-0.2	0.0
		24	0.0	0.0	-0.5	0.0	-0.3	0.0	0.0	0.0	0.0	0.0	-0.5	0.0	-0.2	0.0
		25	0.0	0.0	-0.4	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	0.0	0.0
2 (F-F')	3	1	0.0	0.0	-0.6	0.0	-0.2	0.0	0.2	.55	0.0	0.0	0.6	0.0	-0.1	0.0
		2	0.0	0.0	0.2	0.0	0.9	0.0	0.9	0.0	0.0	0.0	1.3	0.0	-0.8	0.0
		3	0.0	0.0	-1.4	0.0	-1.3	0.0	0.5	1.0	0.0	0.0	-0.3	0.0	0.5	0.0
		4	0.0	0.0	0.2	0.0	0.9	0.0	0.9	0.0	0.0	0.0	1.2	0.0	-0.7	0.0
		5	0.0	0.0	-1.3	0.0	-1.3	0.0	0.5	1.0	0.0	0.0	-0.2	0.0	0.5	0.0
		6	0.0	0.0	0.4	0.0	1.2	0.0	1.2	0.0	0.0	0.0	1.5	0.0	-1.0	0.0
		7	0.0	0.0	-1.6	0.0	-1.7	0.0	0.7	1.0	0.0	0.0	-0.5	0.0	0.7	0.0
		8	0.0	0.0	0.5	0.0	1.3	0.0	1.3	0.0	0.0	0.0	1.6	0.0	-1.0	0.0
		9	0.0	0.0	-1.6	0.0	-1.7	0.0	0.8	1.0	0.0	0.0	-0.5	0.0	0.8	0.0
		10	0.0	0.0	-0.3	0.0	0.2	0.0	0.3	.25	0.0	0.0	0.8	0.0	-0.4	0.0
		11	0.0	0.0	-0.9	0.0	-0.6	0.0	0.2	.8	0.0	0.0	0.2	0.0	0.1	0.0
		12	0.0	0.0	-0.7	0.0	-0.4	0.0	0.1	.7	0.0	0.0	0.3	0.0	0.0	0.0
		13	0.0	0.0	-0.4	0.0	0.0	0.0	0.2	.4	0.0	0.0	0.7	0.0	-0.3	0.0
		14	0.0	0.0	-0.3	0.0	0.1	0.0	0.3	.3	0.0	0.0	0.8	0.0	-0.3	0.0
		15	0.0	0.0	-0.8	0.0	-0.5	0.0	0.2	.75	0.0	0.0	0.3	0.0	0.1	0.0
		16	0.0	0.0	-1.0	0.0	-0.7	0.0	0.2	.9	0.0	0.0	0.1	0.0	0.2	0.0
		17	0.0	0.0	-0.2	0.0	0.3	0.0	0.4	.2	0.0	0.0	0.9	0.0	-0.4	0.0
		18	0.0	0.0	0.4	0.0	0.9	0.0	0.9	0.0	0.0	0.0	1.1	0.0	-0.7	0.0
		19	0.0	0.0	-1.1	0.0	-1.2	0.0	0.6	1.0	0.0	0.0	-0.4	0.0	0.6	0.0
		20	0.0	0.0	0.6	0.0	1.3	0.0	1.3	0.0	0.0	0.0	1.4	0.0	-0.9	0.0
		21	0.0	0.0	-1.4	0.0	-1.6	0.0	0.8	1.0	0.0	0.0	-0.7	0.0	0.8	0.0
		22	0.0	0.0	-0.3	0.0	0.0	0.0	0.1	.45	0.0	0.0	0.4	0.0	-0.1	0.0
		23	0.0	0.0	-0.5	0.0	-0.2	0.0	0.1	.65	0.0	0.0	0.3	0.0	0.0	0.0
		24	0.0	0.0	-0.5	0.0	-0.2	0.0	0.1	.65	0.0	0.0	0.3	0.0	0.0	0.0
		25	0.0	0.0	-0.3	0.0	0.0	0.0	0.1	.45	0.0	0.0	0.4	0.0	-0.1	0.0
2 (F'-G)	3	1	0.0	0.0	0.6	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.9	0.0	-0.6	0.0
		2	0.0	0.0	1.3	0.0	-0.8	0.0	0.0	0.0	0.0	0.0	1.6	0.0	-1.8	0.0
		3	0.0	0.0	-0.3	0.0	0.5	0.0	0.6	.95	0.0	0.0	0.0	0.0	0.6	0.0
		4	0.0	0.0	1.2	0.0	-0.7	0.0	0.0	0.0	0.0	0.0	1.5	0.0	-1.7	0.0
		5	0.0	0.0	-0.2	0.0	0.5	0.0	0.6	.8	0.0	0.0	0.1	0.0	0.6	0.0
		6	0.0	0.0	1.5	0.0	-1.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	-2.1	0.0
		7	0.0	0.0	-0.5	0.0	0.7	0.0	1.0	1.0	0.0	0.0	-0.2	0.0	1.0	0.0
		8	0.0	0.0	1.6	0.0	-1.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	-2.2	0.0
		9	0.0	0.0	-0.5	0.0	0.8	0.0	1.1	1.0	0.0	0.0	-0.3	0.0	1.1	0.0
		10	0.0	0.0	0.8	0.0	-0.4	0.0	0.0	0.0	0.0	0.0	1.1	0.0	-1.0	0.0

		11	0.0	0.0	0.2	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.5	0.0	-0.1	0.0	
		12	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	-0.3	0.0	
		13	0.0	0.0	0.7	0.0	-0.3	0.0	0.0	0.0	0.0	0.0	1.0	0.0	-0.8	0.0	
		14	0.0	0.0	0.8	0.0	-0.3	0.0	0.0	0.0	0.0	0.0	1.0	0.0	-0.9	0.0	
		15	0.0	0.0	0.3	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.6	0.0	-0.2	0.0	
		16	0.0	0.0	0.1	0.0	0.2	0.0	0.2	0.0	0.0	0.0	0.4	0.0	0.0	0.0	
		17	0.0	0.0	0.9	0.0	-0.4	0.0	0.0	0.0	0.0	0.0	1.2	0.0	-1.1	0.0	
		18	0.0	0.0	1.1	0.0	-0.7	0.0	0.0	0.0	0.0	0.0	1.3	0.0	-1.5	0.0	
		19	0.0	0.0	-0.4	0.0	0.6	0.0	0.8	1.0	0.0	0.0	-0.2	0.0	0.8	0.0	
		20	0.0	0.0	1.4	0.0	-0.9	0.0	0.0	0.0	0.0	0.0	1.6	0.0	-1.9	0.0	
		21	0.0	0.0	-0.7	0.0	0.8	0.0	1.2	1.0	0.0	0.0	-0.5	0.0	1.2	0.0	
		22	0.0	0.0	0.4	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.6	0.0	-0.5	0.0	
		23	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	-0.3	0.0	
		24	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	-0.3	0.0	
		25	0.0	0.0	0.4	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.6	0.0	-0.5	0.0	
	2 (G-H)	3	1	0.0	0.0	-0.8	0.0	-0.3	0.0	0.3	.45	0.0	0.0	1.0	0.0	-0.6	0.0
			2	0.0	0.0	-0.1	0.0	0.8	0.0	0.8	.05	0.0	0.0	1.6	0.0	-1.8	0.0
			3	0.0	0.0	-1.4	0.0	-1.4	0.0	0.7	.85	0.0	0.0	0.2	0.0	0.6	0.0
			4	0.0	0.0	-0.1	0.0	0.8	0.0	0.8	.05	0.0	0.0	1.5	0.0	-1.7	0.0
			5	0.0	0.0	-1.4	0.0	-1.3	0.0	0.6	.85	0.0	0.0	0.3	0.0	0.5	0.0
			6	0.0	0.0	0.1	0.0	1.2	0.0	1.2	0.0	0.0	0.0	1.8	0.0	-2.1	0.0
			7	0.0	0.0	-1.6	0.0	-1.7	0.0	1.0	.95	0.0	0.0	0.0	0.0	1.0	0.0
			8	0.0	0.0	0.2	0.0	1.2	0.0	1.2	0.0	0.0	0.0	1.8	0.0	-2.2	0.0
			9	0.0	0.0	-1.6	0.0	-1.8	0.0	1.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0
			10	0.0	0.0	-0.5	0.0	0.2	0.0	0.4	.3	0.0	0.0	1.2	0.0	-1.0	0.0
			11	0.0	0.0	-1.0	0.0	-0.7	0.0	0.3	.6	0.0	0.0	0.7	0.0	-0.1	0.0
			12	0.0	0.0	-0.9	0.0	-0.5	0.0	0.3	.55	0.0	0.0	0.8	0.0	-0.3	0.0
			13	0.0	0.0	-0.6	0.0	0.0	0.0	0.3	.35	0.0	0.0	1.1	0.0	-0.8	0.0
			14	0.0	0.0	-0.5	0.0	0.1	0.0	0.4	.3	0.0	0.0	1.1	0.0	-0.9	0.0
			15	0.0	0.0	-0.9	0.0	-0.6	0.0	0.3	.55	0.0	0.0	0.7	0.0	-0.2	0.0
			16	0.0	0.0	-1.1	0.0	-0.8	0.0	0.4	.65	0.0	0.0	0.6	0.0	0.0	0.0
			17	0.0	0.0	-0.4	0.0	0.3	0.0	0.5	.25	0.0	0.0	1.2	0.0	-1.1	0.0
			18	0.0	0.0	0.2	0.0	0.9	0.0	0.9	0.0	0.0	0.0	1.2	0.0	-1.5	0.0
			19	0.0	0.0	-1.1	0.0	-1.3	0.0	0.8	1.0	0.0	0.0	-0.1	0.0	0.8	0.0
			20	0.0	0.0	0.4	0.0	1.3	0.0	1.3	0.0	0.0	0.0	1.5	0.0	-1.9	0.0
			21	0.0	0.0	-1.4	0.0	-1.7	0.0	1.2	1.0	0.0	0.0	-0.3	0.0	1.2	0.0
			22	0.0	0.0	-0.4	0.0	-0.1	0.0	0.2	.4	0.0	0.0	0.6	0.0	-0.5	0.0
			23	0.0	0.0	-0.5	0.0	-0.3	0.0	0.2	.5	0.0	0.0	0.5	0.0	-0.3	0.0
			24	0.0	0.0	-0.5	0.0	-0.3	0.0	0.2	.5	0.0	0.0	0.5	0.0	-0.3	0.0
			25	0.0	0.0	-0.4	0.0	-0.1	0.0	0.2	.4	0.0	0.0	0.6	0.0	-0.5	0.0
	4 (B-C)	3	1	0.0	0.0	-1.2	0.0	-0.5	0.0	0.4	1.0	0.0	0.0	-0.2	0.0	0.4	0.0
			2	0.0	0.0	-0.4	0.0	0.8	0.0	0.9	.4	0.0	0.0	0.6	0.0	0.7	0.0
			3	0.0	0.0	-1.8	0.0	-1.8	0.0	0.0	1.0	0.0	0.0	-0.9	0.0	0.0	0.0
			4	0.0	0.0	-0.4	0.0	0.8	0.0	0.9	.4	0.0	0.0	0.6	0.0	0.7	0.0

5	0.0	0.0	-1.8	0.0	-1.7	0.0	0.1	1.0	0.0	0.0	-0.8	0.0	0.1	0.0
6	0.0	0.0	-0.2	0.0	1.1	0.0	1.1	.2	0.0	0.0	0.7	0.0	0.8	0.0
7	0.0	0.0	-2.0	0.0	-2.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	0.0	0.0
8	0.0	0.0	-0.2	0.0	1.2	0.0	1.2	.2	0.0	0.0	0.8	0.0	0.8	0.0
9	0.0	0.0	-2.0	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	-1.1	0.0	0.0	0.0
10	0.0	0.0	-0.8	0.0	0.0	0.0	0.5	.9	0.0	0.0	0.1	0.0	0.5	0.0
11	0.0	0.0	-1.3	0.0	-0.9	0.0	0.2	1.0	0.0	0.0	-0.4	0.0	0.2	0.0
12	0.0	0.0	-1.3	0.0	-0.8	0.0	0.3	1.0	0.0	0.0	-0.3	0.0	0.3	0.0
13	0.0	0.0	-0.9	0.0	-0.2	0.0	0.4	.95	0.0	0.0	0.0	0.0	0.4	0.0
14	0.0	0.0	-0.9	0.0	-0.1	0.0	0.5	.9	0.0	0.0	0.1	0.0	0.5	0.0
15	0.0	0.0	-1.3	0.0	-0.9	0.0	0.3	1.0	0.0	0.0	-0.4	0.0	0.3	0.0
16	0.0	0.0	-1.4	0.0	-1.0	0.0	0.2	1.0	0.0	0.0	-0.5	0.0	0.2	0.0
17	0.0	0.0	-0.8	0.0	0.1	0.0	0.5	.8	0.0	0.0	0.2	0.0	0.5	0.0
18	0.0	0.0	0.0	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.6	0.0	0.5	0.0
19	0.0	0.0	-1.4	0.0	-1.5	0.0	0.0	0.0	0.0	0.0	-0.8	0.0	-0.1	0.0
20	0.0	0.0	0.2	0.0	1.3	0.0	1.3	0.0	0.0	0.0	0.8	0.0	0.6	0.0
21	0.0	0.0	-1.6	0.0	-1.9	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	-0.2	0.0
22	0.0	0.0	-0.6	0.0	-0.2	0.0	0.2	1.0	0.0	0.0	0.0	0.0	0.2	0.0
23	0.0	0.0	-0.7	0.0	-0.4	0.0	0.2	1.0	0.0	0.0	-0.1	0.0	0.2	0.0
24	0.0	0.0	-0.7	0.0	-0.4	0.0	0.2	1.0	0.0	0.0	-0.1	0.0	0.2	0.0
25	0.0	0.0	-0.6	0.0	-0.2	0.0	0.2	1.0	0.0	0.0	0.0	0.0	0.2	0.0

4 (C-D)

3

1	0.0	0.0	-0.2	0.0	0.4	0.0	0.4	.1	0.0	0.0	1.5	0.0	-1.0	0.0
2	0.0	0.0	0.6	0.0	0.7	0.0	0.7	0.0	0.0	0.0	2.1	0.0	-2.1	0.0
3	0.0	0.0	-0.9	0.0	0.0	0.0	0.6	.6	0.0	0.0	0.6	0.0	0.3	0.0
4	0.0	0.0	0.6	0.0	0.7	0.0	0.7	0.0	0.0	0.0	2.0	0.0	-2.0	0.0
5	0.0	0.0	-0.8	0.0	0.1	0.0	0.6	.55	0.0	0.0	0.6	0.0	0.3	0.0
6	0.0	0.0	0.7	0.0	0.8	0.0	0.8	0.0	0.0	0.0	2.2	0.0	-2.4	0.0
7	0.0	0.0	-1.0	0.0	0.0	0.0	0.7	.7	0.0	0.0	0.4	0.0	0.6	0.0
8	0.0	0.0	0.8	0.0	0.8	0.0	0.8	0.0	0.0	0.0	2.2	0.0	-2.4	0.0
9	0.0	0.0	-1.1	0.0	0.0	0.0	0.8	.7	0.0	0.0	0.4	0.0	0.6	0.0
10	0.0	0.0	0.1	0.0	0.5	0.0	0.5	0.0	0.0	0.0	1.6	0.0	-1.3	0.0
11	0.0	0.0	-0.4	0.0	0.2	0.0	0.4	.25	0.0	0.0	1.1	0.0	-0.5	0.0
12	0.0	0.0	-0.3	0.0	0.3	0.0	0.4	.2	0.0	0.0	1.2	0.0	-0.6	0.0
13	0.0	0.0	0.0	0.0	0.4	0.0	0.4	0.0	0.0	0.0	1.5	0.0	-1.2	0.0
14	0.0	0.0	0.1	0.0	0.5	0.0	0.5	0.0	0.0	0.0	1.6	0.0	-1.3	0.0
15	0.0	0.0	-0.4	0.0	0.3	0.0	0.4	.25	0.0	0.0	1.1	0.0	-0.5	0.0
16	0.0	0.0	-0.5	0.0	0.2	0.0	0.4	.3	0.0	0.0	1.0	0.0	-0.3	0.0
17	0.0	0.0	0.2	0.0	0.5	0.0	0.5	0.0	0.0	0.0	1.6	0.0	-1.4	0.0
18	0.0	0.0	0.6	0.0	0.5	0.0	0.5	0.0	0.0	0.0	1.5	0.0	-1.7	0.0
19	0.0	0.0	-0.8	0.0	-0.1	0.0	0.7	.9	0.0	0.0	0.1	0.0	0.6	0.0
20	0.0	0.0	0.8	0.0	0.6	0.0	0.6	0.0	0.0	0.0	1.7	0.0	-2.0	0.0
21	0.0	0.0	-1.0	0.0	-0.2	0.0	1.0	1.0	0.0	0.0	-0.1	0.0	1.0	0.0
22	0.0	0.0	0.0	0.0	0.2	0.0	0.2	.05	0.0	0.0	0.9	0.0	-0.6	0.0
23	0.0	0.0	-0.1	0.0	0.2	0.0	0.2	.15	0.0	0.0	0.8	0.0	-0.5	0.0
24	0.0	0.0	-0.1	0.0	0.2	0.0	0.2	.15	0.0	0.0	0.8	0.0	-0.5	0.0

		25	0.0	0.0	0.0	0.0	0.2	0.0	0.2	.05	0.0	0.0	0.9	0.0	-0.6	0.0
4 (D-D')	3	1	0.0	0.0	-1.6	-0.2	-0.8	0.0	0.4	1.0	0.0	0.0	-0.8	-0.2	0.4	0.0
		2	0.0	0.0	-0.7	-0.2	0.5	0.0	0.8	.95	0.0	0.0	0.0	-0.2	0.8	0.0
		3	0.0	0.0	-2.3	-0.1	-2.0	0.0	0.0	0.0	0.0	0.0	-1.5	-0.1	-0.1	0.0
		4	0.0	0.0	-0.7	-0.1	0.5	0.0	0.8	1.0	0.0	0.0	0.0	-0.1	0.8	0.0
		5	0.0	0.0	-2.3	-0.2	-1.9	0.0	0.0	0.0	0.0	0.0	-1.5	-0.2	0.0	0.0
		6	0.0	0.0	-0.5	-0.2	0.8	0.0	1.0	.7	0.0	0.0	0.2	-0.2	0.9	0.0
		7	0.0	0.0	-2.5	-0.1	-2.2	0.0	0.0	0.0	0.0	0.0	-1.7	-0.1	-0.2	0.0
		8	0.0	0.0	-0.5	-0.2	0.8	0.0	1.0	.65	0.0	0.0	0.3	-0.2	1.0	0.0
		9	0.0	0.0	-2.5	-0.2	-2.3	0.0	0.0	0.0	0.0	0.0	-1.7	-0.2	-0.2	0.0
		10	0.0	0.0	-1.2	-0.2	-0.3	0.0	0.6	1.0	0.0	0.0	-0.5	-0.2	0.6	0.0
		11	0.0	0.0	-1.8	-0.1	-1.2	0.0	0.2	1.0	0.0	0.0	-1.0	-0.1	0.2	0.0
		12	0.0	0.0	-1.7	-0.2	-1.0	0.0	0.3	1.0	0.0	0.0	-0.9	-0.2	0.3	0.0
		13	0.0	0.0	-1.3	-0.1	-0.4	0.0	0.5	1.0	0.0	0.0	-0.6	-0.1	0.5	0.0
		14	0.0	0.0	-1.3	-0.2	-0.3	0.0	0.5	1.0	0.0	0.0	-0.5	-0.2	0.5	0.0
		15	0.0	0.0	-1.7	-0.1	-1.1	0.0	0.2	1.0	0.0	0.0	-1.0	-0.1	0.2	0.0
		16	0.0	0.0	-1.8	-0.2	-1.3	0.0	0.2	1.0	0.0	0.0	-1.1	-0.2	0.2	0.0
		17	0.0	0.0	-1.2	-0.1	-0.2	0.0	0.6	1.0	0.0	0.0	-0.4	-0.1	0.6	0.0
		18	0.0	0.0	-0.2	-0.1	0.8	0.0	0.8	.35	0.0	0.0	0.3	-0.1	0.7	0.0
		19	0.0	0.0	-1.7	-0.1	-1.7	0.0	0.0	0.0	0.0	0.0	-1.3	-0.1	-0.2	0.0
		20	0.0	0.0	0.0	-0.1	1.1	0.0	1.1	0.0	0.0	0.0	0.5	-0.1	0.8	0.0
		21	0.0	0.0	-1.9	-0.1	-2.0	0.0	0.0	0.0	0.0	0.0	-1.5	-0.1	-0.3	0.0
		22	0.0	0.0	-0.9	-0.1	-0.4	0.0	0.3	1.0	0.0	0.0	-0.4	-0.1	0.3	0.0
		23	0.0	0.0	-1.0	-0.1	-0.6	0.0	0.2	1.0	0.0	0.0	-0.5	-0.1	0.2	0.0
		24	0.0	0.0	-1.0	-0.1	-0.5	0.0	0.2	1.0	0.0	0.0	-0.5	-0.1	0.2	0.0
		25	0.0	0.0	-0.9	-0.1	-0.4	0.0	0.3	1.0	0.0	0.0	-0.4	-0.1	0.3	0.0
4 (D'-E)	3	1	0.0	0.0	-0.4	0.1	0.4	0.0	0.5	.2	0.0	0.0	1.8	0.1	-1.0	0.0
		2	0.0	0.0	0.4	0.1	0.9	0.0	0.9	0.0	0.0	0.0	2.4	0.1	-2.1	0.0
		3	0.0	0.0	-1.2	0.1	-0.1	0.0	0.7	.6	0.0	0.0	0.8	0.1	0.3	0.0
		4	0.0	0.0	0.4	0.1	0.8	0.0	0.8	0.0	0.0	0.0	2.4	0.1	-2.1	0.0
		5	0.0	0.0	-1.1	0.1	0.0	0.0	0.6	.55	0.0	0.0	0.8	0.1	0.3	0.0
		6	0.0	0.0	0.6	0.1	1.0	0.0	1.0	0.0	0.0	0.0	2.6	0.1	-2.4	0.0
		7	0.0	0.0	-1.3	0.1	-0.2	0.0	0.8	.7	0.0	0.0	0.6	0.1	0.6	0.0
		8	0.0	0.0	0.6	0.1	1.0	0.0	1.0	0.0	0.0	0.0	2.6	0.1	-2.5	0.0
		9	0.0	0.0	-1.4	0.1	-0.2	0.0	0.8	.7	0.0	0.0	0.6	0.1	0.6	0.0
		10	0.0	0.0	-0.1	0.1	0.6	0.0	0.6	.05	0.0	0.0	1.9	0.1	-1.4	0.0
		11	0.0	0.0	-0.7	0.1	0.2	0.0	0.5	.35	0.0	0.0	1.3	0.1	-0.5	0.0
		12	0.0	0.0	-0.5	0.1	0.3	0.0	0.4	.25	0.0	0.0	1.4	0.1	-0.6	0.0
		13	0.0	0.0	-0.2	0.1	0.5	0.0	0.5	.1	0.0	0.0	1.8	0.1	-1.2	0.0
		14	0.0	0.0	-0.1	0.1	0.5	0.0	0.5	.05	0.0	0.0	1.9	0.1	-1.3	0.0
		15	0.0	0.0	-0.6	0.1	0.2	0.0	0.5	.3	0.0	0.0	1.3	0.1	-0.5	0.0
		16	0.0	0.0	-0.7	0.1	0.2	0.0	0.5	.35	0.0	0.0	1.3	0.1	-0.4	0.0
		17	0.0	0.0	0.0	0.1	0.6	0.0	0.6	0.0	0.0	0.0	1.9	0.1	-1.4	0.0
		18	0.0	0.0	0.6	0.1	0.7	0.0	0.7	0.0	0.0	0.0	1.7	0.1	-1.8	0.0

		19	0.0	0.0	-1.0	0.1	-0.2	0.0	0.7	.85	0.0	0.0	0.2	0.1	0.6	0.0
		20	0.0	0.0	0.8	0.1	0.8	0.0	0.8	0.0	0.0	0.0	2.0	0.1	-2.1	0.0
		21	0.0	0.0	-1.2	0.1	-0.3	0.0	1.0	1.0	0.0	0.0	0.0	0.1	1.0	0.0
		22	0.0	0.0	-0.1	0.1	0.3	0.0	0.3	.1	0.0	0.0	1.0	0.1	-0.7	0.0
		23	0.0	0.0	-0.3	0.0	0.2	0.0	0.3	.25	0.0	0.0	0.9	0.0	-0.5	0.0
		24	0.0	0.0	-0.2	0.1	0.2	0.0	0.3	.2	0.0	0.0	0.9	0.1	-0.5	0.0
		25	0.0	0.0	-0.2	0.0	0.3	0.0	0.3	.15	0.0	0.0	1.0	0.0	-0.6	0.0
4 (E-F)	3	1	0.0	0.0	-1.7	-0.1	-0.9	0.0	0.0	0.0	0.0	0.0	-1.5	-0.1	-0.7	0.0
		2	0.0	0.0	-0.7	-0.1	0.5	0.0	0.6	1.0	0.0	0.0	-0.5	-0.1	0.6	0.0
		3	0.0	0.0	-2.3	-0.1	-2.1	0.0	0.0	0.0	0.0	0.0	-2.2	-0.1	-1.8	0.0
		4	0.0	0.0	-0.7	-0.1	0.4	0.0	0.5	1.0	0.0	0.0	-0.6	-0.1	0.5	0.0
		5	0.0	0.0	-2.3	-0.1	-2.1	0.0	0.0	0.0	0.0	0.0	-2.2	-0.1	-1.7	0.0
		6	0.0	0.0	-0.5	-0.1	0.8	0.0	0.8	1.0	0.0	0.0	-0.4	-0.1	0.8	0.0
		7	0.0	0.0	-2.5	-0.1	-2.4	0.0	0.0	0.0	0.0	0.0	-2.4	-0.1	-2.0	0.0
		8	0.0	0.0	-0.4	-0.1	0.8	0.0	0.9	1.0	0.0	0.0	-0.3	-0.1	0.9	0.0
		9	0.0	0.0	-2.5	-0.1	-2.5	0.0	0.0	0.0	0.0	0.0	-2.4	-0.1	-2.1	0.0
		10	0.0	0.0	-1.2	-0.1	-0.4	0.0	0.0	0.0	0.0	0.0	-1.1	-0.1	-0.2	0.0
		11	0.0	0.0	-1.8	-0.1	-1.3	0.0	0.0	0.0	0.0	0.0	-1.6	-0.1	-1.0	0.0
		12	0.0	0.0	-1.7	-0.1	-1.1	0.0	0.0	0.0	0.0	0.0	-1.6	-0.1	-0.9	0.0
		13	0.0	0.0	-1.3	0.0	-0.5	0.0	0.0	0.0	0.0	0.0	-1.2	0.0	-0.3	0.0
		14	0.0	0.0	-1.2	-0.1	-0.4	0.0	0.0	0.0	0.0	0.0	-1.1	-0.1	-0.3	0.0
		15	0.0	0.0	-1.7	-0.1	-1.2	0.0	0.0	0.0	0.0	0.0	-1.6	-0.1	-0.9	0.0
		16	0.0	0.0	-1.9	-0.1	-1.4	0.0	0.0	0.0	0.0	0.0	-1.7	-0.1	-1.1	0.0
		17	0.0	0.0	-1.1	-0.1	-0.2	0.0	0.0	0.0	0.0	0.0	-1.0	-0.1	-0.1	0.0
		18	0.0	0.0	-0.1	0.0	0.8	0.0	0.8	1.0	0.0	0.0	0.0	0.0	0.8	0.0
		19	0.0	0.0	-1.7	0.0	-1.8	0.0	0.0	0.0	0.0	0.0	-1.6	0.0	-1.5	0.0
		20	0.0	0.0	0.1	0.0	1.1	0.0	1.1	0.0	0.0	0.0	0.2	0.0	1.1	0.0
		21	0.0	0.0	-1.9	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	-1.9	0.0	-1.8	0.0
		22	0.0	0.0	-0.9	-0.1	-0.4	0.0	0.0	0.0	0.0	0.0	-0.8	-0.1	-0.3	0.0
		23	0.0	0.0	-0.9	0.0	-0.6	0.0	0.0	0.0	0.0	0.0	-0.9	0.0	-0.4	0.0
		24	0.0	0.0	-1.0	-0.1	-0.6	0.0	0.0	0.0	0.0	0.0	-0.9	-0.1	-0.5	0.0
		25	0.0	0.0	-0.8	0.0	-0.4	0.0	0.0	0.0	0.0	0.0	-0.8	0.0	-0.3	0.0
4 (F-F')	3	1	0.0	0.0	-1.5	-0.1	-0.7	0.0	0.4	.65	0.0	0.0	0.8	-0.1	0.1	0.0
		2	0.0	0.0	-0.5	-0.1	0.6	0.0	0.7	.25	0.0	0.0	1.6	-0.1	-0.6	0.0
		3	0.0	0.0	-2.2	-0.1	-1.8	0.0	0.8	1.0	0.0	0.0	-0.1	-0.1	0.8	0.0
		4	0.0	0.0	-0.6	-0.1	0.5	0.0	0.7	.25	0.0	0.0	1.5	-0.1	-0.6	0.0
		5	0.0	0.0	-2.2	-0.1	-1.7	0.0	0.8	1.0	0.0	0.0	-0.1	-0.1	0.8	0.0
		6	0.0	0.0	-0.4	-0.1	0.8	0.0	0.9	.15	0.0	0.0	1.8	-0.1	-0.8	0.0
		7	0.0	0.0	-2.4	-0.1	-2.0	0.0	1.0	1.0	0.0	0.0	-0.3	-0.1	1.0	0.0
		8	0.0	0.0	-0.3	-0.1	0.9	0.0	0.9	.15	0.0	0.0	1.8	-0.1	-0.8	0.0
		9	0.0	0.0	-2.4	-0.1	-2.1	0.0	1.0	1.0	0.0	0.0	-0.3	-0.1	1.0	0.0
		10	0.0	0.0	-1.1	-0.1	-0.2	0.0	0.4	.5	0.0	0.0	1.0	-0.1	-0.1	0.0
		11	0.0	0.0	-1.6	-0.1	-1.0	0.0	0.5	.8	0.0	0.0	0.5	-0.1	0.3	0.0
		12	0.0	0.0	-1.6	-0.1	-0.9	0.0	0.4	.75	0.0	0.0	0.5	-0.1	0.3	0.0

			13	0.0	0.0	-1.2	0.0	-0.3	0.0	0.4	.55	0.0	0.0	0.9	0.0	-0.1	0.0
			14	0.0	0.0	-1.1	-0.1	-0.3	0.0	0.4	.55	0.0	0.0	1.0	-0.1	-0.1	0.0
			15	0.0	0.0	-1.6	-0.1	-0.9	0.0	0.4	.75	0.0	0.0	0.5	-0.1	0.3	0.0
			16	0.0	0.0	-1.7	-0.1	-1.1	0.0	0.5	.85	0.0	0.0	0.4	-0.1	0.4	0.0
			17	0.0	0.0	-1.0	-0.1	-0.1	0.0	0.5	.45	0.0	0.0	1.1	-0.1	-0.2	0.0
			18	0.0	0.0	0.0	0.0	0.8	0.0	0.8	0.0	0.0	0.0	1.2	0.0	-0.6	0.0
			19	0.0	0.0	-1.6	0.0	-1.5	0.0	0.8	1.0	0.0	0.0	-0.4	0.0	0.8	0.0
			20	0.0	0.0	0.2	0.0	1.1	0.0	1.1	0.0	0.0	0.0	1.5	0.0	-0.8	0.0
			21	0.0	0.0	-1.9	0.0	-1.8	0.0	0.9	1.0	0.0	0.0	-0.6	0.0	0.9	0.0
			22	0.0	0.0	-0.8	-0.1	-0.3	0.0	0.2	.65	0.0	0.0	0.5	-0.1	0.0	0.0
			23	0.0	0.0	-0.9	0.0	-0.4	0.0	0.2	.7	0.0	0.0	0.4	0.0	0.1	0.0
			24	0.0	0.0	-0.9	-0.1	-0.5	0.0	0.3	.7	0.0	0.0	0.4	-0.1	0.1	0.0
			25	0.0	0.0	-0.8	0.0	-0.3	0.0	0.2	.6	0.0	0.0	0.5	0.0	0.0	0.0
	4 (F'-G)	3	1	0.0	0.0	1.2	0.2	0.1	0.0	0.1	0.0	0.0	0.0	1.8	0.2	-0.9	0.0
			2	0.0	0.0	2.0	0.2	-0.6	0.0	0.0	0.0	0.0	0.0	2.5	0.2	-2.1	0.0
			3	0.0	0.0	0.3	0.2	0.8	0.0	0.8	0.0	0.0	0.0	0.8	0.2	0.4	0.0
			4	0.0	0.0	1.9	0.2	-0.6	0.0	0.0	0.0	0.0	0.0	2.4	0.2	-2.1	0.0
			5	0.0	0.0	0.3	0.2	0.8	0.0	0.8	0.0	0.0	0.0	0.8	0.2	0.4	0.0
			6	0.0	0.0	2.1	0.2	-0.8	0.0	0.0	0.0	0.0	0.0	2.7	0.2	-2.4	0.0
			7	0.0	0.0	0.1	0.2	1.0	0.0	1.0	0.0	0.0	0.0	0.6	0.2	0.7	0.0
			8	0.0	0.0	2.2	0.2	-0.8	0.0	0.0	0.0	0.0	0.0	2.7	0.2	-2.5	0.0
			9	0.0	0.0	0.1	0.2	1.0	0.0	1.0	0.0	0.0	0.0	0.6	0.2	0.8	0.0
			10	0.0	0.0	1.4	0.2	-0.1	0.0	0.0	0.0	0.0	0.0	1.9	0.2	-1.3	0.0
			11	0.0	0.0	0.8	0.2	0.3	0.0	0.3	0.0	0.0	0.0	1.4	0.2	-0.4	0.0
			12	0.0	0.0	0.9	0.2	0.3	0.0	0.3	0.0	0.0	0.0	1.4	0.2	-0.5	0.0
			13	0.0	0.0	1.3	0.2	-0.1	0.0	0.0	0.0	0.0	0.0	1.8	0.2	-1.2	0.0
			14	0.0	0.0	1.4	0.2	-0.1	0.0	0.0	0.0	0.0	0.0	1.9	0.2	-1.2	0.0
			15	0.0	0.0	0.9	0.2	0.3	0.0	0.3	0.0	0.0	0.0	1.4	0.2	-0.5	0.0
			16	0.0	0.0	0.8	0.2	0.4	0.0	0.4	0.0	0.0	0.0	1.3	0.2	-0.3	0.0
			17	0.0	0.0	1.5	0.2	-0.2	0.0	0.0	0.0	0.0	0.0	2.0	0.2	-1.4	0.0
			18	0.0	0.0	1.5	0.1	-0.6	0.0	0.0	0.0	0.0	0.0	1.9	0.1	-1.8	0.0
			19	0.0	0.0	-0.1	0.1	0.8	0.0	0.8	.3	0.0	0.0	0.2	0.1	0.7	0.0
			20	0.0	0.0	1.7	0.1	-0.8	0.0	0.0	0.0	0.0	0.0	2.1	0.1	-2.1	0.0
			21	0.0	0.0	-0.3	0.1	0.9	0.0	1.0	1.0	0.0	0.0	0.0	0.1	1.0	0.0
			22	0.0	0.0	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.2	-0.6	0.0
			23	0.0	0.0	0.7	0.1	0.1	0.0	0.1	0.0	0.0	0.0	1.0	0.1	-0.5	0.0
			24	0.0	0.0	0.7	0.2	0.1	0.0	0.1	0.0	0.0	0.0	1.0	0.2	-0.4	0.0
			25	0.0	0.0	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.1	-0.6	0.0
	4 (G-H)	3	1	0.0	0.0	-1.4	0.0	-0.8	0.0	0.4	.5	0.0	0.0	1.3	0.0	-0.7	0.0
			2	0.0	0.0	-0.5	0.0	0.5	0.0	0.7	.2	0.0	0.0	1.9	0.0	-1.9	0.0
			3	0.0	0.0	-2.0	0.0	-1.9	0.0	0.8	.8	0.0	0.0	0.4	0.0	0.7	0.0
			4	0.0	0.0	-0.6	0.0	0.4	0.0	0.6	.25	0.0	0.0	1.9	0.0	-1.8	0.0
			5	0.0	0.0	-1.9	0.0	-1.9	0.0	0.8	.8	0.0	0.0	0.5	0.0	0.6	0.0
			6	0.0	0.0	-0.4	0.0	0.7	0.0	0.8	.15	0.0	0.0	2.1	0.0	-2.2	0.0

		7	0.0	0.0	-2.1	0.0	-2.2	0.0	1.0	.9	0.0	0.0	0.3	0.0	1.0	0.0
		8	0.0	0.0	-0.3	0.0	0.8	0.0	0.9	.15	0.0	0.0	2.1	0.0	-2.2	0.0
		9	0.0	0.0	-2.2	0.0	-2.3	0.0	1.1	.9	0.0	0.0	0.3	0.0	1.0	0.0
		10	0.0	0.0	-1.0	0.0	-0.3	0.0	0.4	.4	0.0	0.0	1.4	0.0	-1.1	0.0
		11	0.0	0.0	-1.5	0.0	-1.2	0.0	0.4	.6	0.0	0.0	0.9	0.0	-0.1	0.0
		12	0.0	0.0	-1.4	0.0	-1.0	0.0	0.4	.6	0.0	0.0	1.0	0.0	-0.3	0.0
		13	0.0	0.0	-1.1	0.0	-0.5	0.0	0.4	.45	0.0	0.0	1.3	0.0	-0.9	0.0
		14	0.0	0.0	-1.0	0.0	-0.4	0.0	0.4	.45	0.0	0.0	1.4	0.0	-1.0	0.0
		15	0.0	0.0	-1.5	0.0	-1.1	0.0	0.4	.6	0.0	0.0	0.9	0.0	-0.2	0.0
		16	0.0	0.0	-1.6	0.0	-1.3	0.0	0.5	.65	0.0	0.0	0.8	0.0	0.0	0.0
		17	0.0	0.0	-0.9	0.0	-0.2	0.0	0.4	.4	0.0	0.0	1.5	0.0	-1.2	0.0
		18	0.0	0.0	-0.1	0.0	0.7	0.0	0.7	.05	0.0	0.0	1.4	0.0	-1.6	0.0
		19	0.0	0.0	-1.5	0.0	-1.6	0.0	0.9	1.0	0.0	0.0	0.0	0.0	0.9	0.0
		20	0.0	0.0	0.1	0.0	1.0	0.0	1.0	0.0	0.0	0.0	1.6	0.0	-2.0	0.0
		21	0.0	0.0	-1.7	0.0	-2.0	0.0	1.2	1.0	0.0	0.0	-0.2	0.0	1.2	0.0
		22	0.0	0.0	-0.7	0.0	-0.4	0.0	0.2	.5	0.0	0.0	0.8	0.0	-0.4	0.0
		23	0.0	0.0	-0.8	0.0	-0.5	0.0	0.2	.55	0.0	0.0	0.7	0.0	-0.3	0.0
		24	0.0	0.0	-0.8	0.0	-0.5	0.0	0.2	.55	0.0	0.0	0.7	0.0	-0.3	0.0
		25	0.0	0.0	-0.7	0.0	-0.4	0.0	0.2	.5	0.0	0.0	0.8	0.0	-0.4	0.0
6 (B-C)	3	1	0.0	0.0	-3.4	0.0	-1.7	0.0	1.1	1.0	0.0	0.0	-0.7	0.0	1.1	0.0
		2	0.0	0.0	-2.1	0.0	0.0	0.0	1.3	.9	0.0	0.0	0.2	0.0	1.3	0.0
		3	0.0	0.0	-3.8	0.0	-2.9	0.0	0.6	1.0	0.0	0.0	-1.5	0.0	0.6	0.0
		4	0.0	0.0	-2.1	0.0	0.0	0.0	1.3	.9	0.0	0.0	0.2	0.0	1.3	0.0
		5	0.0	0.0	-3.7	0.0	-2.8	0.0	0.6	1.0	0.0	0.0	-1.4	0.0	0.6	0.0
		6	0.0	0.0	-2.0	0.0	0.2	0.0	1.3	.85	0.0	0.0	0.3	0.0	1.3	0.0
		7	0.0	0.0	-3.9	0.0	-3.1	0.0	0.6	1.0	0.0	0.0	-1.6	0.0	0.6	0.0
		8	0.0	0.0	-1.9	0.0	0.3	0.0	1.4	.85	0.0	0.0	0.4	0.0	1.3	0.0
		9	0.0	0.0	-3.9	0.0	-3.1	0.0	0.6	1.0	0.0	0.0	-1.6	0.0	0.6	0.0
		10	0.0	0.0	-2.6	0.0	-1.0	0.0	1.0	1.0	0.0	0.0	-0.3	0.0	1.0	0.0
		11	0.0	0.0	-3.2	0.0	-1.9	0.0	0.8	1.0	0.0	0.0	-0.9	0.0	0.8	0.0
		12	0.0	0.0	-3.1	0.0	-1.8	0.0	0.9	1.0	0.0	0.0	-0.8	0.0	0.9	0.0
		13	0.0	0.0	-2.7	0.0	-1.1	0.0	1.0	1.0	0.0	0.0	-0.4	0.0	1.0	0.0
		14	0.0	0.0	-2.7	0.0	-1.0	0.0	1.0	1.0	0.0	0.0	-0.4	0.0	1.0	0.0
		15	0.0	0.0	-3.2	0.0	-1.9	0.0	0.8	1.0	0.0	0.0	-0.9	0.0	0.8	0.0
		16	0.0	0.0	-3.3	0.0	-2.0	0.0	0.8	1.0	0.0	0.0	-1.0	0.0	0.8	0.0
		17	0.0	0.0	-2.6	0.0	-0.9	0.0	1.1	1.0	0.0	0.0	-0.3	0.0	1.1	0.0
		18	0.0	0.0	-0.8	0.0	0.6	0.0	1.0	.65	0.0	0.0	0.5	0.0	0.8	0.0
		19	0.0	0.0	-2.5	0.0	-2.2	0.0	0.2	1.0	0.0	0.0	-1.2	0.0	0.2	0.0
		20	0.0	0.0	-0.7	0.0	0.9	0.0	1.1	.55	0.0	0.0	0.6	0.0	0.9	0.0
		21	0.0	0.0	-2.6	0.0	-2.5	0.0	0.2	1.0	0.0	0.0	-1.3	0.0	0.2	0.0
		22	0.0	0.0	-1.6	0.0	-0.8	0.0	0.5	1.0	0.0	0.0	-0.3	0.0	0.5	0.0
		23	0.0	0.0	-1.7	0.0	-0.9	0.0	0.5	1.0	0.0	0.0	-0.4	0.0	0.5	0.0
		24	0.0	0.0	-1.7	0.0	-0.9	0.0	0.5	1.0	0.0	0.0	-0.4	0.0	0.5	0.0
		25	0.0	0.0	-1.6	0.0	-0.7	0.0	0.5	1.0	0.0	0.0	-0.3	0.0	0.5	0.0



6 (C-D)	3	1	0.0	0.0	-0.7	0.0	1.1	0.0	1.2	.15	0.0	0.0	3.4	0.0	-1.8	0.0
		2	0.0	0.0	0.2	0.0	1.3	0.0	1.3	0.0	0.0	0.0	3.8	0.0	-3.0	0.0
		3	0.0	0.0	-1.5	0.0	0.6	0.0	1.2	.4	0.0	0.0	2.1	0.0	-0.1	0.0
		4	0.0	0.0	0.2	0.0	1.3	0.0	1.3	0.0	0.0	0.0	3.8	0.0	-2.9	0.0
		5	0.0	0.0	-1.4	0.0	0.6	0.0	1.2	.4	0.0	0.0	2.2	0.0	-0.1	0.0
		6	0.0	0.0	0.3	0.0	1.3	0.0	1.3	0.0	0.0	0.0	3.9	0.0	-3.2	0.0
		7	0.0	0.0	-1.6	0.0	0.6	0.0	1.3	.45	0.0	0.0	2.0	0.0	0.1	0.0
		8	0.0	0.0	0.4	0.0	1.3	0.0	1.3	0.0	0.0	0.0	4.0	0.0	-3.2	0.0
		9	0.0	0.0	-1.6	0.0	0.6	0.0	1.3	.45	0.0	0.0	2.0	0.0	0.2	0.0
		10	0.0	0.0	-0.3	0.0	1.0	0.0	1.1	.1	0.0	0.0	3.3	0.0	-2.0	0.0
		11	0.0	0.0	-0.9	0.0	0.8	0.0	1.1	.25	0.0	0.0	2.7	0.0	-1.1	0.0
		12	0.0	0.0	-0.8	0.0	0.9	0.0	1.1	.25	0.0	0.0	2.8	0.0	-1.2	0.0
		13	0.0	0.0	-0.4	0.0	1.0	0.0	1.1	.1	0.0	0.0	3.2	0.0	-1.9	0.0
		14	0.0	0.0	-0.4	0.0	1.0	0.0	1.1	.1	0.0	0.0	3.2	0.0	-2.0	0.0
		15	0.0	0.0	-0.9	0.0	0.8	0.0	1.1	.25	0.0	0.0	2.7	0.0	-1.1	0.0
		16	0.0	0.0	-1.0	0.0	0.8	0.0	1.1	.25	0.0	0.0	2.7	0.0	-1.0	0.0
		17	0.0	0.0	-0.3	0.0	1.1	0.0	1.1	.1	0.0	0.0	3.3	0.0	-2.1	0.0
		18	0.0	0.0	0.5	0.0	0.8	0.0	0.8	0.0	0.0	0.0	2.5	0.0	-2.3	0.0
		19	0.0	0.0	-1.2	0.0	0.2	0.0	0.9	.6	0.0	0.0	0.9	0.0	0.5	0.0
		20	0.0	0.0	0.6	0.0	0.9	0.0	0.9	0.0	0.0	0.0	2.7	0.0	-2.6	0.0
		21	0.0	0.0	-1.3	0.0	0.2	0.0	1.1	.65	0.0	0.0	0.7	0.0	0.8	0.0
		22	0.0	0.0	-0.3	0.0	0.5	0.0	0.6	.15	0.0	0.0	1.7	0.0	-0.9	0.0
		23	0.0	0.0	-0.4	0.0	0.5	0.0	0.6	.2	0.0	0.0	1.7	0.0	-0.8	0.0
		24	0.0	0.0	-0.4	0.0	0.5	0.0	0.6	.2	0.0	0.0	1.7	0.0	-0.8	0.0
		25	0.0	0.0	-0.3	0.0	0.5	0.0	0.6	.15	0.0	0.0	1.7	0.0	-0.9	0.0
6 (G-H)	3	1	0.0	0.0	-3.3	0.0	-1.7	0.0	1.2	.5	0.0	0.0	3.4	0.0	-1.8	0.0
		2	0.0	0.0	-2.1	0.0	0.0	0.0	1.2	.35	0.0	0.0	3.8	0.0	-3.0	0.0
		3	0.0	0.0	-3.8	0.0	-2.9	0.0	1.2	.65	0.0	0.0	2.2	0.0	-0.2	0.0
		4	0.0	0.0	-2.1	0.0	-0.1	0.0	1.2	.35	0.0	0.0	3.8	0.0	-3.0	0.0
		5	0.0	0.0	-3.7	0.0	-2.9	0.0	1.2	.65	0.0	0.0	2.2	0.0	-0.2	0.0
		6	0.0	0.0	-2.0	0.0	0.2	0.0	1.3	.35	0.0	0.0	4.0	0.0	-3.3	0.0
		7	0.0	0.0	-3.9	0.0	-3.1	0.0	1.3	.65	0.0	0.0	2.0	0.0	0.1	0.0
		8	0.0	0.0	-1.9	0.0	0.2	0.0	1.3	.35	0.0	0.0	4.0	0.0	-3.3	0.0
		9	0.0	0.0	-3.9	0.0	-3.2	0.0	1.3	.65	0.0	0.0	2.0	0.0	0.1	0.0
		10	0.0	0.0	-2.6	0.0	-1.0	0.0	1.0	.45	0.0	0.0	3.3	0.0	-2.1	0.0
		11	0.0	0.0	-3.2	0.0	-1.9	0.0	1.0	.55	0.0	0.0	2.7	0.0	-1.1	0.0
		12	0.0	0.0	-3.1	0.0	-1.8	0.0	1.0	.55	0.0	0.0	2.8	0.0	-1.2	0.0
		13	0.0	0.0	-2.7	0.0	-1.1	0.0	1.0	.45	0.0	0.0	3.2	0.0	-2.0	0.0
		14	0.0	0.0	-2.7	0.0	-1.0	0.0	1.0	.45	0.0	0.0	3.3	0.0	-2.0	0.0
		15	0.0	0.0	-3.2	0.0	-1.9	0.0	1.0	.55	0.0	0.0	2.7	0.0	-1.2	0.0
		16	0.0	0.0	-3.2	0.0	-2.0	0.0	1.0	.55	0.0	0.0	2.7	0.0	-1.0	0.0
		17	0.0	0.0	-2.6	0.0	-0.9	0.0	1.1	.45	0.0	0.0	3.3	0.0	-2.2	0.0
		18	0.0	0.0	-0.8	0.0	0.6	0.0	0.9	.25	0.0	0.0	2.5	0.0	-2.3	0.0
		19	0.0	0.0	-2.5	0.0	-2.2	0.0	0.9	.75	0.0	0.0	0.9	0.0	0.5	0.0
		20	0.0	0.0	-0.7	0.0	0.8	0.0	1.1	.2	0.0	0.0	2.7	0.0	-2.6	0.0

		21	0.0	0.0	-2.6	0.0	-2.5	0.0	1.0	.8	0.0	0.0	0.7	0.0	0.8	0.0
		22	0.0	0.0	-1.6	0.0	-0.8	0.0	0.6	.5	0.0	0.0	1.7	0.0	-1.0	0.0
		23	0.0	0.0	-1.7	0.0	-0.9	0.0	0.6	.5	0.0	0.0	1.7	0.0	-0.9	0.0
		24	0.0	0.0	-1.7	0.0	-0.9	0.0	0.6	.5	0.0	0.0	1.7	0.0	-0.8	0.0
		25	0.0	0.0	-1.6	0.0	-0.8	0.0	0.6	.5	0.0	0.0	1.7	0.0	-1.0	0.0
7 (B-C)	3	1	0.0	0.0	-4.9	0.0	-2.0	0.0	1.7	1.0	0.0	0.0	-0.7	0.0	1.7	0.0
		2	0.0	0.0	-3.4	-0.1	-0.3	0.0	1.8	.95	0.0	0.0	0.3	-0.1	1.8	0.0
		3	0.0	0.0	-5.1	0.0	-3.3	0.0	1.1	1.0	0.0	0.0	-1.4	0.0	1.1	0.0
		4	0.0	0.0	-3.4	-0.1	-0.3	0.0	1.8	.95	0.0	0.0	0.2	-0.1	1.8	0.0
		5	0.0	0.0	-5.1	0.0	-3.2	0.0	1.1	1.0	0.0	0.0	-1.4	0.0	1.1	0.0
		6	0.0	0.0	-3.3	-0.1	-0.2	0.0	1.9	.9	0.0	0.0	0.3	-0.1	1.9	0.0
		7	0.0	0.0	-5.1	0.0	-3.4	0.0	1.1	1.0	0.0	0.0	-1.5	0.0	1.1	0.0
		8	0.0	0.0	-3.3	-0.1	-0.1	0.0	1.9	.9	0.0	0.0	0.3	-0.1	1.9	0.0
		9	0.0	0.0	-5.2	0.0	-3.4	0.0	1.1	1.0	0.0	0.0	-1.5	0.0	1.1	0.0
		10	0.0	0.0	-4.0	-0.1	-1.3	0.0	1.6	1.0	0.0	0.0	-0.3	-0.1	1.6	0.0
		11	0.0	0.0	-4.5	0.0	-2.3	0.0	1.3	1.0	0.0	0.0	-0.8	0.0	1.3	0.0
		12	0.0	0.0	-4.5	-0.1	-2.2	0.0	1.4	1.0	0.0	0.0	-0.8	-0.1	1.4	0.0
		13	0.0	0.0	-4.0	0.0	-1.4	0.0	1.5	1.0	0.0	0.0	-0.3	0.0	1.5	0.0
		14	0.0	0.0	-4.0	-0.1	-1.3	0.0	1.6	1.0	0.0	0.0	-0.3	-0.1	1.6	0.0
		15	0.0	0.0	-4.5	0.0	-2.2	0.0	1.3	1.0	0.0	0.0	-0.8	0.0	1.3	0.0
		16	0.0	0.0	-4.5	-0.1	-2.3	0.0	1.3	1.0	0.0	0.0	-0.9	-0.1	1.3	0.0
		17	0.0	0.0	-3.9	0.0	-1.2	0.0	1.6	1.0	0.0	0.0	-0.3	0.0	1.6	0.0
		18	0.0	0.0	-1.5	0.0	0.5	0.0	1.3	.75	0.0	0.0	0.5	0.0	1.2	0.0
		19	0.0	0.0	-3.2	0.0	-2.5	0.0	0.5	1.0	0.0	0.0	-1.2	0.0	0.5	0.0
		20	0.0	0.0	-1.5	-0.1	0.6	0.0	1.3	.7	0.0	0.0	0.6	-0.1	1.2	0.0
		21	0.0	0.0	-3.3	0.0	-2.6	0.0	0.4	1.0	0.0	0.0	-1.2	0.0	0.4	0.0
		22	0.0	0.0	-2.4	-0.1	-0.9	0.0	0.8	1.0	0.0	0.0	-0.3	-0.1	0.8	0.0
		23	0.0	0.0	-2.4	0.0	-1.0	0.0	0.8	1.0	0.0	0.0	-0.4	0.0	0.8	0.0
		24	0.0	0.0	-2.4	0.0	-1.0	0.0	0.8	1.0	0.0	0.0	-0.4	0.0	0.8	0.0
		25	0.0	0.0	-2.3	0.0	-0.9	0.0	0.8	1.0	0.0	0.0	-0.3	0.0	0.8	0.0
7 (C-D)	3	1	0.0	0.0	-0.4	0.0	1.7	0.0	1.7	.05	0.0	0.0	6.0	0.0	-4.2	0.0
		2	0.0	0.0	0.5	0.0	1.8	0.0	1.8	0.0	0.0	0.0	6.1	0.0	-5.1	0.0
		3	0.0	0.0	-1.2	0.0	1.1	0.0	1.4	.2	0.0	0.0	4.4	0.0	-2.2	0.0
		4	0.0	0.0	0.5	0.0	1.8	0.0	1.8	0.0	0.0	0.0	6.1	0.0	-5.1	0.0
		5	0.0	0.0	-1.2	0.0	1.1	0.0	1.4	.2	0.0	0.0	4.4	0.0	-2.2	0.0
		6	0.0	0.0	0.6	0.1	1.9	0.0	1.9	0.0	0.0	0.0	6.2	0.1	-5.2	0.0
		7	0.0	0.0	-1.3	0.0	1.1	0.0	1.4	.25	0.0	0.0	4.3	0.0	-2.0	0.0
		8	0.0	0.0	0.6	0.0	1.9	0.0	1.9	0.0	0.0	0.0	6.2	0.0	-5.2	0.0
		9	0.0	0.0	-1.3	0.0	1.1	0.0	1.4	.25	0.0	0.0	4.3	0.0	-2.0	0.0
		10	0.0	0.0	-0.1	0.1	1.6	0.0	1.6	0.0	0.0	0.0	5.5	0.1	-4.1	0.0
		11	0.0	0.0	-0.7	0.0	1.3	0.0	1.4	.1	0.0	0.0	4.9	0.0	-3.1	0.0
		12	0.0	0.0	-0.6	0.0	1.4	0.0	1.4	.1	0.0	0.0	5.0	0.0	-3.2	0.0
		13	0.0	0.0	-0.2	0.0	1.6	0.0	1.6	.05	0.0	0.0	5.5	0.0	-4.0	0.0
		14	0.0	0.0	-0.1	0.1	1.6	0.0	1.6	0.0	0.0	0.0	5.5	0.1	-4.1	0.0

		15	0.0	0.0	-0.6	0.0	1.3	0.0	1.4	.1	0.0	0.0	5.0	0.0	-3.2	0.0
		16	0.0	0.0	-0.7	0.0	1.3	0.0	1.4	.1	0.0	0.0	4.9	0.0	-3.1	0.0
		17	0.0	0.0	-0.1	0.0	1.6	0.0	1.6	0.0	0.0	0.0	5.5	0.0	-4.1	0.0
		18	0.0	0.0	0.7	0.0	1.2	0.0	1.2	0.0	0.0	0.0	3.8	0.0	-3.5	0.0
		19	0.0	0.0	-1.1	0.0	0.5	0.0	0.8	.35	0.0	0.0	2.1	0.0	-0.6	0.0
		20	0.0	0.0	0.8	0.0	1.2	0.0	1.2	0.0	0.0	0.0	3.9	0.0	-3.6	0.0
		21	0.0	0.0	-1.1	0.0	0.4	0.0	0.9	.35	0.0	0.0	2.0	0.0	-0.4	0.0
		22	0.0	0.0	-0.2	0.0	0.8	0.0	0.9	.05	0.0	0.0	3.0	0.0	-2.1	0.0
		23	0.0	0.0	-0.2	0.0	0.8	0.0	0.8	.05	0.0	0.0	2.9	0.0	-2.0	0.0
		24	0.0	0.0	-0.2	0.0	0.8	0.0	0.8	.05	0.0	0.0	2.9	0.0	-2.0	0.0
		25	0.0	0.0	-0.2	0.0	0.8	0.0	0.8	.05	0.0	0.0	2.9	0.0	-2.1	0.0
7 (D-D')	3	1	0.0	0.0	-7.9	0.1	-6.9	0.0	0.0	0.0	0.0	0.0	-4.1	0.1	-1.0	0.0
		2	0.0	0.0	-6.7	0.1	-5.4	0.0	0.0	0.0	0.0	0.0	-3.4	0.1	-0.4	0.0
		3	0.0	0.0	-7.1	0.1	-6.8	0.0	0.0	0.0	0.0	0.0	-3.8	0.1	-1.4	0.0
		4	0.0	0.0	-6.7	0.1	-5.4	0.0	0.0	0.0	0.0	0.0	-3.4	0.1	-0.4	0.0
		5	0.0	0.0	-7.1	0.1	-6.8	0.0	0.0	0.0	0.0	0.0	-3.8	0.1	-1.4	0.0
		6	0.0	0.0	-6.7	0.1	-5.3	0.0	0.0	0.0	0.0	0.0	-3.4	0.1	-0.3	0.0
		7	0.0	0.0	-7.1	0.1	-6.9	0.0	0.0	0.0	0.0	0.0	-3.9	0.1	-1.4	0.0
		8	0.0	0.0	-6.7	0.1	-5.3	0.0	0.0	0.0	0.0	0.0	-3.4	0.1	-0.3	0.0
		9	0.0	0.0	-7.1	0.1	-6.9	0.0	0.0	0.0	0.0	0.0	-3.9	0.1	-1.4	0.0
		10	0.0	0.0	-6.8	0.1	-5.9	0.0	0.0	0.0	0.0	0.0	-3.5	0.1	-0.7	0.0
		11	0.0	0.0	-7.0	0.2	-6.3	0.0	0.0	0.0	0.0	0.0	-3.7	0.2	-1.0	0.0
		12	0.0	0.0	-6.9	0.1	-6.3	0.0	0.0	0.0	0.0	0.0	-3.7	0.1	-1.0	0.0
		13	0.0	0.0	-6.8	0.2	-5.9	0.0	0.0	0.0	0.0	0.0	-3.6	0.2	-0.7	0.0
		14	0.0	0.0	-6.8	0.1	-5.9	0.0	0.0	0.0	0.0	0.0	-3.6	0.1	-0.7	0.0
		15	0.0	0.0	-7.0	0.2	-6.3	0.0	0.0	0.0	0.0	0.0	-3.7	0.2	-1.0	0.0
		16	0.0	0.0	-7.0	0.1	-6.4	0.0	0.0	0.0	0.0	0.0	-3.7	0.1	-1.1	0.0
		17	0.0	0.0	-6.8	0.2	-5.8	0.0	0.0	0.0	0.0	0.0	-3.6	0.2	-0.7	0.0
		18	0.0	0.0	-3.7	0.1	-2.8	0.0	0.0	0.0	0.0	0.0	-1.9	0.1	0.0	0.0
		19	0.0	0.0	-4.2	0.1	-4.3	0.0	0.0	0.0	0.0	0.0	-2.4	0.1	-1.0	0.0
		20	0.0	0.0	-3.7	0.1	-2.7	0.0	0.0	1.0	0.0	0.0	-1.9	0.1	0.0	0.0
		21	0.0	0.0	-4.2	0.1	-4.3	0.0	0.0	0.0	0.0	0.0	-2.4	0.1	-1.1	0.0
		22	0.0	0.0	-3.9	0.1	-3.5	0.0	0.0	0.0	0.0	0.0	-2.1	0.1	-0.5	0.0
		23	0.0	0.0	-4.0	0.1	-3.6	0.0	0.0	0.0	0.0	0.0	-2.2	0.1	-0.5	0.0
		24	0.0	0.0	-4.0	0.1	-3.6	0.0	0.0	0.0	0.0	0.0	-2.2	0.1	-0.5	0.0
		25	0.0	0.0	-4.0	0.1	-3.5	0.0	0.0	0.0	0.0	0.0	-2.2	0.1	-0.5	0.0
7 (D'-E)	3	1	0.0	0.0	-3.7	0.0	-1.0	0.0	3.2	1.0	0.0	0.0	0.0	0.0	3.2	0.0
		2	0.0	0.0	-3.1	0.0	-0.4	0.0	2.9	.9	0.0	0.0	0.3	0.0	2.9	0.0
		3	0.0	0.0	-3.5	0.0	-1.4	0.0	2.9	1.0	0.0	0.0	-0.2	0.0	2.9	0.0
		4	0.0	0.0	-3.1	0.0	-0.4	0.0	2.9	.9	0.0	0.0	0.3	0.0	2.9	0.0
		5	0.0	0.0	-3.5	0.0	-1.4	0.0	2.9	1.0	0.0	0.0	-0.2	0.0	2.9	0.0
		6	0.0	0.0	-3.0	0.0	-0.3	0.0	2.9	.9	0.0	0.0	0.3	0.0	2.9	0.0
		7	0.0	0.0	-3.5	0.0	-1.4	0.0	2.9	1.0	0.0	0.0	-0.2	0.0	2.9	0.0
		8	0.0	0.0	-3.0	0.0	-0.3	0.0	2.9	.9	0.0	0.0	0.3	0.0	2.9	0.0

		9	0.0	0.0	-3.5	0.0	-1.4	0.0	2.9	1.0	0.0	0.0	-0.2	0.0	2.9	0.0
		10	0.0	0.0	-3.2	0.0	-0.7	0.0	2.9	.95	0.0	0.0	0.1	0.0	2.9	0.0
		11	0.0	0.0	-3.3	0.0	-1.0	0.0	2.9	1.0	0.0	0.0	0.0	0.0	2.9	0.0
		12	0.0	0.0	-3.3	0.0	-1.0	0.0	2.9	1.0	0.0	0.0	0.0	0.0	2.9	0.0
		13	0.0	0.0	-3.2	0.0	-0.7	0.0	2.9	.95	0.0	0.0	0.1	0.0	2.9	0.0
		14	0.0	0.0	-3.2	0.0	-0.7	0.0	2.9	.95	0.0	0.0	0.1	0.0	2.8	0.0
		15	0.0	0.0	-3.3	0.0	-1.0	0.0	2.9	1.0	0.0	0.0	0.0	0.0	2.9	0.0
		16	0.0	0.0	-3.4	0.0	-1.1	0.0	2.9	1.0	0.0	0.0	0.0	0.0	2.9	0.0
		17	0.0	0.0	-3.2	0.0	-0.7	0.0	2.9	.95	0.0	0.0	0.1	0.0	2.9	0.0
		18	0.0	0.0	-1.7	0.0	0.0	0.0	1.7	.85	0.0	0.0	0.2	0.0	1.7	0.0
		19	0.0	0.0	-2.1	0.0	-1.0	0.0	1.7	1.0	0.0	0.0	-0.2	0.0	1.7	0.0
		20	0.0	0.0	-1.6	0.0	0.0	0.0	1.7	.85	0.0	0.0	0.3	0.0	1.6	0.0
		21	0.0	0.0	-2.1	0.0	-1.1	0.0	1.7	1.0	0.0	0.0	-0.2	0.0	1.7	0.0
		22	0.0	0.0	-1.9	0.0	-0.5	0.0	1.6	1.0	0.0	0.0	0.0	0.0	1.6	0.0
		23	0.0	0.0	-1.9	0.0	-0.5	0.0	1.7	1.0	0.0	0.0	0.0	0.0	1.7	0.0
		24	0.0	0.0	-1.9	0.0	-0.5	0.0	1.6	1.0	0.0	0.0	0.0	0.0	1.6	0.0
		25	0.0	0.0	-1.9	0.0	-0.5	0.0	1.7	1.0	0.0	0.0	0.0	0.0	1.7	0.0
7 (E-F)	3	1	0.0	0.0	0.0	0.0	3.2	0.0	3.2	0.0	0.0	0.0	0.6	0.0	3.1	0.0
		2	0.0	0.0	0.3	0.0	2.9	0.0	2.9	0.0	0.0	0.0	0.8	0.0	2.7	0.0
		3	0.0	0.0	-0.2	0.0	2.9	0.0	2.9	.35	0.0	0.0	0.3	0.0	2.8	0.0
		4	0.0	0.0	0.3	0.0	2.9	0.0	2.9	0.0	0.0	0.0	0.8	0.0	2.7	0.0
		5	0.0	0.0	-0.2	0.0	2.9	0.0	2.9	.35	0.0	0.0	0.3	0.0	2.8	0.0
		6	0.0	0.0	0.3	0.0	2.9	0.0	2.9	0.0	0.0	0.0	0.8	0.0	2.7	0.0
		7	0.0	0.0	-0.2	0.0	2.9	0.0	2.9	.4	0.0	0.0	0.3	0.0	2.8	0.0
		8	0.0	0.0	0.3	0.0	2.9	0.0	2.9	0.0	0.0	0.0	0.8	0.0	2.7	0.0
		9	0.0	0.0	-0.2	0.0	2.9	0.0	2.9	.4	0.0	0.0	0.3	0.0	2.8	0.0
		10	0.0	0.0	0.1	0.0	2.9	0.0	2.9	0.0	0.0	0.0	0.6	0.0	2.7	0.0
		11	0.0	0.0	0.0	0.0	2.9	0.0	2.9	.05	0.0	0.0	0.5	0.0	2.8	0.0
		12	0.0	0.0	0.0	0.0	2.9	0.0	2.9	.05	0.0	0.0	0.5	0.0	2.8	0.0
		13	0.0	0.0	0.1	0.0	2.9	0.0	2.9	0.0	0.0	0.0	0.6	0.0	2.7	0.0
		14	0.0	0.0	0.1	0.0	2.8	0.0	2.8	0.0	0.0	0.0	0.6	0.0	2.7	0.0
		15	0.0	0.0	0.0	0.0	2.9	0.0	2.9	.05	0.0	0.0	0.5	0.0	2.8	0.0
		16	0.0	0.0	0.0	0.0	2.9	0.0	2.9	.1	0.0	0.0	0.5	0.0	2.8	0.0
		17	0.0	0.0	0.1	0.0	2.9	0.0	2.9	0.0	0.0	0.0	0.6	0.0	2.7	0.0
		18	0.0	0.0	0.2	0.0	1.7	0.0	1.7	0.0	0.0	0.0	0.5	0.0	1.5	0.0
		19	0.0	0.0	-0.2	0.0	1.7	0.0	1.7	.65	0.0	0.0	0.1	0.0	1.7	0.0
		20	0.0	0.0	0.3	0.0	1.6	0.0	1.6	0.0	0.0	0.0	0.5	0.0	1.5	0.0
		21	0.0	0.0	-0.2	0.0	1.7	0.0	1.7	.75	0.0	0.0	0.1	0.0	1.7	0.0
		22	0.0	0.0	0.0	0.0	1.6	0.0	1.6	0.0	0.0	0.0	0.3	0.0	1.6	0.0
		23	0.0	0.0	0.0	0.0	1.7	0.0	1.7	0.0	0.0	0.0	0.3	0.0	1.6	0.0
		24	0.0	0.0	0.0	0.0	1.6	0.0	1.6	0.0	0.0	0.0	0.3	0.0	1.6	0.0
		25	0.0	0.0	0.0	0.0	1.7	0.0	1.7	0.0	0.0	0.0	0.3	0.0	1.6	0.0
7 (F-F')	3	1	0.0	0.0	0.6	0.0	3.1	0.0	3.1	0.0	0.0	0.0	4.3	0.0	-2.5	0.0
		2	0.0	0.0	0.8	0.0	2.7	0.0	2.7	0.0	0.0	0.0	4.0	0.0	-2.7	0.0

	3	0.0	0.0	0.3	0.0	2.8	0.0	2.8	0.0	0.0	0.0	3.6	0.0	-1.6	0.0
	4	0.0	0.0	0.8	0.0	2.7	0.0	2.7	0.0	0.0	0.0	4.0	0.0	-2.7	0.0
	5	0.0	0.0	0.3	0.0	2.8	0.0	2.8	0.0	0.0	0.0	3.6	0.0	-1.6	0.0
	6	0.0	0.0	0.8	0.0	2.7	0.0	2.7	0.0	0.0	0.0	4.0	0.0	-2.8	0.0
	7	0.0	0.0	0.3	0.0	2.8	0.0	2.8	0.0	0.0	0.0	3.6	0.0	-1.6	0.0
	8	0.0	0.0	0.8	0.0	2.7	0.0	2.7	0.0	0.0	0.0	4.0	0.0	-2.8	0.0
	9	0.0	0.0	0.3	0.0	2.8	0.0	2.8	0.0	0.0	0.0	3.5	0.0	-1.5	0.0
	10	0.0	0.0	0.6	0.0	2.7	0.0	2.7	0.0	0.0	0.0	3.9	0.0	-2.4	0.0
	11	0.0	0.0	0.5	0.0	2.8	0.0	2.8	0.0	0.0	0.0	3.7	0.0	-2.0	0.0
	12	0.0	0.0	0.5	0.0	2.8	0.0	2.8	0.0	0.0	0.0	3.7	0.0	-2.0	0.0
	13	0.0	0.0	0.6	0.0	2.7	0.0	2.7	0.0	0.0	0.0	3.9	0.0	-2.3	0.0
	14	0.0	0.0	0.6	0.0	2.7	0.0	2.7	0.0	0.0	0.0	3.9	0.0	-2.3	0.0
	15	0.0	0.0	0.5	0.0	2.8	0.0	2.8	0.0	0.0	0.0	3.7	0.0	-2.0	0.0
	16	0.0	0.0	0.5	0.0	2.8	0.0	2.8	0.0	0.0	0.0	3.7	0.0	-2.0	0.0
	17	0.0	0.0	0.6	0.0	2.7	0.0	2.7	0.0	0.0	0.0	3.9	0.0	-2.4	0.0
	18	0.0	0.0	0.5	0.0	1.5	0.0	1.5	0.0	0.0	0.0	2.4	0.0	-1.8	0.0
	19	0.0	0.0	0.1	0.0	1.7	0.0	1.7	0.0	0.0	0.0	2.0	0.0	-0.7	0.0
	20	0.0	0.0	0.5	0.0	1.5	0.0	1.5	0.0	0.0	0.0	2.4	0.0	-1.9	0.0
	21	0.0	0.0	0.1	0.0	1.7	0.0	1.7	0.0	0.0	0.0	1.9	0.0	-0.6	0.0
	22	0.0	0.0	0.3	0.0	1.6	0.0	1.6	0.0	0.0	0.0	2.2	0.0	-1.3	0.0
	23	0.0	0.0	0.3	0.0	1.6	0.0	1.6	0.0	0.0	0.0	2.2	0.0	-1.2	0.0
	24	0.0	0.0	0.3	0.0	1.6	0.0	1.6	0.0	0.0	0.0	2.2	0.0	-1.2	0.0
	25	0.0	0.0	0.3	0.0	1.6	0.0	1.6	0.0	0.0	0.0	2.2	0.0	-1.3	0.0
7 (F'-G)	3	1	0.0	0.0	4.7	-0.2	-2.5	0.0	0.0	0.0	0.0	7.0	-0.2	-6.5	0.0
		2	0.0	0.0	4.4	-0.2	-2.7	0.0	0.0	0.0	0.0	6.4	-0.2	-6.4	0.0
		3	0.0	0.0	3.9	-0.2	-1.6	0.0	0.0	0.0	0.0	6.0	-0.2	-5.0	0.0
		4	0.0	0.0	4.4	-0.2	-2.7	0.0	0.0	0.0	0.0	6.4	-0.2	-6.4	0.0
		5	0.0	0.0	3.9	-0.2	-1.6	0.0	0.0	0.0	0.0	6.0	-0.2	-5.0	0.0
		6	0.0	0.0	4.4	-0.2	-2.8	0.0	0.0	0.0	0.0	6.4	-0.2	-6.5	0.0
		7	0.0	0.0	3.9	-0.2	-1.5	0.0	0.0	0.0	0.0	6.0	-0.2	-4.9	0.0
		8	0.0	0.0	4.4	-0.2	-2.8	0.0	0.0	0.0	0.0	6.4	-0.2	-6.5	0.0
		9	0.0	0.0	3.9	-0.2	-1.5	0.0	0.0	0.0	0.0	6.0	-0.2	-4.9	0.0
		10	0.0	0.0	4.2	-0.1	-2.3	0.0	0.0	0.0	0.0	6.3	-0.1	-5.9	0.0
		11	0.0	0.0	4.1	-0.2	-2.0	0.0	0.0	0.0	0.0	6.1	-0.2	-5.5	0.0
		12	0.0	0.0	4.1	-0.1	-2.0	0.0	0.0	0.0	0.0	6.1	-0.1	-5.5	0.0
		13	0.0	0.0	4.2	-0.2	-2.3	0.0	0.0	0.0	0.0	6.3	-0.2	-5.9	0.0
		14	0.0	0.0	4.2	-0.1	-2.3	0.0	0.0	0.0	0.0	6.2	-0.1	-5.9	0.0
		15	0.0	0.0	4.1	-0.2	-2.0	0.0	0.0	0.0	0.0	6.1	-0.2	-5.5	0.0
		16	0.0	0.0	4.1	-0.1	-2.0	0.0	0.0	0.0	0.0	6.1	-0.1	-5.4	0.0
		17	0.0	0.0	4.2	-0.2	-2.4	0.0	0.0	0.0	0.0	6.3	-0.2	-6.0	0.0
		18	0.0	0.0	2.7	-0.1	-1.8	0.0	0.0	0.0	0.0	3.8	-0.1	-4.0	0.0
		19	0.0	0.0	2.2	-0.1	-0.7	0.0	0.0	0.0	0.0	3.4	-0.1	-2.6	0.0
		20	0.0	0.0	2.7	-0.1	-1.9	0.0	0.0	0.0	0.0	3.8	-0.1	-4.1	0.0
		21	0.0	0.0	2.2	-0.1	-0.6	0.0	0.0	0.0	0.0	3.3	-0.1	-2.5	0.0
		22	0.0	0.0	2.4	-0.1	-1.3	0.0	0.0	0.0	0.0	3.6	-0.1	-3.3	0.0

			23	0.0	0.0	2.5	-0.2	-1.2	0.0	0.0	0.0	0.0	0.0	3.6	-0.2	-3.3	0.0
			24	0.0	0.0	2.4	-0.1	-1.2	0.0	0.0	0.0	0.0	0.0	3.6	-0.1	-3.3	0.0
			25	0.0	0.0	2.5	-0.2	-1.3	0.0	0.0	0.0	0.0	0.0	3.6	-0.2	-3.3	0.0
	7 (G-H)	3	1	0.0	0.0	-5.9	0.0	-4.0	0.0	1.6	.55	0.0	0.0	5.0	0.0	-2.3	0.0
			2	0.0	0.0	-4.3	0.0	-2.0	0.0	1.3	.45	0.0	0.0	5.1	0.0	-3.5	0.0
			3	0.0	0.0	-6.0	0.0	-4.9	0.0	1.6	.65	0.0	0.0	3.4	0.0	-0.5	0.0
			4	0.0	0.0	-4.3	0.0	-2.0	0.0	1.3	.45	0.0	0.0	5.1	0.0	-3.5	0.0
			5	0.0	0.0	-6.0	0.0	-4.9	0.0	1.6	.65	0.0	0.0	3.5	0.0	-0.5	0.0
			6	0.0	0.0	-4.2	0.0	-1.9	0.0	1.4	.45	0.0	0.0	5.2	0.0	-3.6	0.0
			7	0.0	0.0	-6.1	0.0	-5.0	0.0	1.7	.65	0.0	0.0	3.4	0.0	-0.4	0.0
			8	0.0	0.0	-4.2	0.0	-1.8	0.0	1.4	.45	0.0	0.0	5.2	0.0	-3.6	0.0
			9	0.0	0.0	-6.1	0.0	-5.0	0.0	1.7	.65	0.0	0.0	3.4	0.0	-0.4	0.0
			10	0.0	0.0	-4.9	0.0	-3.0	0.0	1.3	.5	0.0	0.0	4.6	0.0	-2.5	0.0
			11	0.0	0.0	-5.4	0.0	-3.9	0.0	1.4	.55	0.0	0.0	4.0	0.0	-1.5	0.0
			12	0.0	0.0	-5.4	0.0	-3.8	0.0	1.4	.55	0.0	0.0	4.1	0.0	-1.6	0.0
			13	0.0	0.0	-4.9	0.0	-3.0	0.0	1.3	.5	0.0	0.0	4.5	0.0	-2.4	0.0
			14	0.0	0.0	-4.9	0.0	-3.0	0.0	1.3	.5	0.0	0.0	4.5	0.0	-2.4	0.0
			15	0.0	0.0	-5.4	0.0	-3.9	0.0	1.4	.55	0.0	0.0	4.0	0.0	-1.6	0.0
			16	0.0	0.0	-5.4	0.0	-4.0	0.0	1.4	.6	0.0	0.0	4.0	0.0	-1.5	0.0
			17	0.0	0.0	-4.8	0.0	-2.9	0.0	1.3	.5	0.0	0.0	4.6	0.0	-2.5	0.0
			18	0.0	0.0	-2.0	0.0	-0.5	0.0	0.8	.4	0.0	0.0	3.2	0.0	-2.6	0.0
			19	0.0	0.0	-3.7	0.0	-3.4	0.0	1.1	.7	0.0	0.0	1.5	0.0	0.4	0.0
			20	0.0	0.0	-1.9	0.0	-0.3	0.0	0.9	.35	0.0	0.0	3.3	0.0	-2.7	0.0
			21	0.0	0.0	-3.8	0.0	-3.5	0.0	1.2	.7	0.0	0.0	1.4	0.0	0.5	0.0
			22	0.0	0.0	-2.8	0.0	-1.9	0.0	0.7	.55	0.0	0.0	2.4	0.0	-1.1	0.0
			23	0.0	0.0	-2.9	0.0	-2.0	0.0	0.8	.55	0.0	0.0	2.4	0.0	-1.1	0.0
			24	0.0	0.0	-2.9	0.0	-2.0	0.0	0.8	.55	0.0	0.0	2.4	0.0	-1.1	0.0
			25	0.0	0.0	-2.8	0.0	-1.9	0.0	0.7	.55	0.0	0.0	2.4	0.0	-1.2	0.0
	8 (B-C)	3	1	0.0	0.0	-4.6	0.0	-3.3	0.0	0.0	1.0	0.0	0.0	-0.3	0.0	0.0	0.0
			2	0.0	0.0	-3.9	0.0	-2.8	0.0	0.0	1.0	0.0	0.0	-0.3	0.0	0.0	0.0
			3	0.0	0.0	-4.1	0.0	-3.0	0.0	0.0	1.0	0.0	0.0	-0.4	0.0	0.0	0.0
			4	0.0	0.0	-3.9	0.0	-2.8	0.0	0.0	1.0	0.0	0.0	-0.3	0.0	0.0	0.0
			5	0.0	0.0	-4.1	0.0	-3.0	0.0	0.0	1.0	0.0	0.0	-0.4	0.0	0.0	0.0
			6	0.0	0.0	-3.9	0.0	-2.8	0.0	0.0	1.0	0.0	0.0	-0.3	0.0	0.0	0.0
			7	0.0	0.0	-4.1	0.0	-3.0	0.0	0.0	1.0	0.0	0.0	-0.4	0.0	0.0	0.0
			8	0.0	0.0	-3.9	0.0	-2.8	0.0	0.0	1.0	0.0	0.0	-0.3	0.0	0.0	0.0
			9	0.0	0.0	-4.1	0.0	-3.0	0.0	0.0	1.0	0.0	0.0	-0.4	0.0	0.0	0.0
			10	0.0	0.0	-4.0	0.0	-2.9	0.0	0.0	1.0	0.0	0.0	-0.3	0.0	0.0	0.0
			11	0.0	0.0	-4.0	0.0	-2.9	0.0	0.0	1.0	0.0	0.0	-0.4	0.0	0.0	0.0
			12	0.0	0.0	-4.0	0.0	-2.9	0.0	0.0	1.0	0.0	0.0	-0.3	0.0	0.0	0.0
			13	0.0	0.0	-4.0	0.0	-2.9	0.0	0.0	1.0	0.0	0.0	-0.3	0.0	0.0	0.0
			14	0.0	0.0	-4.0	0.0	-2.9	0.0	0.0	1.0	0.0	0.0	-0.3	0.0	0.0	0.0
			15	0.0	0.0	-4.0	0.0	-2.9	0.0	0.0	1.0	0.0	0.0	-0.4	0.0	0.0	0.0
			16	0.0	0.0	-4.0	0.0	-2.9	0.0	0.0	1.0	0.0	0.0	-0.3	0.0	0.0	0.0

		17	0.0	0.0	-4.0	0.0	-2.9	0.0	0.0	1.0	0.0	0.0	-0.3	0.0	0.0	0.0
		18	0.0	0.0	-2.2	0.0	-1.6	0.0	0.0	1.0	0.0	0.0	-0.2	0.0	0.0	0.0
		19	0.0	0.0	-2.4	0.0	-1.8	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	0.0	0.0
		20	0.0	0.0	-2.2	0.0	-1.6	0.0	0.0	1.0	0.0	0.0	-0.2	0.0	0.0	0.0
		21	0.0	0.0	-2.4	0.0	-1.8	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	0.0	0.0
		22	0.0	0.0	-2.3	0.0	-1.7	0.0	0.0	1.0	0.0	0.0	-0.2	0.0	0.0	0.0
		23	0.0	0.0	-2.3	0.0	-1.7	0.0	0.0	1.0	0.0	0.0	-0.3	0.0	0.0	0.0
		24	0.0	0.0	-2.3	0.0	-1.7	0.0	0.0	1.0	0.0	0.0	-0.2	0.0	0.0	0.0
		25	0.0	0.0	-2.3	0.0	-1.7	0.0	0.0	1.0	0.0	0.0	-0.3	0.0	0.0	0.0
8 (G-H)	3	1	0.0	0.0	-5.4	0.0	-2.6	0.0	2.0	.5	0.0	0.0	5.5	0.0	-2.8	0.0
		2	0.0	0.0	-3.7	0.0	-0.7	0.0	1.9	.4	0.0	0.0	5.7	0.0	-4.1	0.0
		3	0.0	0.0	-5.6	0.0	-3.9	0.0	1.8	.6	0.0	0.0	3.8	0.0	-0.8	0.0
		4	0.0	0.0	-3.7	0.0	-0.7	0.0	1.9	.4	0.0	0.0	5.7	0.0	-4.1	0.0
		5	0.0	0.0	-5.6	0.0	-3.9	0.0	1.8	.6	0.0	0.0	3.8	0.0	-0.8	0.0
		6	0.0	0.0	-3.7	0.0	-0.6	0.0	1.9	.4	0.0	0.0	5.7	0.0	-4.1	0.0
		7	0.0	0.0	-5.6	0.0	-3.9	0.0	1.8	.6	0.0	0.0	3.8	0.0	-0.8	0.0
		8	0.0	0.0	-3.7	0.0	-0.6	0.0	1.9	.4	0.0	0.0	5.7	0.0	-4.1	0.0
		9	0.0	0.0	-5.6	0.0	-4.0	0.0	1.8	.6	0.0	0.0	3.8	0.0	-0.8	0.0
		10	0.0	0.0	-4.4	0.0	-1.8	0.0	1.7	.45	0.0	0.0	5.0	0.0	-2.9	0.0
		11	0.0	0.0	-4.9	0.0	-2.8	0.0	1.7	.55	0.0	0.0	4.5	0.0	-2.0	0.0
		12	0.0	0.0	-4.9	0.0	-2.7	0.0	1.7	.5	0.0	0.0	4.5	0.0	-2.0	0.0
		13	0.0	0.0	-4.4	0.0	-1.8	0.0	1.7	.45	0.0	0.0	5.0	0.0	-2.9	0.0
		14	0.0	0.0	-4.4	0.0	-1.8	0.0	1.7	.45	0.0	0.0	5.0	0.0	-2.9	0.0
		15	0.0	0.0	-4.9	0.0	-2.8	0.0	1.7	.5	0.0	0.0	4.5	0.0	-2.0	0.0
		16	0.0	0.0	-5.0	0.0	-2.8	0.0	1.7	.55	0.0	0.0	4.5	0.0	-1.9	0.0
		17	0.0	0.0	-4.4	0.0	-1.7	0.0	1.7	.45	0.0	0.0	5.1	0.0	-3.0	0.0
		18	0.0	0.0	-1.6	0.0	0.3	0.0	1.2	.3	0.0	0.0	3.6	0.0	-3.0	0.0
		19	0.0	0.0	-3.5	0.0	-2.9	0.0	1.2	.65	0.0	0.0	1.7	0.0	0.2	0.0
		20	0.0	0.0	-1.6	0.0	0.4	0.0	1.3	.3	0.0	0.0	3.6	0.0	-3.0	0.0
		21	0.0	0.0	-3.5	0.0	-2.9	0.0	1.2	.7	0.0	0.0	1.7	0.0	0.3	0.0
		22	0.0	0.0	-2.6	0.0	-1.2	0.0	0.9	.5	0.0	0.0	2.6	0.0	-1.4	0.0
		23	0.0	0.0	-2.6	0.0	-1.3	0.0	0.9	.5	0.0	0.0	2.6	0.0	-1.4	0.0
		24	0.0	0.0	-2.6	0.0	-1.3	0.0	0.9	.5	0.0	0.0	2.6	0.0	-1.3	0.0
		25	0.0	0.0	-2.6	0.0	-1.2	0.0	0.9	.5	0.0	0.0	2.7	0.0	-1.4	0.0
9 (B-C)	3	1	0.0	0.0	-5.3	0.0	-3.8	0.0	0.0	1.0	0.0	0.0	-0.5	0.0	0.0	0.0
		2	0.0	0.0	-4.6	0.0	-3.4	0.0	0.0	1.0	0.0	0.0	-0.5	0.0	0.0	0.0
		3	0.0	0.0	-4.6	0.0	-3.4	0.0	0.0	1.0	0.0	0.0	-0.4	0.0	0.0	0.0
		4	0.0	0.0	-4.6	0.0	-3.4	0.0	0.0	1.0	0.0	0.0	-0.5	0.0	0.0	0.0
		5	0.0	0.0	-4.6	0.0	-3.4	0.0	0.0	1.0	0.0	0.0	-0.4	0.0	0.0	0.0
		6	0.0	0.0	-4.6	0.0	-3.4	0.0	0.0	1.0	0.0	0.0	-0.5	0.0	0.0	0.0
		7	0.0	0.0	-4.6	0.0	-3.3	0.0	0.0	1.0	0.0	0.0	-0.4	0.0	0.0	0.0
		8	0.0	0.0	-4.6	0.0	-3.4	0.0	0.0	1.0	0.0	0.0	-0.5	0.0	0.0	0.0
		9	0.0	0.0	-4.6	0.0	-3.3	0.0	0.0	1.0	0.0	0.0	-0.4	0.0	0.0	0.0
		10	0.0	0.0	-4.6	0.0	-3.4	0.0	0.0	1.0	0.0	0.0	-0.5	0.0	0.0	0.0

		11	0.0	0.0	-4.6	0.0	-3.4	0.0	0.0	1.0	0.0	0.0	-0.4	0.0	0.0	0.0	
		12	0.0	0.0	-4.6	0.0	-3.4	0.0	0.0	1.0	0.0	0.0	-0.4	0.0	0.0	0.0	
		13	0.0	0.0	-4.6	0.0	-3.4	0.0	0.0	1.0	0.0	0.0	-0.5	0.0	0.0	0.0	
		14	0.0	0.0	-4.6	0.0	-3.4	0.0	0.0	1.0	0.0	0.0	-0.5	0.0	0.0	0.0	
		15	0.0	0.0	-4.6	0.0	-3.4	0.0	0.0	1.0	0.0	0.0	-0.4	0.0	0.0	0.0	
		16	0.0	0.0	-4.6	0.0	-3.4	0.0	0.0	1.0	0.0	0.0	-0.4	0.0	0.0	0.0	
		17	0.0	0.0	-4.6	0.0	-3.4	0.0	0.0	1.0	0.0	0.0	-0.5	0.0	0.0	0.0	
		18	0.0	0.0	-2.7	0.0	-2.0	0.0	0.0	1.0	0.0	0.0	-0.4	0.0	0.0	0.0	
		19	0.0	0.0	-2.6	0.0	-2.0	0.0	0.0	1.0	0.0	0.0	-0.3	0.0	0.0	0.0	
		20	0.0	0.0	-2.7	0.0	-2.0	0.0	0.0	1.0	0.0	0.0	-0.4	0.0	0.0	0.0	
		21	0.0	0.0	-2.6	0.0	-1.9	0.0	0.0	1.0	0.0	0.0	-0.3	0.0	0.0	0.0	
		22	0.0	0.0	-2.6	0.0	-2.0	0.0	0.0	1.0	0.0	0.0	-0.3	0.0	0.0	0.0	
		23	0.0	0.0	-2.6	0.0	-2.0	0.0	0.0	1.0	0.0	0.0	-0.3	0.0	0.0	0.0	
		24	0.0	0.0	-2.6	0.0	-2.0	0.0	0.0	1.0	0.0	0.0	-0.3	0.0	0.0	0.0	
		25	0.0	0.0	-2.6	0.0	-2.0	0.0	0.0	1.0	0.0	0.0	-0.3	0.0	0.0	0.0	
	9 (G-H)	3	1	0.0	0.0	-6.2	0.0	-3.0	0.0	2.3	.5	0.0	0.0	6.2	0.0	-3.1	0.0
			2	0.0	0.0	-4.3	0.0	-0.9	0.0	2.1	.4	0.0	0.0	6.3	0.0	-4.4	0.0
			3	0.0	0.0	-6.3	0.0	-4.3	0.0	2.1	.6	0.0	0.0	4.4	0.0	-1.0	0.0
			4	0.0	0.0	-4.3	0.0	-0.9	0.0	2.1	.4	0.0	0.0	6.3	0.0	-4.4	0.0
			5	0.0	0.0	-6.3	0.0	-4.3	0.0	2.1	.6	0.0	0.0	4.4	0.0	-1.0	0.0
			6	0.0	0.0	-4.3	0.0	-0.9	0.0	2.1	.4	0.0	0.0	6.3	0.0	-4.3	0.0
			7	0.0	0.0	-6.3	0.0	-4.3	0.0	2.1	.6	0.0	0.0	4.4	0.0	-1.0	0.0
			8	0.0	0.0	-4.3	0.0	-0.9	0.0	2.1	.4	0.0	0.0	6.3	0.0	-4.3	0.0
			9	0.0	0.0	-6.3	0.0	-4.3	0.0	2.1	.6	0.0	0.0	4.4	0.0	-1.0	0.0
			10	0.0	0.0	-5.0	0.0	-2.1	0.0	2.0	.45	0.0	0.0	5.6	0.0	-3.2	0.0
			11	0.0	0.0	-5.6	0.0	-3.1	0.0	2.0	.55	0.0	0.0	5.1	0.0	-2.2	0.0
			12	0.0	0.0	-5.6	0.0	-3.1	0.0	2.0	.55	0.0	0.0	5.0	0.0	-2.1	0.0
			13	0.0	0.0	-5.0	0.0	-2.1	0.0	2.0	.45	0.0	0.0	5.7	0.0	-3.2	0.0
			14	0.0	0.0	-5.0	0.0	-2.1	0.0	2.0	.45	0.0	0.0	5.6	0.0	-3.2	0.0
			15	0.0	0.0	-5.6	0.0	-3.1	0.0	2.0	.55	0.0	0.0	5.1	0.0	-2.2	0.0
			16	0.0	0.0	-5.6	0.0	-3.1	0.0	2.0	.55	0.0	0.0	5.1	0.0	-2.2	0.0
			17	0.0	0.0	-5.0	0.0	-2.1	0.0	2.0	.45	0.0	0.0	5.6	0.0	-3.2	0.0
			18	0.0	0.0	-1.9	0.0	0.3	0.0	1.4	.35	0.0	0.0	3.9	0.0	-3.2	0.0
			19	0.0	0.0	-3.9	0.0	-3.1	0.0	1.4	.65	0.0	0.0	2.0	0.0	0.2	0.0
			20	0.0	0.0	-2.0	0.0	0.2	0.0	1.4	.35	0.0	0.0	3.9	0.0	-3.1	0.0
			21	0.0	0.0	-3.9	0.0	-3.1	0.0	1.3	.65	0.0	0.0	2.0	0.0	0.2	0.0
			22	0.0	0.0	-2.9	0.0	-1.5	0.0	1.1	.5	0.0	0.0	2.9	0.0	-1.5	0.0
			23	0.0	0.0	-2.9	0.0	-1.4	0.0	1.1	.5	0.0	0.0	3.0	0.0	-1.5	0.0
			24	0.0	0.0	-2.9	0.0	-1.4	0.0	1.1	.5	0.0	0.0	2.9	0.0	-1.5	0.0
			25	0.0	0.0	-2.9	0.0	-1.4	0.0	1.1	.5	0.0	0.0	3.0	0.0	-1.5	0.0
	10 (B-C)	3	1	0.0	0.0	-5.1	0.0	-3.6	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	0.0	0.0
			2	0.0	0.0	-4.5	0.0	-3.2	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	0.0	0.0
			3	0.0	0.0	-4.5	0.0	-3.2	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	0.0	0.0
			4	0.0	0.0	-4.5	0.0	-3.2	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	0.0	0.0



5	0.0	0.0	-4.5	0.0	-3.2	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	0.0	0.0
6	0.0	0.0	-4.5	0.0	-3.2	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	0.0	0.0
7	0.0	0.0	-4.5	0.0	-3.2	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	0.0	0.0
8	0.0	0.0	-4.5	0.0	-3.2	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	0.0	0.0
9	0.0	0.0	-4.5	0.0	-3.2	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	0.0	0.0
10	0.0	0.0	-4.5	0.0	-3.2	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	0.0	0.0
11	0.0	0.0	-4.5	0.0	-3.2	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	0.0	0.0
12	0.0	0.0	-4.5	0.0	-3.2	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	0.0	0.0
13	0.0	0.0	-4.5	0.0	-3.2	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	0.0	0.0
14	0.0	0.0	-4.5	0.0	-3.2	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	0.0	0.0
15	0.0	0.0	-4.5	0.0	-3.2	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	0.0	0.0
16	0.0	0.0	-4.5	0.0	-3.2	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	0.0	0.0
17	0.0	0.0	-4.5	0.0	-3.2	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	0.0	0.0
18	0.0	0.0	-2.6	0.0	-1.9	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	0.0	0.0
19	0.0	0.0	-2.6	0.0	-1.9	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	0.0	0.0
20	0.0	0.0	-2.6	0.0	-1.9	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	0.0	0.0
21	0.0	0.0	-2.6	0.0	-1.9	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	0.0	0.0
22	0.0	0.0	-2.6	0.0	-1.9	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	0.0	0.0
23	0.0	0.0	-2.6	0.0	-1.9	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	0.0	0.0
24	0.0	0.0	-2.6	0.0	-1.9	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	0.0	0.0
25	0.0	0.0	-2.6	0.0	-1.9	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	0.0	0.0

10 (G-H)

3

1	0.0	0.0	-6.2	0.0	-3.1	0.0	2.3	.5	0.0	0.0	6.1	0.0	-2.9	0.0
2	0.0	0.0	-4.3	0.0	-0.9	0.0	2.1	.4	0.0	0.0	6.3	0.0	-4.3	0.0
3	0.0	0.0	-6.4	0.0	-4.5	0.0	2.2	.6	0.0	0.0	4.2	0.0	-0.7	0.0
4	0.0	0.0	-4.3	0.0	-0.8	0.0	2.2	.4	0.0	0.0	6.4	0.0	-4.4	0.0
5	0.0	0.0	-6.4	0.0	-4.5	0.0	2.2	.6	0.0	0.0	4.2	0.0	-0.7	0.0
6	0.0	0.0	-4.4	0.0	-1.0	0.0	2.1	.4	0.0	0.0	6.3	0.0	-4.2	0.0
7	0.0	0.0	-6.3	0.0	-4.3	0.0	2.1	.6	0.0	0.0	4.3	0.0	-0.9	0.0
8	0.0	0.0	-4.4	0.0	-1.0	0.0	2.1	.4	0.0	0.0	6.3	0.0	-4.2	0.0
9	0.0	0.0	-6.3	0.0	-4.3	0.0	2.1	.6	0.0	0.0	4.3	0.0	-0.9	0.0
10	0.0	0.0	-5.1	0.0	-2.2	0.0	2.0	.5	0.0	0.0	5.6	0.0	-3.0	0.0
11	0.0	0.0	-5.7	0.0	-3.2	0.0	2.0	.55	0.0	0.0	5.0	0.0	-2.0	0.0
12	0.0	0.0	-5.7	0.0	-3.3	0.0	2.0	.55	0.0	0.0	4.9	0.0	-1.9	0.0
13	0.0	0.0	-5.0	0.0	-2.1	0.0	2.0	.45	0.0	0.0	5.6	0.0	-3.1	0.0
14	0.0	0.0	-5.1	0.0	-2.2	0.0	2.0	.5	0.0	0.0	5.6	0.0	-3.1	0.0
15	0.0	0.0	-5.7	0.0	-3.2	0.0	2.0	.55	0.0	0.0	5.0	0.0	-2.0	0.0
16	0.0	0.0	-5.6	0.0	-3.1	0.0	2.0	.55	0.0	0.0	5.0	0.0	-2.1	0.0
17	0.0	0.0	-5.1	0.0	-2.2	0.0	2.0	.5	0.0	0.0	5.6	0.0	-3.0	0.0
18	0.0	0.0	-1.9	0.0	0.3	0.0	1.4	.3	0.0	0.0	4.0	0.0	-3.2	0.0
19	0.0	0.0	-4.0	0.0	-3.3	0.0	1.4	.7	0.0	0.0	1.9	0.0	0.4	0.0
20	0.0	0.0	-2.0	0.0	0.2	0.0	1.4	.35	0.0	0.0	3.9	0.0	-3.1	0.0
21	0.0	0.0	-3.9	0.0	-3.1	0.0	1.4	.65	0.0	0.0	2.0	0.0	0.3	0.0
22	0.0	0.0	-3.0	0.0	-1.5	0.0	1.1	.5	0.0	0.0	2.9	0.0	-1.3	0.0
23	0.0	0.0	-2.9	0.0	-1.4	0.0	1.1	.5	0.0	0.0	2.9	0.0	-1.4	0.0
24	0.0	0.0	-3.0	0.0	-1.5	0.0	1.1	.5	0.0	0.0	2.9	0.0	-1.4	0.0

		25	0.0	0.0	-3.0	0.0	-1.5	0.0	1.1	.5	0.0	0.0	2.9	0.0	-1.4	0.0
11 (B-C)	3	1	0.0	0.0	-4.9	-0.1	-3.7	0.0	0.0	0.0	0.0	0.0	-0.7	-0.1	0.0	0.0
		2	0.0	0.0	-4.3	-0.1	-3.3	0.0	0.0	0.0	0.0	0.0	-0.6	-0.1	0.0	0.0
		3	0.0	0.0	-4.3	-0.1	-3.3	0.0	0.0	0.0	0.0	0.0	-0.6	-0.1	0.0	0.0
		4	0.0	0.0	-4.3	0.0	-3.3	0.0	0.0	0.0	0.0	0.0	-0.6	0.0	0.0	0.0
		5	0.0	0.0	-4.3	-0.1	-3.3	0.0	0.0	0.0	0.0	0.0	-0.6	-0.1	0.0	0.0
		6	0.0	0.0	-4.3	-0.1	-3.3	0.0	0.0	0.0	0.0	0.0	-0.6	-0.1	0.0	0.0
		7	0.0	0.0	-4.3	0.0	-3.3	0.0	0.0	0.0	0.0	0.0	-0.6	0.0	0.0	0.0
		8	0.0	0.0	-4.3	0.0	-3.3	0.0	0.0	0.0	0.0	0.0	-0.6	0.0	0.0	0.0
		9	0.0	0.0	-4.3	-0.1	-3.3	0.0	0.0	0.0	0.0	0.0	-0.6	-0.1	0.0	0.0
		10	0.0	0.0	-4.3	-0.1	-3.3	0.0	0.0	0.0	0.0	0.0	-0.6	-0.1	0.0	0.0
		11	0.0	0.0	-4.3	0.0	-3.3	0.0	0.0	0.0	0.0	0.0	-0.6	0.0	0.0	0.0
		12	0.0	0.0	-4.3	-0.1	-3.3	0.0	0.0	0.0	0.0	0.0	-0.6	-0.1	0.0	0.0
		13	0.0	0.0	-4.3	0.0	-3.3	0.0	0.0	0.0	0.0	0.0	-0.6	0.0	0.0	0.0
		14	0.0	0.0	-4.3	-0.1	-3.3	0.0	0.0	0.0	0.0	0.0	-0.6	-0.1	0.0	0.0
		15	0.0	0.0	-4.3	0.0	-3.3	0.0	0.0	0.0	0.0	0.0	-0.6	0.0	0.0	0.0
		16	0.0	0.0	-4.3	-0.1	-3.3	0.0	0.0	0.0	0.0	0.0	-0.6	-0.1	0.0	0.0
		17	0.0	0.0	-4.3	0.0	-3.3	0.0	0.0	0.0	0.0	0.0	-0.6	0.0	0.0	0.0
		18	0.0	0.0	-2.5	0.0	-1.9	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	0.0	0.0
		19	0.0	0.0	-2.4	0.0	-1.9	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	0.0	0.0
		20	0.0	0.0	-2.5	0.0	-1.9	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	0.0	0.0
		21	0.0	0.0	-2.4	0.0	-1.9	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	0.0	0.0
		22	0.0	0.0	-2.5	-0.1	-1.9	0.0	0.0	0.0	0.0	0.0	-0.4	-0.1	0.0	0.0
		23	0.0	0.0	-2.4	0.0	-1.9	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	0.0	0.0
		24	0.0	0.0	-2.5	-0.1	-1.9	0.0	0.0	0.0	0.0	0.0	-0.4	-0.1	0.0	0.0
		25	0.0	0.0	-2.4	0.0	-1.9	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	0.0	0.0
11 (G-H)	3	1	0.0	0.0	-5.5	0.0	-2.7	0.0	2.0	.5	0.0	0.0	5.4	0.0	-2.6	0.0
		2	0.0	0.0	-3.7	0.0	-0.5	0.0	1.9	.4	0.0	0.0	5.8	0.0	-4.1	0.0
		3	0.0	0.0	-5.8	0.0	-4.3	0.0	2.0	.6	0.0	0.0	3.6	0.0	-0.3	0.0
		4	0.0	0.0	-3.6	0.0	-0.4	0.0	2.0	.4	0.0	0.0	5.8	0.0	-4.2	0.0
		5	0.0	0.0	-5.9	0.0	-4.3	0.0	2.0	.6	0.0	0.0	3.5	0.0	-0.3	0.0
		6	0.0	0.0	-3.8	0.0	-0.7	0.0	1.9	.4	0.0	0.0	5.6	0.0	-3.9	0.0
		7	0.0	0.0	-5.7	0.0	-4.0	0.0	1.9	.6	0.0	0.0	3.7	0.0	-0.6	0.0
		8	0.0	0.0	-3.8	0.0	-0.7	0.0	1.9	.4	0.0	0.0	5.6	0.0	-3.9	0.0
		9	0.0	0.0	-5.7	0.0	-4.0	0.0	1.9	.6	0.0	0.0	3.7	0.0	-0.6	0.0
		10	0.0	0.0	-4.5	0.0	-1.9	0.0	1.7	.45	0.0	0.0	5.0	0.0	-2.7	0.0
		11	0.0	0.0	-5.0	0.0	-2.9	0.0	1.8	.55	0.0	0.0	4.4	0.0	-1.7	0.0
		12	0.0	0.0	-5.1	0.0	-3.0	0.0	1.8	.55	0.0	0.0	4.3	0.0	-1.6	0.0
		13	0.0	0.0	-4.4	0.0	-1.7	0.0	1.8	.45	0.0	0.0	5.0	0.0	-2.9	0.0
		14	0.0	0.0	-4.4	0.0	-1.8	0.0	1.7	.45	0.0	0.0	5.0	0.0	-2.8	0.0
		15	0.0	0.0	-5.1	0.0	-2.9	0.0	1.8	.55	0.0	0.0	4.4	0.0	-1.7	0.0
		16	0.0	0.0	-5.0	0.0	-2.8	0.0	1.8	.55	0.0	0.0	4.4	0.0	-1.8	0.0
		17	0.0	0.0	-4.5	0.0	-1.9	0.0	1.7	.5	0.0	0.0	4.9	0.0	-2.7	0.0
		18	0.0	0.0	-1.5	0.0	0.6	0.0	1.4	.3	0.0	0.0	3.7	0.0	-3.1	0.0

19	0.0	0.0	-3.7	0.0	-3.2	0.0	1.4	.7	0.0	0.0	1.5	0.0	0.7	0.0
20	0.0	0.0	-1.7	0.0	0.3	0.0	1.3	.3	0.0	0.0	3.5	0.0	-2.9	0.0
21	0.0	0.0	-3.6	0.0	-3.0	0.0	1.3	.7	0.0	0.0	1.6	0.0	0.4	0.0
22	0.0	0.0	-2.7	0.0	-1.4	0.0	1.0	.5	0.0	0.0	2.5	0.0	-1.2	0.0
23	0.0	0.0	-2.6	0.0	-1.2	0.0	1.0	.5	0.0	0.0	2.6	0.0	-1.3	0.0
24	0.0	0.0	-2.6	0.0	-1.3	0.0	1.0	.5	0.0	0.0	2.6	0.0	-1.3	0.0
25	0.0	0.0	-2.7	0.0	-1.4	0.0	1.0	.5	0.0	0.0	2.6	0.0	-1.2	0.0

12 (B-C)	3	1	0.0	0.0	-11.0	-0.1	-13.7	0.0	0.0	0.0	0.0	0.0	-7.6	-0.1	-1.3	0.0
		2	0.0	0.0	-9.3	-0.1	-10.9	0.0	0.0	0.0	0.0	0.0	-6.3	-0.1	-0.5	0.0
		3	0.0	0.0	-9.8	-0.2	-13.0	0.0	0.0	0.0	0.0	0.0	-6.9	-0.2	-1.8	0.0
		4	0.0	0.0	-9.2	-0.1	-10.8	0.0	0.0	0.0	0.0	0.0	-6.3	-0.1	-0.4	0.0
		5	0.0	0.0	-9.9	-0.2	-13.1	0.0	0.0	0.0	0.0	0.0	-6.9	-0.2	-1.9	0.0
		6	0.0	0.0	-9.3	-0.1	-11.1	0.0	0.0	0.0	0.0	0.0	-6.4	-0.1	-0.6	0.0
		7	0.0	0.0	-9.8	-0.2	-12.8	0.0	0.0	0.0	0.0	0.0	-6.9	-0.2	-1.7	0.0
		8	0.0	0.0	-9.3	-0.1	-11.0	0.0	0.0	0.0	0.0	0.0	-6.4	-0.1	-0.5	0.0
		9	0.0	0.0	-9.8	-0.2	-12.9	0.0	0.0	0.0	0.0	0.0	-6.9	-0.2	-1.7	0.0
		10	0.0	0.0	-9.5	-0.1	-11.8	0.0	0.0	0.0	0.0	0.0	-6.6	-0.1	-1.0	0.0
		11	0.0	0.0	-9.6	-0.1	-12.1	0.0	0.0	0.0	0.0	0.0	-6.7	-0.1	-1.2	0.0
		12	0.0	0.0	-9.7	-0.2	-12.5	0.0	0.0	0.0	0.0	0.0	-6.8	-0.2	-1.5	0.0
		13	0.0	0.0	-9.4	-0.1	-11.4	0.0	0.0	0.0	0.0	0.0	-6.5	-0.1	-0.8	0.0
		14	0.0	0.0	-9.5	-0.1	-11.8	0.0	0.0	0.0	0.0	0.0	-6.6	-0.1	-1.0	0.0
		15	0.0	0.0	-9.6	-0.1	-12.2	0.0	0.0	0.0	0.0	0.0	-6.7	-0.1	-1.2	0.0
		16	0.0	0.0	-9.6	-0.2	-12.3	0.0	0.0	0.0	0.0	0.0	-6.7	-0.2	-1.4	0.0
		17	0.0	0.0	-9.5	-0.1	-11.6	0.0	0.0	0.0	0.0	0.0	-6.5	-0.1	-0.9	0.0
		18	0.0	0.0	-5.1	0.0	-5.7	0.0	0.1	1.0	0.0	0.0	-3.5	0.0	0.1	0.0
		19	0.0	0.0	-5.7	-0.1	-7.9	0.0	0.0	0.0	0.0	0.0	-4.1	-0.1	-1.3	0.0
		20	0.0	0.0	-5.2	0.0	-5.9	0.0	0.0	0.0	0.0	0.0	-3.5	0.0	0.0	0.0
		21	0.0	0.0	-5.7	-0.1	-7.7	0.0	0.0	0.0	0.0	0.0	-4.0	-0.1	-1.2	0.0
		22	0.0	0.0	-5.5	-0.1	-7.0	0.0	0.0	0.0	0.0	0.0	-3.8	-0.1	-0.7	0.0
		23	0.0	0.0	-5.4	0.0	-6.6	0.0	0.0	0.0	0.0	0.0	-3.7	0.0	-0.5	0.0
		24	0.0	0.0	-5.4	-0.1	-6.8	0.0	0.0	0.0	0.0	0.0	-3.8	-0.1	-0.7	0.0
		25	0.0	0.0	-5.4	0.0	-6.7	0.0	0.0	0.0	0.0	0.0	-3.8	0.0	-0.5	0.0

12 (C-D)	3	1	0.0	0.0	-7.1	0.2	-1.3	0.0	8.6	1.0	0.0	0.0	-1.5	0.2	8.6	0.0
		2	0.0	0.0	-6.1	0.2	-0.5	0.0	7.9	1.0	0.0	0.0	-1.2	0.2	7.9	0.0
		3	0.0	0.0	-6.3	0.2	-1.8	0.0	7.2	1.0	0.0	0.0	-1.5	0.2	7.2	0.0
		4	0.0	0.0	-6.0	0.2	-0.4	0.0	7.9	1.0	0.0	0.0	-1.2	0.2	7.9	0.0
		5	0.0	0.0	-6.4	0.2	-1.9	0.0	7.2	1.0	0.0	0.0	-1.5	0.2	7.2	0.0
		6	0.0	0.0	-6.1	0.2	-0.6	0.0	7.8	1.0	0.0	0.0	-1.2	0.2	7.8	0.0
		7	0.0	0.0	-6.3	0.2	-1.7	0.0	7.2	1.0	0.0	0.0	-1.4	0.2	7.2	0.0
		8	0.0	0.0	-6.1	0.2	-0.6	0.0	7.8	1.0	0.0	0.0	-1.2	0.2	7.8	0.0
		9	0.0	0.0	-6.4	0.2	-1.7	0.0	7.3	1.0	0.0	0.0	-1.5	0.2	7.3	0.0
		10	0.0	0.0	-6.2	0.2	-1.1	0.0	7.7	1.0	0.0	0.0	-1.4	0.2	7.7	0.0
		11	0.0	0.0	-6.2	0.2	-1.2	0.0	7.4	1.0	0.0	0.0	-1.3	0.2	7.4	0.0
		12	0.0	0.0	-6.3	0.2	-1.5	0.0	7.5	1.0	0.0	0.0	-1.4	0.2	7.5	0.0

				13	0.0	0.0	-6.1	0.2	-0.8	0.0	7.6	1.0	0.0	0.0	-1.2	0.2	7.6	0.0
				14	0.0	0.0	-6.2	0.2	-1.0	0.0	7.7	1.0	0.0	0.0	-1.3	0.2	7.7	0.0
				15	0.0	0.0	-6.2	0.2	-1.3	0.0	7.4	1.0	0.0	0.0	-1.3	0.2	7.4	0.0
				16	0.0	0.0	-6.3	0.2	-1.4	0.0	7.5	1.0	0.0	0.0	-1.4	0.2	7.5	0.0
				17	0.0	0.0	-6.1	0.2	-0.9	0.0	7.5	1.0	0.0	0.0	-1.2	0.2	7.5	0.0
				18	0.0	0.0	-3.3	0.1	0.1	0.0	4.6	1.0	0.0	0.0	-0.6	0.1	4.6	0.0
				19	0.0	0.0	-3.6	0.1	-1.3	0.0	3.9	1.0	0.0	0.0	-0.9	0.1	3.9	0.0
				20	0.0	0.0	-3.4	0.1	0.0	0.0	4.5	1.0	0.0	0.0	-0.6	0.1	4.5	0.0
				21	0.0	0.0	-3.6	0.1	-1.2	0.0	4.0	1.0	0.0	0.0	-0.9	0.1	4.0	0.0
				22	0.0	0.0	-3.6	0.1	-0.7	0.0	4.3	1.0	0.0	0.0	-0.8	0.1	4.3	0.0
				23	0.0	0.0	-3.4	0.1	-0.5	0.0	4.2	1.0	0.0	0.0	-0.7	0.1	4.2	0.0
				24	0.0	0.0	-3.5	0.1	-0.7	0.0	4.3	1.0	0.0	0.0	-0.8	0.1	4.3	0.0
				25	0.0	0.0	-3.4	0.1	-0.6	0.0	4.2	1.0	0.0	0.0	-0.7	0.1	4.2	0.0
12 (D-D')	3	1	0.0	0.0	-1.5	0.2	8.6	0.0	9.1	.55	0.0	0.0	0.0	1.4	0.2	8.7	0.0	
		2	0.0	0.0	-1.2	0.2	7.9	0.0	8.2	.45	0.0	0.0	0.0	1.3	0.2	7.8	0.0	
		3	0.0	0.0	-1.5	0.2	7.2	0.0	7.7	.6	0.0	0.0	0.0	1.1	0.2	7.4	0.0	
		4	0.0	0.0	-1.2	0.2	7.9	0.0	8.2	.45	0.0	0.0	0.0	1.4	0.2	7.7	0.0	
		5	0.0	0.0	-1.5	0.2	7.2	0.0	7.7	.6	0.0	0.0	0.0	1.0	0.2	7.5	0.0	
		6	0.0	0.0	-1.2	0.2	7.8	0.0	8.2	.5	0.0	0.0	0.0	1.3	0.2	7.8	0.0	
		7	0.0	0.0	-1.4	0.2	7.2	0.0	7.7	.55	0.0	0.0	0.0	1.1	0.2	7.4	0.0	
		8	0.0	0.0	-1.2	0.2	7.8	0.0	8.1	.45	0.0	0.0	0.0	1.3	0.2	7.7	0.0	
		9	0.0	0.0	-1.5	0.2	7.3	0.0	7.8	.6	0.0	0.0	0.0	1.1	0.2	7.5	0.0	
		10	0.0	0.0	-1.4	0.2	7.7	0.0	8.1	.55	0.0	0.0	0.0	1.2	0.2	7.8	0.0	
		11	0.0	0.0	-1.3	0.2	7.4	0.0	7.8	.5	0.0	0.0	0.0	1.2	0.2	7.4	0.0	
		12	0.0	0.0	-1.4	0.2	7.5	0.0	8.0	.55	0.0	0.0	0.0	1.1	0.2	7.7	0.0	
		13	0.0	0.0	-1.2	0.2	7.6	0.0	7.9	.5	0.0	0.0	0.0	1.3	0.2	7.5	0.0	
		14	0.0	0.0	-1.3	0.2	7.7	0.0	8.1	.55	0.0	0.0	0.0	1.2	0.2	7.8	0.0	
		15	0.0	0.0	-1.3	0.2	7.4	0.0	7.8	.5	0.0	0.0	0.0	1.2	0.2	7.4	0.0	
		16	0.0	0.0	-1.4	0.2	7.5	0.0	8.0	.55	0.0	0.0	0.0	1.1	0.2	7.7	0.0	
		17	0.0	0.0	-1.2	0.2	7.5	0.0	7.9	.5	0.0	0.0	0.0	1.3	0.2	7.5	0.0	
		18	0.0	0.0	-0.6	0.1	4.6	0.0	4.7	.4	0.0	0.0	0.0	0.8	0.1	4.4	0.0	
		19	0.0	0.0	-0.9	0.1	3.9	0.0	4.2	.65	0.0	0.0	0.0	0.5	0.1	4.1	0.0	
		20	0.0	0.0	-0.6	0.1	4.5	0.0	4.7	.45	0.0	0.0	0.0	0.8	0.1	4.4	0.0	
		21	0.0	0.0	-0.9	0.1	4.0	0.0	4.3	.6	0.0	0.0	0.0	0.6	0.1	4.1	0.0	
		22	0.0	0.0	-0.8	0.1	4.3	0.0	4.6	.55	0.0	0.0	0.0	0.6	0.1	4.4	0.0	
		23	0.0	0.0	-0.7	0.1	4.2	0.0	4.4	.45	0.0	0.0	0.0	0.8	0.1	4.2	0.0	
		24	0.0	0.0	-0.8	0.1	4.3	0.0	4.6	.55	0.0	0.0	0.0	0.6	0.1	4.4	0.0	
		25	0.0	0.0	-0.7	0.1	4.2	0.0	4.4	.5	0.0	0.0	0.0	0.7	0.1	4.1	0.0	
12 (D'-E)	3	1	0.0	0.0	1.4	0.2	8.7	0.0	8.7	0.0	0.0	0.0	0.0	7.0	0.2	-1.0	0.0	
		2	0.0	0.0	1.3	0.2	7.8	0.0	7.8	0.0	0.0	0.0	0.0	6.3	0.2	-1.0	0.0	
		3	0.0	0.0	1.1	0.2	7.4	0.0	7.4	0.0	0.0	0.0	0.0	6.0	0.2	-0.8	0.0	
		4	0.0	0.0	1.4	0.2	7.7	0.0	7.7	0.0	0.0	0.0	0.0	6.3	0.2	-1.2	0.0	
		5	0.0	0.0	1.0	0.2	7.5	0.0	7.5	0.0	0.0	0.0	0.0	5.9	0.2	-0.6	0.0	
		6	0.0	0.0	1.3	0.2	7.8	0.0	7.8	0.0	0.0	0.0	0.0	6.2	0.2	-1.0	0.0	

				7	0.0	0.0	1.1	0.2	7.4	0.0	7.4	0.0	0.0	0.0	6.0	0.2	-0.8	0.0
				8	0.0	0.0	1.3	0.2	7.7	0.0	7.7	0.0	0.0	0.0	6.3	0.2	-1.1	0.0
				9	0.0	0.0	1.1	0.2	7.5	0.0	7.5	0.0	0.0	0.0	6.0	0.2	-0.7	0.0
				10	0.0	0.0	1.2	0.2	7.8	0.0	7.8	0.0	0.0	0.0	6.1	0.2	-0.7	0.0
				11	0.0	0.0	1.2	0.2	7.4	0.0	7.4	0.0	0.0	0.0	6.1	0.2	-1.1	0.0
				12	0.0	0.0	1.1	0.2	7.7	0.0	7.7	0.0	0.0	0.0	6.0	0.2	-0.5	0.0
				13	0.0	0.0	1.3	0.2	7.5	0.0	7.5	0.0	0.0	0.0	6.2	0.2	-1.2	0.0
				14	0.0	0.0	1.2	0.2	7.8	0.0	7.8	0.0	0.0	0.0	6.1	0.2	-0.7	0.0
				15	0.0	0.0	1.2	0.2	7.4	0.0	7.4	0.0	0.0	0.0	6.1	0.2	-1.1	0.0
				16	0.0	0.0	1.1	0.2	7.7	0.0	7.7	0.0	0.0	0.0	6.0	0.2	-0.6	0.0
				17	0.0	0.0	1.3	0.2	7.5	0.0	7.5	0.0	0.0	0.0	6.2	0.2	-1.2	0.0
				18	0.0	0.0	0.8	0.1	4.4	0.0	4.4	0.0	0.0	0.0	3.6	0.1	-0.7	0.0
				19	0.0	0.0	0.5	0.1	4.1	0.0	4.1	0.0	0.0	0.0	3.3	0.1	-0.3	0.0
				20	0.0	0.0	0.8	0.1	4.4	0.0	4.4	0.0	0.0	0.0	3.6	0.1	-0.7	0.0
				21	0.0	0.0	0.6	0.1	4.1	0.0	4.1	0.0	0.0	0.0	3.3	0.1	-0.4	0.0
				22	0.0	0.0	0.6	0.1	4.4	0.0	4.4	0.0	0.0	0.0	3.4	0.1	-0.2	0.0
				23	0.0	0.0	0.8	0.1	4.2	0.0	4.2	0.0	0.0	0.0	3.5	0.1	-0.8	0.0
				24	0.0	0.0	0.6	0.1	4.4	0.0	4.4	0.0	0.0	0.0	3.4	0.1	-0.2	0.0
				25	0.0	0.0	0.7	0.1	4.1	0.0	4.1	0.0	0.0	0.0	3.5	0.1	-0.8	0.0
12 (E-F)																		
	12 (E-F)		3	1	0.0	0.0	7.0	0.2	-1.0	0.0	0.0	0.0	0.0	0.0	7.5	0.2	-2.5	0.0
				2	0.0	0.0	6.3	0.2	-1.0	0.0	0.0	0.0	0.0	0.0	6.7	0.2	-2.3	0.0
				3	0.0	0.0	6.0	0.2	-0.8	0.0	0.0	0.0	0.0	0.0	6.4	0.2	-2.0	0.0
				4	0.0	0.0	6.3	0.2	-1.2	0.0	0.0	0.0	0.0	0.0	6.7	0.2	-2.5	0.0
				5	0.0	0.0	5.9	0.2	-0.6	0.0	0.0	0.0	0.0	0.0	6.4	0.2	-1.8	0.0
				6	0.0	0.0	6.2	0.2	-1.0	0.0	0.0	0.0	0.0	0.0	6.7	0.2	-2.2	0.0
				7	0.0	0.0	6.0	0.2	-0.8	0.0	0.0	0.0	0.0	0.0	6.4	0.2	-2.1	0.0
				8	0.0	0.0	6.3	0.2	-1.1	0.0	0.0	0.0	0.0	0.0	6.7	0.2	-2.4	0.0
				9	0.0	0.0	6.0	0.2	-0.7	0.0	0.0	0.0	0.0	0.0	6.4	0.2	-1.9	0.0
				10	0.0	0.0	6.1	0.2	-0.7	0.0	0.0	0.0	0.0	0.0	6.5	0.2	-1.9	0.0
				11	0.0	0.0	6.1	0.2	-1.1	0.0	0.0	0.0	0.0	0.0	6.6	0.2	-2.4	0.0
				12	0.0	0.0	6.0	0.2	-0.5	0.0	0.0	0.0	0.0	0.0	6.4	0.2	-1.8	0.0
				13	0.0	0.0	6.2	0.2	-1.2	0.0	0.0	0.0	0.0	0.0	6.7	0.2	-2.5	0.0
				14	0.0	0.0	6.1	0.2	-0.7	0.0	0.0	0.0	0.0	0.0	6.5	0.2	-1.9	0.0
				15	0.0	0.0	6.1	0.2	-1.1	0.0	0.0	0.0	0.0	0.0	6.6	0.2	-2.4	0.0
				16	0.0	0.0	6.0	0.2	-0.6	0.0	0.0	0.0	0.0	0.0	6.5	0.2	-1.8	0.0
				17	0.0	0.0	6.2	0.2	-1.2	0.0	0.0	0.0	0.0	0.0	6.6	0.2	-2.5	0.0
				18	0.0	0.0	3.6	0.1	-0.7	0.0	0.0	0.0	0.0	0.0	3.8	0.1	-1.4	0.0
				19	0.0	0.0	3.3	0.1	-0.3	0.0	0.0	0.0	0.0	0.0	3.5	0.1	-1.0	0.0
				20	0.0	0.0	3.6	0.1	-0.7	0.0	0.0	0.0	0.0	0.0	3.8	0.1	-1.4	0.0
				21	0.0	0.0	3.3	0.1	-0.4	0.0	0.0	0.0	0.0	0.0	3.6	0.1	-1.0	0.0
				22	0.0	0.0	3.4	0.1	-0.2	0.0	0.0	0.0	0.0	0.0	3.6	0.1	-0.9	0.0
				23	0.0	0.0	3.5	0.1	-0.8	0.0	0.0	0.0	0.0	0.0	3.8	0.1	-1.5	0.0
				24	0.0	0.0	3.4	0.1	-0.2	0.0	0.0	0.0	0.0	0.0	3.6	0.1	-0.9	0.0
				25	0.0	0.0	3.5	0.1	-0.8	0.0	0.0	0.0	0.0	0.0	3.7	0.1	-1.5	0.0

12 (F-F')	3	1	0.0	0.0	-2.0	-0.4	-3.0	0.0	0.0	0.0	0.0	0.0	4.9	-0.4	-6.1	0.0	
		2	0.0	0.0	-1.3	-0.3	-2.8	0.0	0.0	0.0	0.0	0.0	0.0	4.7	-0.3	-6.3	0.0
		3	0.0	0.0	-2.2	-0.3	-2.5	0.0	0.0	0.0	0.0	0.0	0.0	3.8	-0.3	-4.2	0.0
		4	0.0	0.0	-1.5	-0.3	-2.9	0.0	0.0	0.0	0.0	0.0	0.0	4.5	-0.3	-6.2	0.0
		5	0.0	0.0	-2.0	-0.3	-2.3	0.0	0.0	0.0	0.0	0.0	0.0	4.0	-0.3	-4.4	0.0
		6	0.0	0.0	-1.4	-0.3	-2.7	0.0	0.0	0.0	0.0	0.0	0.0	4.6	-0.3	-6.2	0.0
		7	0.0	0.0	-2.1	-0.3	-2.5	0.0	0.0	0.0	0.0	0.0	0.0	3.9	-0.3	-4.4	0.0
		8	0.0	0.0	-1.5	-0.3	-2.9	0.0	0.0	0.0	0.0	0.0	0.0	4.5	-0.3	-6.0	0.0
		9	0.0	0.0	-1.9	-0.3	-2.3	0.0	0.0	0.0	0.0	0.0	0.0	4.0	-0.3	-4.6	0.0
		10	0.0	0.0	-1.4	-0.3	-2.4	0.0	0.0	0.0	0.0	0.0	0.0	4.6	-0.3	-5.8	0.0
		11	0.0	0.0	-2.1	-0.4	-2.8	0.0	0.0	0.0	0.0	0.0	0.0	3.9	-0.4	-4.8	0.0
		12	0.0	0.0	-1.6	-0.3	-2.3	0.0	0.0	0.0	0.0	0.0	0.0	4.4	-0.3	-5.2	0.0
		13	0.0	0.0	-1.9	-0.4	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	-0.4	-5.4	0.0
		14	0.0	0.0	-1.4	-0.3	-2.4	0.0	0.0	0.0	0.0	0.0	0.0	4.6	-0.3	-5.8	0.0
		15	0.0	0.0	-2.1	-0.4	-2.8	0.0	0.0	0.0	0.0	0.0	0.0	3.9	-0.4	-4.7	0.0
		16	0.0	0.0	-1.6	-0.3	-2.3	0.0	0.0	0.0	0.0	0.0	0.0	4.4	-0.3	-5.3	0.0
		17	0.0	0.0	-1.9	-0.4	-2.9	0.0	0.0	0.0	0.0	0.0	0.0	4.1	-0.4	-5.2	0.0
		18	0.0	0.0	-0.6	-0.2	-1.7	0.0	0.0	0.0	0.0	0.0	0.0	2.7	-0.2	-3.9	0.0
		19	0.0	0.0	-1.3	-0.2	-1.3	0.0	0.0	0.0	0.0	0.0	0.0	2.0	-0.2	-2.0	0.0
		20	0.0	0.0	-0.7	-0.2	-1.7	0.0	0.0	0.0	0.0	0.0	0.0	2.7	-0.2	-3.8	0.0
		21	0.0	0.0	-1.3	-0.2	-1.3	0.0	0.0	0.0	0.0	0.0	0.0	2.1	-0.2	-2.2	0.0
		22	0.0	0.0	-0.7	-0.2	-1.2	0.0	0.0	0.0	0.0	0.0	0.0	2.6	-0.2	-3.2	0.0
		23	0.0	0.0	-1.2	-0.2	-1.8	0.0	0.0	0.0	0.0	0.0	0.0	2.1	-0.2	-2.8	0.0
		24	0.0	0.0	-0.7	-0.2	-1.2	0.0	0.0	0.0	0.0	0.0	0.0	2.6	-0.2	-3.3	0.0
		25	0.0	0.0	-1.2	-0.2	-1.7	0.0	0.0	0.0	0.0	0.0	0.0	2.1	-0.2	-2.7	0.0
12 (F'-G)	3	1	0.0	0.0	4.9	-0.4	-6.1	0.0	0.0	0.0	0.0	0.0	6.6	-0.4	-10.0	0.0	
		2	0.0	0.0	4.7	-0.3	-6.3	0.0	0.0	0.0	0.0	0.0	6.2	-0.3	-10.0	0.0	
		3	0.0	0.0	3.8	-0.3	-4.2	0.0	0.0	0.0	0.0	0.0	5.3	-0.3	-7.4	0.0	
		4	0.0	0.0	4.5	-0.3	-6.2	0.0	0.0	0.0	0.0	0.0	6.0	-0.3	-9.8	0.0	
		5	0.0	0.0	4.0	-0.3	-4.4	0.0	0.0	0.0	0.0	0.0	5.5	-0.3	-7.6	0.0	
		6	0.0	0.0	4.6	-0.3	-6.2	0.0	0.0	0.0	0.0	0.0	6.1	-0.3	-9.9	0.0	
		7	0.0	0.0	3.9	-0.3	-4.4	0.0	0.0	0.0	0.0	0.0	5.4	-0.3	-7.6	0.0	
		8	0.0	0.0	4.5	-0.3	-6.0	0.0	0.0	0.0	0.0	0.0	6.0	-0.3	-9.6	0.0	
		9	0.0	0.0	4.0	-0.3	-4.6	0.0	0.0	0.0	0.0	0.0	5.5	-0.3	-7.8	0.0	
		10	0.0	0.0	4.6	-0.3	-5.8	0.0	0.0	0.0	0.0	0.0	6.1	-0.3	-9.4	0.0	
		11	0.0	0.0	3.9	-0.4	-4.8	0.0	0.0	0.0	0.0	0.0	5.4	-0.4	-8.0	0.0	
		12	0.0	0.0	4.4	-0.3	-5.2	0.0	0.0	0.0	0.0	0.0	5.9	-0.3	-8.7	0.0	
		13	0.0	0.0	4.1	-0.4	-5.4	0.0	0.0	0.0	0.0	0.0	5.6	-0.4	-8.7	0.0	
		14	0.0	0.0	4.6	-0.3	-5.8	0.0	0.0	0.0	0.0	0.0	6.1	-0.3	-9.5	0.0	
		15	0.0	0.0	3.9	-0.4	-4.7	0.0	0.0	0.0	0.0	0.0	5.4	-0.4	-7.9	0.0	
		16	0.0	0.0	4.4	-0.3	-5.3	0.0	0.0	0.0	0.0	0.0	5.9	-0.3	-8.9	0.0	
		17	0.0	0.0	4.1	-0.4	-5.2	0.0	0.0	0.0	0.0	0.0	5.6	-0.4	-8.5	0.0	
		18	0.0	0.0	2.7	-0.2	-3.9	0.0	0.0	0.0	0.0	0.0	3.6	-0.2	-6.1	0.0	
		19	0.0	0.0	2.0	-0.2	-2.0	0.0	0.0	0.0	0.0	0.0	2.8	-0.2	-3.6	0.0	
		20	0.0	0.0	2.7	-0.2	-3.8	0.0	0.0	0.0	0.0	0.0	3.5	-0.2	-5.9	0.0	

		21	0.0	0.0	2.1	-0.2	-2.2	0.0	0.0	0.0	0.0	0.0	2.9	-0.2	-3.9	0.0
		22	0.0	0.0	2.6	-0.2	-3.2	0.0	0.0	0.0	0.0	0.0	3.4	-0.2	-5.2	0.0
		23	0.0	0.0	2.1	-0.2	-2.8	0.0	0.0	0.0	0.0	0.0	3.0	-0.2	-4.5	0.0
		24	0.0	0.0	2.6	-0.2	-3.3	0.0	0.0	0.0	0.0	0.0	3.5	-0.2	-5.3	0.0
		25	0.0	0.0	2.1	-0.2	-2.7	0.0	0.0	0.0	0.0	0.0	2.9	-0.2	-4.4	0.0
12 (G-H)	3	1	0.0	0.0	-6.6	0.0	-5.0	0.0	1.6	.6	0.0	0.0	4.9	0.0	-1.9	0.0
		2	0.0	0.0	-4.7	0.0	-2.6	0.0	1.2	.45	0.0	0.0	5.2	0.0	-3.5	0.0
		3	0.0	0.0	-6.8	0.0	-6.0	0.0	1.9	.7	0.0	0.0	3.2	0.0	0.2	0.0
		4	0.0	0.0	-4.6	0.0	-2.5	0.0	1.2	.45	0.0	0.0	5.3	0.0	-3.6	0.0
		5	0.0	0.0	-6.8	0.0	-6.1	0.0	2.0	.7	0.0	0.0	3.1	0.0	0.3	0.0
		6	0.0	0.0	-4.9	0.0	-2.8	0.0	1.2	.5	0.0	0.0	5.1	0.0	-3.2	0.0
		7	0.0	0.0	-6.6	0.0	-5.7	0.0	1.8	.65	0.0	0.0	3.3	0.0	-0.1	0.0
		8	0.0	0.0	-4.9	0.0	-2.8	0.0	1.3	.5	0.0	0.0	5.1	0.0	-3.2	0.0
		9	0.0	0.0	-6.6	0.0	-5.7	0.0	1.8	.65	0.0	0.0	3.3	0.0	-0.1	0.0
		10	0.0	0.0	-5.5	0.0	-3.9	0.0	1.3	.55	0.0	0.0	4.4	0.0	-2.1	0.0
		11	0.0	0.0	-6.0	0.0	-4.7	0.0	1.5	.6	0.0	0.0	4.0	0.0	-1.2	0.0
		12	0.0	0.0	-6.1	0.0	-5.0	0.0	1.5	.6	0.0	0.0	3.8	0.0	-1.0	0.0
		13	0.0	0.0	-5.3	0.0	-3.6	0.0	1.3	.55	0.0	0.0	4.6	0.0	-2.3	0.0
		14	0.0	0.0	-5.5	0.0	-3.9	0.0	1.3	.55	0.0	0.0	4.5	0.0	-2.2	0.0
		15	0.0	0.0	-6.0	0.0	-4.7	0.0	1.5	.6	0.0	0.0	3.9	0.0	-1.1	0.0
		16	0.0	0.0	-6.0	0.0	-4.7	0.0	1.5	.6	0.0	0.0	3.9	0.0	-1.2	0.0
		17	0.0	0.0	-5.5	0.0	-3.8	0.0	1.4	.55	0.0	0.0	4.5	0.0	-2.1	0.0
		18	0.0	0.0	-2.1	0.0	-0.6	0.0	0.8	.4	0.0	0.0	3.4	0.0	-2.8	0.0
		19	0.0	0.0	-4.2	0.0	-4.1	0.0	1.5	.75	0.0	0.0	1.3	0.0	1.0	0.0
		20	0.0	0.0	-2.3	0.0	-0.9	0.0	0.7	.4	0.0	0.0	3.2	0.0	-2.5	0.0
		21	0.0	0.0	-4.1	0.0	-3.8	0.0	1.3	.75	0.0	0.0	1.4	0.0	0.7	0.0
		22	0.0	0.0	-3.3	0.0	-2.5	0.0	0.8	.6	0.0	0.0	2.2	0.0	-0.8	0.0
		23	0.0	0.0	-3.1	0.0	-2.2	0.0	0.8	.55	0.0	0.0	2.4	0.0	-1.0	0.0
		24	0.0	0.0	-3.2	0.0	-2.4	0.0	0.7	.6	0.0	0.0	2.3	0.0	-0.9	0.0
		25	0.0	0.0	-3.2	0.0	-2.4	0.0	0.8	.6	0.0	0.0	2.3	0.0	-0.9	0.0
13 (B-C)	3	1	0.0	0.0	-6.5	-0.2	0.1	0.0	6.9	1.0	0.0	0.0	-3.3	-0.2	6.9	0.0
		2	0.0	0.0	-5.7	-0.1	0.2	0.0	6.1	1.0	0.0	0.0	-2.8	-0.1	6.1	0.0
		3	0.0	0.0	-5.7	-0.2	0.0	0.0	5.9	1.0	0.0	0.0	-2.9	-0.2	5.9	0.0
		4	0.0	0.0	-5.7	-0.1	0.2	0.0	6.1	1.0	0.0	0.0	-2.8	-0.1	6.1	0.0
		5	0.0	0.0	-5.7	-0.2	0.0	0.0	5.9	1.0	0.0	0.0	-2.9	-0.2	5.9	0.0
		6	0.0	0.0	-5.7	-0.1	0.2	0.0	6.1	1.0	0.0	0.0	-2.8	-0.1	6.1	0.0
		7	0.0	0.0	-5.7	-0.2	0.0	0.0	5.9	1.0	0.0	0.0	-2.9	-0.2	5.9	0.0
		8	0.0	0.0	-5.7	-0.1	0.2	0.0	6.1	1.0	0.0	0.0	-2.8	-0.1	6.1	0.0
		9	0.0	0.0	-5.7	-0.2	0.0	0.0	5.9	1.0	0.0	0.0	-2.9	-0.2	5.9	0.0
		10	0.0	0.0	-5.7	-0.1	0.1	0.0	6.0	1.0	0.0	0.0	-2.8	-0.1	6.0	0.0
		11	0.0	0.0	-5.7	-0.2	0.1	0.0	6.0	1.0	0.0	0.0	-2.8	-0.2	6.0	0.0
		12	0.0	0.0	-5.7	-0.2	0.0	0.0	6.0	1.0	0.0	0.0	-2.9	-0.2	6.0	0.0
		13	0.0	0.0	-5.7	-0.2	0.1	0.0	6.0	1.0	0.0	0.0	-2.8	-0.2	6.0	0.0
		14	0.0	0.0	-5.7	-0.1	0.1	0.0	6.1	1.0	0.0	0.0	-2.8	-0.1	6.1	0.0

				15	0.0	0.0	-5.7	-0.2	0.0	0.0	6.0	1.0	0.0	0.0	-2.8	-0.2	6.0	0.0
				16	0.0	0.0	-5.7	-0.2	0.1	0.0	6.0	1.0	0.0	0.0	-2.9	-0.2	6.0	0.0
				17	0.0	0.0	-5.7	-0.2	0.1	0.0	6.0	1.0	0.0	0.0	-2.8	-0.2	6.0	0.0
				18	0.0	0.0	-3.2	0.0	0.2	0.0	3.5	1.0	0.0	0.0	-1.6	0.0	3.5	0.0
				19	0.0	0.0	-3.2	-0.1	-0.1	0.0	3.3	1.0	0.0	0.0	-1.6	-0.1	3.3	0.0
				20	0.0	0.0	-3.2	0.0	0.2	0.0	3.5	1.0	0.0	0.0	-1.6	0.0	3.5	0.0
				21	0.0	0.0	-3.2	-0.1	-0.1	0.0	3.3	1.0	0.0	0.0	-1.6	-0.1	3.3	0.0
				22	0.0	0.0	-3.2	-0.1	0.0	0.0	3.4	1.0	0.0	0.0	-1.6	-0.1	3.4	0.0
				23	0.0	0.0	-3.2	-0.1	0.1	0.0	3.4	1.0	0.0	0.0	-1.6	-0.1	3.4	0.0
				24	0.0	0.0	-3.2	-0.1	0.1	0.0	3.4	1.0	0.0	0.0	-1.6	-0.1	3.4	0.0
				25	0.0	0.0	-3.2	-0.1	0.0	0.0	3.4	1.0	0.0	0.0	-1.6	-0.1	3.4	0.0
13 (C-D)	3	1	0.0	0.0	-3.5	0.1	6.9	0.0	9.5	.65	0.0	0.0	0.0	1.9	0.1	8.7	0.0	
		2	0.0	0.0	-2.9	0.1	6.1	0.0	8.1	.6	0.0	0.0	0.0	1.8	0.1	7.3	0.0	
		3	0.0	0.0	-3.2	0.1	5.9	0.0	8.4	.65	0.0	0.0	0.0	1.5	0.1	7.8	0.0	
		4	0.0	0.0	-2.9	0.1	6.1	0.0	8.1	.6	0.0	0.0	0.0	1.8	0.1	7.3	0.0	
		5	0.0	0.0	-3.2	0.1	5.9	0.0	8.4	.65	0.0	0.0	0.0	1.5	0.1	7.8	0.0	
		6	0.0	0.0	-2.9	0.1	6.1	0.0	8.1	.6	0.0	0.0	0.0	1.8	0.1	7.3	0.0	
		7	0.0	0.0	-3.1	0.1	5.9	0.0	8.3	.65	0.0	0.0	0.0	1.6	0.1	7.7	0.0	
		8	0.0	0.0	-2.9	0.1	6.1	0.0	8.1	.6	0.0	0.0	0.0	1.8	0.1	7.4	0.0	
		9	0.0	0.0	-3.1	0.1	6.0	0.0	8.3	.65	0.0	0.0	0.0	1.6	0.1	7.7	0.0	
		10	0.0	0.0	-3.0	0.1	6.1	0.0	8.2	.65	0.0	0.0	0.0	1.7	0.1	7.5	0.0	
		11	0.0	0.0	-3.1	0.1	6.0	0.0	8.3	.65	0.0	0.0	0.0	1.6	0.1	7.6	0.0	
		12	0.0	0.0	-3.1	0.1	6.0	0.0	8.3	.65	0.0	0.0	0.0	1.6	0.1	7.6	0.0	
		13	0.0	0.0	-3.0	0.1	6.0	0.0	8.2	.65	0.0	0.0	0.0	1.7	0.1	7.5	0.0	
		14	0.0	0.0	-3.0	0.1	6.1	0.0	8.2	.65	0.0	0.0	0.0	1.7	0.1	7.5	0.0	
		15	0.0	0.0	-3.1	0.1	6.0	0.0	8.3	.65	0.0	0.0	0.0	1.6	0.1	7.6	0.0	
		16	0.0	0.0	-3.0	0.1	6.0	0.0	8.3	.65	0.0	0.0	0.0	1.7	0.1	7.6	0.0	
		17	0.0	0.0	-3.0	0.1	6.0	0.0	8.2	.65	0.0	0.0	0.0	1.7	0.1	7.5	0.0	
		18	0.0	0.0	-1.5	0.0	3.5	0.0	4.5	.6	0.0	0.0	0.0	1.1	0.0	4.0	0.0	
		19	0.0	0.0	-1.8	0.1	3.3	0.0	4.8	.7	0.0	0.0	0.0	0.8	0.1	4.5	0.0	
		20	0.0	0.0	-1.6	0.0	3.5	0.0	4.5	.6	0.0	0.0	0.0	1.1	0.0	4.0	0.0	
		21	0.0	0.0	-1.8	0.1	3.3	0.0	4.7	.7	0.0	0.0	0.0	0.8	0.1	4.4	0.0	
		22	0.0	0.0	-1.7	0.0	3.4	0.0	4.6	.65	0.0	0.0	0.0	0.9	0.0	4.3	0.0	
		23	0.0	0.0	-1.7	0.0	3.4	0.0	4.6	.65	0.0	0.0	0.0	1.0	0.0	4.2	0.0	
		24	0.0	0.0	-1.7	0.0	3.4	0.0	4.6	.65	0.0	0.0	0.0	1.0	0.0	4.2	0.0	
		25	0.0	0.0	-1.7	0.0	3.4	0.0	4.6	.65	0.0	0.0	0.0	0.9	0.0	4.2	0.0	
13 (D-D')	3	1	0.0	0.0	1.9	0.1	8.7	0.0	8.7	0.0	0.0	0.0	0.0	4.7	0.1	4.7	0.0	
		2	0.0	0.0	1.8	0.1	7.3	0.0	7.3	0.0	0.0	0.0	0.0	4.3	0.1	3.7	0.0	
		3	0.0	0.0	1.5	0.1	7.8	0.0	7.8	0.0	0.0	0.0	0.0	4.0	0.1	4.5	0.0	
		4	0.0	0.0	1.8	0.1	7.3	0.0	7.3	0.0	0.0	0.0	0.0	4.3	0.1	3.6	0.0	
		5	0.0	0.0	1.5	0.1	7.8	0.0	7.8	0.0	0.0	0.0	0.0	4.0	0.1	4.5	0.0	
		6	0.0	0.0	1.8	0.1	7.3	0.0	7.3	0.0	0.0	0.0	0.0	4.3	0.1	3.7	0.0	
		7	0.0	0.0	1.6	0.1	7.7	0.0	7.7	0.0	0.0	0.0	0.0	4.0	0.1	4.4	0.0	
		8	0.0	0.0	1.8	0.1	7.4	0.0	7.4	0.0	0.0	0.0	0.0	4.2	0.1	3.7	0.0	



		9	0.0	0.0	1.6	0.1	7.7	0.0	7.7	0.0	0.0	0.0	4.0	0.1	4.4	0.0
		10	0.0	0.0	1.7	0.1	7.5	0.0	7.5	0.0	0.0	0.0	4.2	0.1	4.0	0.0
		11	0.0	0.0	1.6	0.1	7.6	0.0	7.6	0.0	0.0	0.0	4.1	0.1	4.2	0.0
		12	0.0	0.0	1.6	0.1	7.6	0.0	7.6	0.0	0.0	0.0	4.1	0.1	4.2	0.0
		13	0.0	0.0	1.7	0.1	7.5	0.0	7.5	0.0	0.0	0.0	4.2	0.1	3.9	0.0
		14	0.0	0.0	1.7	0.1	7.5	0.0	7.5	0.0	0.0	0.0	4.2	0.1	3.9	0.0
		15	0.0	0.0	1.6	0.1	7.6	0.0	7.6	0.0	0.0	0.0	4.1	0.1	4.2	0.0
		16	0.0	0.0	1.7	0.1	7.6	0.0	7.6	0.0	0.0	0.0	4.1	0.1	4.2	0.0
		17	0.0	0.0	1.7	0.1	7.5	0.0	7.5	0.0	0.0	0.0	4.2	0.1	4.0	0.0
		18	0.0	0.0	1.1	0.0	4.0	0.0	4.0	0.0	0.0	0.0	2.5	0.0	1.9	0.0
		19	0.0	0.0	0.8	0.1	4.5	0.0	4.5	0.0	0.0	0.0	2.2	0.1	2.7	0.0
		20	0.0	0.0	1.1	0.0	4.0	0.0	4.0	0.0	0.0	0.0	2.4	0.0	1.9	0.0
		21	0.0	0.0	0.8	0.1	4.4	0.0	4.4	0.0	0.0	0.0	2.2	0.1	2.6	0.0
		22	0.0	0.0	0.9	0.0	4.3	0.0	4.3	0.0	0.0	0.0	2.3	0.0	2.3	0.0
		23	0.0	0.0	1.0	0.0	4.2	0.0	4.2	0.0	0.0	0.0	2.3	0.0	2.3	0.0
		24	0.0	0.0	1.0	0.0	4.2	0.0	4.2	0.0	0.0	0.0	2.3	0.0	2.3	0.0
		25	0.0	0.0	0.9	0.0	4.2	0.0	4.2	0.0	0.0	0.0	2.3	0.0	2.3	0.0
13 (D'-E)	3	1	0.0	0.0	4.7	0.1	4.7	0.0	4.7	0.0	0.0	0.0	10.2	0.1	-12.6	0.0
		2	0.0	0.0	4.3	0.1	3.7	0.0	3.7	0.0	0.0	0.0	9.0	0.1	-11.7	0.0
		3	0.0	0.0	4.0	0.1	4.5	0.0	4.5	0.0	0.0	0.0	8.7	0.1	-10.2	0.0
		4	0.0	0.0	4.3	0.1	3.6	0.0	3.6	0.0	0.0	0.0	9.0	0.1	-11.8	0.0
		5	0.0	0.0	4.0	0.1	4.5	0.0	4.5	0.0	0.0	0.0	8.7	0.1	-10.2	0.0
		6	0.0	0.0	4.3	0.1	3.7	0.0	3.7	0.0	0.0	0.0	9.0	0.1	-11.6	0.0
		7	0.0	0.0	4.0	0.1	4.4	0.0	4.4	0.0	0.0	0.0	8.7	0.1	-10.3	0.0
		8	0.0	0.0	4.2	0.1	3.7	0.0	3.7	0.0	0.0	0.0	9.0	0.1	-11.6	0.0
		9	0.0	0.0	4.0	0.1	4.4	0.0	4.4	0.0	0.0	0.0	8.7	0.1	-10.4	0.0
		10	0.0	0.0	4.2	0.1	4.0	0.0	4.0	0.0	0.0	0.0	8.9	0.1	-11.2	0.0
		11	0.0	0.0	4.1	0.1	4.2	0.0	4.2	0.0	0.0	0.0	8.8	0.1	-10.8	0.0
		12	0.0	0.0	4.1	0.1	4.2	0.0	4.2	0.0	0.0	0.0	8.8	0.1	-10.7	0.0
		13	0.0	0.0	4.2	0.1	3.9	0.0	3.9	0.0	0.0	0.0	8.9	0.1	-11.2	0.0
		14	0.0	0.0	4.2	0.1	3.9	0.0	3.9	0.0	0.0	0.0	8.9	0.1	-11.2	0.0
		15	0.0	0.0	4.1	0.1	4.2	0.0	4.2	0.0	0.0	0.0	8.8	0.1	-10.7	0.0
		16	0.0	0.0	4.1	0.1	4.2	0.0	4.2	0.0	0.0	0.0	8.8	0.1	-10.8	0.0
		17	0.0	0.0	4.2	0.1	4.0	0.0	4.0	0.0	0.0	0.0	8.9	0.1	-11.1	0.0
		18	0.0	0.0	2.5	0.0	1.9	0.0	1.9	0.0	0.0	0.0	5.1	0.0	-7.0	0.0
		19	0.0	0.0	2.2	0.1	2.7	0.0	2.7	0.0	0.0	0.0	4.8	0.1	-5.4	0.0
		20	0.0	0.0	2.4	0.0	1.9	0.0	1.9	0.0	0.0	0.0	5.1	0.0	-6.8	0.0
		21	0.0	0.0	2.2	0.1	2.6	0.0	2.6	0.0	0.0	0.0	4.9	0.1	-5.6	0.0
		22	0.0	0.0	2.3	0.0	2.3	0.0	2.3	0.0	0.0	0.0	5.0	0.0	-6.1	0.0
		23	0.0	0.0	2.3	0.0	2.3	0.0	2.3	0.0	0.0	0.0	5.0	0.0	-6.2	0.0
		24	0.0	0.0	2.3	0.0	2.3	0.0	2.3	0.0	0.0	0.0	5.0	0.0	-6.2	0.0
		25	0.0	0.0	2.3	0.0	2.3	0.0	2.3	0.0	0.0	0.0	5.0	0.0	-6.1	0.0
13 (E-F)	3	1	0.0	0.0	10.2	0.1	-12.6	0.0	0.0	0.0	0.0	0.0	10.4	0.1	-14.2	0.0
		2	0.0	0.0	9.0	0.1	-11.7	0.0	0.0	0.0	0.0	0.0	9.2	0.1	-13.1	0.0

3	0.0	0.0	8.7	0.1	-10.2	0.0	0.0	0.0	0.0	0.0	8.9	0.1	-11.5	0.0
4	0.0	0.0	9.0	0.1	-11.8	0.0	0.0	0.0	0.0	0.0	9.2	0.1	-13.1	0.0
5	0.0	0.0	8.7	0.1	-10.2	0.0	0.0	0.0	0.0	0.0	8.9	0.1	-11.5	0.0
6	0.0	0.0	9.0	0.1	-11.6	0.0	0.0	0.0	0.0	0.0	9.2	0.1	-13.0	0.0
7	0.0	0.0	8.7	0.1	-10.3	0.0	0.0	0.0	0.0	0.0	8.9	0.1	-11.7	0.0
8	0.0	0.0	9.0	0.1	-11.6	0.0	0.0	0.0	0.0	0.0	9.2	0.1	-12.9	0.0
9	0.0	0.0	8.7	0.1	-10.4	0.0	0.0	0.0	0.0	0.0	8.9	0.1	-11.7	0.0
10	0.0	0.0	8.9	0.1	-11.2	0.0	0.0	0.0	0.0	0.0	9.1	0.1	-12.5	0.0
11	0.0	0.0	8.8	0.1	-10.8	0.0	0.0	0.0	0.0	0.0	9.0	0.1	-12.1	0.0
12	0.0	0.0	8.8	0.1	-10.7	0.0	0.0	0.0	0.0	0.0	9.0	0.1	-12.0	0.0
13	0.0	0.0	8.9	0.1	-11.2	0.0	0.0	0.0	0.0	0.0	9.1	0.1	-12.6	0.0
14	0.0	0.0	8.9	0.1	-11.2	0.0	0.0	0.0	0.0	0.0	9.1	0.1	-12.6	0.0
15	0.0	0.0	8.8	0.1	-10.7	0.0	0.0	0.0	0.0	0.0	9.0	0.1	-12.1	0.0
16	0.0	0.0	8.8	0.1	-10.8	0.0	0.0	0.0	0.0	0.0	9.0	0.1	-12.2	0.0
17	0.0	0.0	8.9	0.1	-11.1	0.0	0.0	0.0	0.0	0.0	9.1	0.1	-12.4	0.0
18	0.0	0.0	5.1	0.0	-7.0	0.0	0.0	0.0	0.0	0.0	5.2	0.0	-7.7	0.0
19	0.0	0.0	4.8	0.1	-5.4	0.0	0.0	0.0	0.0	0.0	4.9	0.1	-6.1	0.0
20	0.0	0.0	5.1	0.0	-6.8	0.0	0.0	0.0	0.0	0.0	5.2	0.0	-7.6	0.0
21	0.0	0.0	4.9	0.1	-5.6	0.0	0.0	0.0	0.0	0.0	5.0	0.1	-6.3	0.0
22	0.0	0.0	5.0	0.0	-6.1	0.0	0.0	0.0	0.0	0.0	5.1	0.0	-6.9	0.0
23	0.0	0.0	5.0	0.0	-6.2	0.0	0.0	0.0	0.0	0.0	5.1	0.0	-7.0	0.0
24	0.0	0.0	5.0	0.0	-6.2	0.0	0.0	0.0	0.0	0.0	5.1	0.0	-7.0	0.0
25	0.0	0.0	5.0	0.0	-6.1	0.0	0.0	0.0	0.0	0.0	5.1	0.0	-6.9	0.0

13 (F-F')	3	1	0.0	0.0	-1.6	-0.1	-4.5	0.0	0.0	0.0	0.0	-1.6	-0.1	-1.2	0.0
		2	0.0	0.0	-0.8	-0.1	-2.4	0.0	0.0	0.0	0.0	-0.8	-0.1	-0.7	0.0
		3	0.0	0.0	-1.9	-0.1	-5.4	0.0	0.0	0.0	0.0	-1.9	-0.1	-1.4	0.0
		4	0.0	0.0	-0.8	-0.1	-2.4	0.0	0.0	0.0	0.0	-0.8	-0.1	-0.7	0.0
		5	0.0	0.0	-1.9	-0.1	-5.4	0.0	0.0	0.0	0.0	-1.9	-0.1	-1.4	0.0
		6	0.0	0.0	-0.9	-0.1	-2.6	0.0	0.0	0.0	0.0	-0.9	-0.1	-0.8	0.0
		7	0.0	0.0	-1.8	-0.1	-5.1	0.0	0.0	0.0	0.0	-1.8	-0.1	-1.4	0.0
		8	0.0	0.0	-0.9	-0.1	-2.7	0.0	0.0	0.0	0.0	-0.9	-0.1	-0.8	0.0
		9	0.0	0.0	-1.8	-0.1	-5.1	0.0	0.0	0.0	0.0	-1.8	-0.1	-1.4	0.0
		10	0.0	0.0	-1.2	-0.1	-3.5	0.0	0.0	0.0	0.0	-1.2	-0.1	-1.0	0.0
		11	0.0	0.0	-1.5	-0.1	-4.3	0.0	0.0	0.0	0.0	-1.5	-0.1	-1.2	0.0
		12	0.0	0.0	-1.5	-0.1	-4.4	0.0	0.0	0.0	0.0	-1.5	-0.1	-1.2	0.0
		13	0.0	0.0	-1.2	-0.1	-3.4	0.0	0.0	0.0	0.0	-1.2	-0.1	-1.0	0.0
		14	0.0	0.0	-1.2	-0.1	-3.4	0.0	0.0	0.0	0.0	-1.2	-0.1	-1.0	0.0
		15	0.0	0.0	-1.5	-0.1	-4.4	0.0	0.0	0.0	0.0	-1.5	-0.1	-1.2	0.0
		16	0.0	0.0	-1.4	-0.1	-4.1	0.0	0.0	0.0	0.0	-1.4	-0.1	-1.1	0.0
		17	0.0	0.0	-1.3	-0.1	-3.6	0.0	0.0	0.0	0.0	-1.3	-0.1	-1.0	0.0
		18	0.0	0.0	-0.2	0.0	-0.6	0.0	0.0	0.0	0.0	-0.2	0.0	-0.2	0.0
		19	0.0	0.0	-1.3	0.0	-3.7	0.0	0.0	0.0	0.0	-1.3	0.0	-1.0	0.0
		20	0.0	0.0	-0.3	0.0	-1.0	0.0	0.0	0.0	0.0	-0.3	0.0	-0.3	0.0
		21	0.0	0.0	-1.2	0.0	-3.4	0.0	0.0	0.0	0.0	-1.2	0.0	-0.9	0.0
		22	0.0	0.0	-0.8	-0.1	-2.2	0.0	0.0	0.0	0.0	-0.8	-0.1	-0.6	0.0

		23	0.0	0.0	-0.7	0.0	-2.1	0.0	0.0	0.0	0.0	0.0	-0.7	0.0	-0.6	0.0
		24	0.0	0.0	-0.7	-0.1	-2.0	0.0	0.0	0.0	0.0	0.0	-0.7	-0.1	-0.6	0.0
		25	0.0	0.0	-0.8	0.0	-2.3	0.0	0.0	0.0	0.0	0.0	-0.8	0.0	-0.6	0.0
13 (F'-G)	3	1	0.0	0.0	-1.6	-0.1	-1.2	0.0	0.0	0.0	0.0	0.0	-1.6	-0.1	-0.1	0.0
		2	0.0	0.0	-0.8	-0.1	-0.7	0.0	0.0	0.0	0.0	0.0	-0.8	-0.1	-0.1	0.0
		3	0.0	0.0	-1.9	-0.1	-1.4	0.0	0.0	0.0	0.0	0.0	-1.9	-0.1	0.0	0.0
		4	0.0	0.0	-0.8	-0.1	-0.7	0.0	0.0	0.0	0.0	0.0	-0.8	-0.1	-0.1	0.0
		5	0.0	0.0	-1.9	-0.1	-1.4	0.0	0.0	0.0	0.0	0.0	-1.9	-0.1	0.0	0.0
		6	0.0	0.0	-0.9	-0.1	-0.8	0.0	0.0	0.0	0.0	0.0	-0.9	-0.1	-0.1	0.0
		7	0.0	0.0	-1.8	-0.1	-1.4	0.0	0.0	0.0	0.0	0.0	-1.8	-0.1	-0.1	0.0
		8	0.0	0.0	-0.9	-0.1	-0.8	0.0	0.0	0.0	0.0	0.0	-0.9	-0.1	-0.1	0.0
		9	0.0	0.0	-1.8	-0.1	-1.4	0.0	0.0	0.0	0.0	0.0	-1.8	-0.1	-0.1	0.0
		10	0.0	0.0	-1.2	-0.1	-1.0	0.0	0.0	0.0	0.0	0.0	-1.2	-0.1	-0.1	0.0
		11	0.0	0.0	-1.5	-0.1	-1.2	0.0	0.0	0.0	0.0	0.0	-1.5	-0.1	-0.1	0.0
		12	0.0	0.0	-1.5	-0.1	-1.2	0.0	0.0	0.0	0.0	0.0	-1.5	-0.1	-0.1	0.0
		13	0.0	0.0	-1.2	-0.1	-1.0	0.0	0.0	0.0	0.0	0.0	-1.2	-0.1	-0.1	0.0
		14	0.0	0.0	-1.2	-0.1	-1.0	0.0	0.0	0.0	0.0	0.0	-1.2	-0.1	-0.1	0.0
		15	0.0	0.0	-1.5	-0.1	-1.2	0.0	0.0	0.0	0.0	0.0	-1.5	-0.1	-0.1	0.0
		16	0.0	0.0	-1.4	-0.1	-1.1	0.0	0.0	0.0	0.0	0.0	-1.4	-0.1	-0.1	0.0
		17	0.0	0.0	-1.3	-0.1	-1.0	0.0	0.0	0.0	0.0	0.0	-1.3	-0.1	-0.1	0.0
		18	0.0	0.0	-0.2	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	-0.1	0.0
		19	0.0	0.0	-1.3	0.0	-1.0	0.0	0.0	0.0	0.0	0.0	-1.3	0.0	0.0	0.0
		20	0.0	0.0	-0.3	0.0	-0.3	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	-0.1	0.0
		21	0.0	0.0	-1.2	0.0	-0.9	0.0	0.0	0.0	0.0	0.0	-1.2	0.0	0.0	0.0
		22	0.0	0.0	-0.8	-0.1	-0.6	0.0	0.0	0.0	0.0	0.0	-0.8	-0.1	0.0	0.0
		23	0.0	0.0	-0.7	0.0	-0.6	0.0	0.0	0.0	0.0	0.0	-0.7	0.0	0.0	0.0
		24	0.0	0.0	-0.7	-0.1	-0.6	0.0	0.0	0.0	0.0	0.0	-0.7	-0.1	0.0	0.0
		25	0.0	0.0	-0.8	0.0	-0.6	0.0	0.0	0.0	0.0	0.0	-0.8	0.0	0.0	0.0
14 (B-C)	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.2	0.0	0.8	0.0	0.8	0.0	0.0	0.0	0.2	0.0	0.5	0.0
		3	0.0	0.0	-0.2	0.0	-0.8	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	-0.5	0.0
		4	0.0	0.0	0.2	0.0	0.8	0.0	0.8	0.0	0.0	0.0	0.2	0.0	0.5	0.0
		5	0.0	0.0	-0.2	0.0	-0.8	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	-0.5	0.0
		6	0.0	0.0	0.2	0.0	0.6	0.0	0.6	0.0	0.0	0.0	0.2	0.0	0.4	0.0
		7	0.0	0.0	-0.2	0.0	-0.6	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	-0.4	0.0
		8	0.0	0.0	0.2	0.0	0.6	0.0	0.6	0.0	0.0	0.0	0.2	0.0	0.4	0.0
		9	0.0	0.0	-0.1	0.0	-0.6	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.4	0.0
		10	0.0	0.0	0.1	0.0	0.2	0.0	0.2	0.0	0.0	0.0	0.1	0.0	0.1	0.0
		11	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0
		12	0.0	0.0	-0.1	0.0	-0.3	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.2	0.0
		13	0.0	0.0	0.1	0.0	0.3	0.0	0.3	0.0	0.0	0.0	0.1	0.0	0.2	0.0
		14	0.0	0.0	0.1	0.0	0.3	0.0	0.3	0.0	0.0	0.0	0.1	0.0	0.2	0.0
		15	0.0	0.0	-0.1	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.2	0.0
		16	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0

		17	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	
		18	0.0	0.0	0.2	0.0	0.8	0.0	0.8	0.0	0.0	0.0	0.2	0.0	0.5	0.0
		19	0.0	0.0	-0.2	0.0	-0.8	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	-0.5	0.0
		20	0.0	0.0	0.2	0.0	0.6	0.0	0.6	0.0	0.0	0.0	0.2	0.0	0.4	0.0
		21	0.0	0.0	-0.2	0.0	-0.6	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	-0.4	0.0
		22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		24	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		25	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14 (C-D)	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.2	0.0	0.5	0.0	0.5	0.0	0.0	0.0	0.2	0.0	0.0	0.0
		3	0.0	0.0	-0.2	0.0	-0.5	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.0
		4	0.0	0.0	0.2	0.0	0.5	0.0	0.5	0.0	0.0	0.0	0.2	0.0	0.0	0.0
		5	0.0	0.0	-0.2	0.0	-0.5	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.0
		6	0.0	0.0	0.2	0.0	0.4	0.0	0.4	0.0	0.0	0.0	0.2	0.0	0.0	0.0
		7	0.0	0.0	-0.2	0.0	-0.4	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.0
		8	0.0	0.0	0.2	0.0	0.4	0.0	0.4	0.0	0.0	0.0	0.2	0.0	0.0	0.0
		9	0.0	0.0	-0.1	0.0	-0.4	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
		10	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0
		11	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		12	0.0	0.0	-0.1	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
		13	0.0	0.0	0.1	0.0	0.2	0.0	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0
		14	0.0	0.0	0.1	0.0	0.2	0.0	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0
		15	0.0	0.0	-0.1	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
		16	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		17	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		18	0.0	0.0	0.2	0.0	0.5	0.0	0.5	0.0	0.0	0.0	0.2	0.0	0.0	0.0
		19	0.0	0.0	-0.2	0.0	-0.5	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.0
		20	0.0	0.0	0.2	0.0	0.4	0.0	0.4	0.0	0.0	0.0	0.2	0.0	0.0	0.0
		21	0.0	0.0	-0.2	0.0	-0.4	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.0
		22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14 (D-D')	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	-0.3	0.0
		3	0.0	0.0	-0.2	0.0	0.0	0.0	0.2	1.0	0.0	0.0	-0.2	0.0	0.2	0.0
		4	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	-0.3	0.0
		5	0.0	0.0	-0.2	0.0	0.0	0.0	0.2	1.0	0.0	0.0	-0.2	0.0	0.2	0.0
		6	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	-0.2	0.0
		7	0.0	0.0	-0.2	0.0	0.0	0.0	0.2	1.0	0.0	0.0	-0.2	0.0	0.2	0.0
		8	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	-0.2	0.0
		9	0.0	0.0	-0.1	0.0	0.0	0.0	0.2	1.0	0.0	0.0	-0.1	0.0	0.2	0.0
		10	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	0.0

11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	-0.1	0.0	0.0	0.0	0.1	1.0	0.0	0.0	-0.1	0.0	0.1	0.0
13	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	0.0
14	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	0.0
15	0.0	0.0	-0.1	0.0	0.0	0.0	0.1	1.0	0.0	0.0	-0.1	0.0	0.1	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0
18	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	-0.3	0.0
19	0.0	0.0	-0.2	0.0	0.0	0.0	0.2	1.0	0.0	0.0	-0.2	0.0	0.2	0.0
20	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	-0.2	0.0
21	0.0	0.0	-0.2	0.0	0.0	0.0	0.2	1.0	0.0	0.0	-0.2	0.0	0.2	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0

14 (D'-E)	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0
		2	0.0	0.0	0.2	0.0	-0.3	0.0	0.0	0.0	0.0	0.2	0.0	-0.8	0.0
		3	0.0	0.0	-0.2	0.0	0.2	0.0	0.7	1.0	0.0	-0.2	0.0	0.7	0.0
		4	0.0	0.0	0.2	0.0	-0.3	0.0	0.0	0.0	0.0	0.2	0.0	-0.8	0.0
		5	0.0	0.0	-0.2	0.0	0.2	0.0	0.7	1.0	0.0	-0.2	0.0	0.7	0.0
		6	0.0	0.0	0.2	0.0	-0.2	0.0	0.0	0.0	0.0	0.2	0.0	-0.6	0.0
		7	0.0	0.0	-0.2	0.0	0.2	0.0	0.5	1.0	0.0	-0.2	0.0	0.5	0.0
		8	0.0	0.0	0.2	0.0	-0.2	0.0	0.0	0.0	0.0	0.2	0.0	-0.6	0.0
		9	0.0	0.0	-0.1	0.0	0.2	0.0	0.5	1.0	0.0	-0.1	0.0	0.5	0.0
		10	0.0	0.0	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	-0.2	0.0
		11	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.0	0.0	0.0	0.0	0.1	0.0
		12	0.0	0.0	-0.1	0.0	0.1	0.0	0.2	1.0	0.0	-0.1	0.0	0.2	0.0
		13	0.0	0.0	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	-0.3	0.0
		14	0.0	0.0	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	-0.3	0.0
		15	0.0	0.0	-0.1	0.0	0.1	0.0	0.2	1.0	0.0	-0.1	0.0	0.2	0.0
		16	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.0	0.0	0.0	0.0	0.1	0.0
		17	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0
		18	0.0	0.0	0.2	0.0	-0.3	0.0	0.0	0.0	0.0	0.2	0.0	-0.8	0.0
		19	0.0	0.0	-0.2	0.0	0.2	0.0	0.7	1.0	0.0	-0.2	0.0	0.7	0.0
		20	0.0	0.0	0.2	0.0	-0.2	0.0	0.0	0.0	0.0	0.2	0.0	-0.6	0.0
		21	0.0	0.0	-0.2	0.0	0.2	0.0	0.5	1.0	0.0	-0.2	0.0	0.5	0.0
		22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0
		23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0
		24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0
		25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0

14 (E-F)	3	1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	0.0
		2	0.0	0.0	0.2	0.0	-0.8	0.0	0.0	0.0	0.0	0.3	0.0	-0.8	0.0
		3	0.0	0.0	-0.2	0.0	0.7	0.0	0.7	1.0	0.0	-0.1	0.0	0.7	0.0
		4	0.0	0.0	0.2	0.0	-0.8	0.0	0.0	0.0	0.0	0.3	0.0	-0.8	0.0

5	0.0	0.0	-0.2	0.0	0.7	0.0	0.7	1.0	0.0	0.0	-0.1	0.0	0.7	0.0
6	0.0	0.0	0.2	0.0	-0.6	0.0	0.0	0.0	0.0	0.0	0.3	0.0	-0.7	0.0
7	0.0	0.0	-0.2	0.0	0.5	0.0	0.6	1.0	0.0	0.0	-0.1	0.0	0.6	0.0
8	0.0	0.0	0.2	0.0	-0.6	0.0	0.0	0.0	0.0	0.0	0.3	0.0	-0.6	0.0
9	0.0	0.0	-0.1	0.0	0.5	0.0	0.5	1.0	0.0	0.0	-0.1	0.0	0.5	0.0
10	0.0	0.0	0.1	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.3	0.0
11	0.0	0.0	0.0	0.0	0.1	0.0	0.1	.55	0.0	0.0	0.0	0.0	0.1	0.0
12	0.0	0.0	-0.1	0.0	0.2	0.0	0.2	.75	0.0	0.0	0.0	0.0	0.2	0.0
13	0.0	0.0	0.1	0.0	-0.3	0.0	0.0	0.0	0.0	0.0	0.2	0.0	-0.3	0.0
14	0.0	0.0	0.1	0.0	-0.3	0.0	0.0	0.0	0.0	0.0	0.2	0.0	-0.3	0.0
15	0.0	0.0	-0.1	0.0	0.2	0.0	0.2	.65	0.0	0.0	0.0	0.0	0.2	0.0
16	0.0	0.0	0.0	0.0	0.1	0.0	0.1	.25	0.0	0.0	0.1	0.0	0.1	0.0
17	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.2	0.0
18	0.0	0.0	0.2	0.0	-0.8	0.0	0.0	0.0	0.0	0.0	0.3	0.0	-0.8	0.0
19	0.0	0.0	-0.2	0.0	0.7	0.0	0.7	1.0	0.0	0.0	-0.2	0.0	0.7	0.0
20	0.0	0.0	0.2	0.0	-0.6	0.0	0.0	0.0	0.0	0.0	0.2	0.0	-0.6	0.0
21	0.0	0.0	-0.2	0.0	0.5	0.0	0.6	1.0	0.0	0.0	-0.1	0.0	0.6	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.05	0.0	0.0	0.1	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	0.0
24	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.2	0.0	0.0	0.0	0.0	0.0	0.0

14 (F-F')	3	1	0.0	0.0	-1.7	0.0	-0.3	0.0	0.4	.4	0.0	0.0	2.3	0.0	-1.0	0.0
		2	0.0	0.0	1.9	0.0	3.1	0.0	3.1	0.0	0.0	0.0	5.4	0.0	-4.2	0.0
		3	0.0	0.0	-4.8	0.0	-3.6	0.0	2.4	1.0	0.0	0.0	-1.3	0.0	2.4	0.0
		4	0.0	0.0	2.1	0.0	3.3	0.0	3.3	0.0	0.0	0.0	5.6	0.0	-4.3	0.0
		5	0.0	0.0	-5.0	0.0	-3.8	0.0	2.6	1.0	0.0	0.0	-1.5	0.0	2.6	0.0
		6	0.0	0.0	1.2	0.0	2.4	0.0	2.4	0.0	0.0	0.0	4.7	0.0	-3.5	0.0
		7	0.0	0.0	-4.1	0.0	-2.9	0.0	1.8	1.0	0.0	0.0	-0.6	0.0	1.8	0.0
		8	0.0	0.0	1.2	0.0	2.3	0.0	2.3	0.0	0.0	0.0	4.7	0.0	-3.4	0.0
		9	0.0	0.0	-4.0	0.0	-2.8	0.0	1.7	1.0	0.0	0.0	-0.5	0.0	1.7	0.0
		10	0.0	0.0	-0.7	0.0	0.5	0.0	0.6	.2	0.0	0.0	2.8	0.0	-1.6	0.0
		11	0.0	0.0	-2.2	0.0	-1.0	0.0	0.4	.6	0.0	0.0	1.3	0.0	-0.1	0.0
		12	0.0	0.0	-2.8	0.0	-1.6	0.0	0.6	.8	0.0	0.0	0.7	0.0	0.5	0.0
		13	0.0	0.0	-0.1	0.0	1.1	0.0	1.1	.05	0.0	0.0	3.4	0.0	-2.2	0.0
		14	0.0	0.0	-0.5	0.0	0.7	0.0	0.7	.15	0.0	0.0	2.9	0.0	-1.7	0.0
		15	0.0	0.0	-2.3	0.0	-1.1	0.0	0.4	.65	0.0	0.0	1.2	0.0	0.0	0.0
		16	0.0	0.0	-2.1	0.0	-0.9	0.0	0.4	.6	0.0	0.0	1.4	0.0	-0.2	0.0
		17	0.0	0.0	-0.7	0.0	0.4	0.0	0.6	.2	0.0	0.0	2.7	0.0	-1.5	0.0
		18	0.0	0.0	2.6	0.0	3.3	0.0	3.3	0.0	0.0	0.0	4.6	0.0	-3.9	0.0
		19	0.0	0.0	-4.3	0.0	-3.6	0.0	2.9	1.0	0.0	0.0	-2.3	0.0	2.9	0.0
		20	0.0	0.0	1.8	0.0	2.5	0.0	2.5	0.0	0.0	0.0	3.8	0.0	-3.1	0.0
		21	0.0	0.0	-3.4	0.0	-2.7	0.0	2.1	1.0	0.0	0.0	-1.5	0.0	2.1	0.0
		22	0.0	0.0	-1.1	0.0	-0.4	0.0	0.2	.55	0.0	0.0	0.9	0.0	-0.2	0.0
		23	0.0	0.0	-0.5	0.0	0.2	0.0	0.3	.25	0.0	0.0	1.5	0.0	-0.8	0.0
		24	0.0	0.0	-0.7	0.0	0.0	0.0	0.2	.35	0.0	0.0	1.3	0.0	-0.6	0.0

		25	0.0	0.0	-0.9	0.0	-0.2	0.0	0.2	.45	0.0	0.0	1.1	0.0	-0.4	0.0
14 (F'-G)	3	1	0.0	0.0	-0.5	0.0	-0.1	0.0	0.0	.55	0.0	0.0	0.4	0.0	-0.1	0.0
		2	0.0	0.0	-11.9	0.0	-3.5	0.0	3.2	1.0	0.0	0.0	-11.0	0.0	3.2	0.0
		3	0.0	0.0	10.9	0.0	3.3	0.0	3.3	0.0	0.0	0.0	11.8	0.0	-3.3	0.0
		4	0.0	0.0	-12.3	0.0	-3.6	0.0	3.3	1.0	0.0	0.0	-11.4	0.0	3.3	0.0
		5	0.0	0.0	11.3	0.0	3.5	0.0	3.5	0.0	0.0	0.0	12.2	0.0	-3.4	0.0
		6	0.0	0.0	-9.6	0.0	-2.8	0.0	2.6	1.0	0.0	0.0	-8.7	0.0	2.6	0.0
		7	0.0	0.0	8.6	0.0	2.6	0.0	2.6	0.0	0.0	0.0	9.5	0.0	-2.6	0.0
		8	0.0	0.0	-9.2	0.0	-2.7	0.0	2.4	1.0	0.0	0.0	-8.3	0.0	2.4	0.0
		9	0.0	0.0	8.2	0.0	2.5	0.0	2.5	0.0	0.0	0.0	9.1	0.0	-2.5	0.0
		10	0.0	0.0	-3.3	0.0	-0.9	0.0	0.8	1.0	0.0	0.0	-2.4	0.0	0.8	0.0
		11	0.0	0.0	2.3	0.0	0.8	0.0	0.8	0.0	0.0	0.0	3.2	0.0	-0.8	0.0
		12	0.0	0.0	3.7	0.0	1.2	0.0	1.2	0.0	0.0	0.0	4.5	0.0	-1.2	0.0
		13	0.0	0.0	-4.6	0.0	-1.3	0.0	1.1	1.0	0.0	0.0	-3.8	0.0	1.1	0.0
		14	0.0	0.0	-3.8	0.0	-1.1	0.0	0.9	1.0	0.0	0.0	-3.0	0.0	0.9	0.0
		15	0.0	0.0	2.9	0.0	0.9	0.0	0.9	0.0	0.0	0.0	3.7	0.0	-1.0	0.0
		16	0.0	0.0	1.5	0.0	0.5	0.0	0.5	0.0	0.0	0.0	2.4	0.0	-0.6	0.0
		17	0.0	0.0	-2.5	0.0	-0.7	0.0	0.5	1.0	0.0	0.0	-1.6	0.0	0.5	0.0
		18	0.0	0.0	-11.9	0.0	-3.5	0.0	3.3	1.0	0.0	0.0	-11.4	0.0	3.3	0.0
		19	0.0	0.0	11.3	0.0	3.4	0.0	3.4	0.0	0.0	0.0	11.8	0.0	-3.3	0.0
		20	0.0	0.0	-9.2	0.0	-2.7	0.0	2.5	1.0	0.0	0.0	-8.7	0.0	2.5	0.0
		21	0.0	0.0	8.6	0.0	2.6	0.0	2.6	0.0	0.0	0.0	9.1	0.0	-2.6	0.0
		22	0.0	0.0	0.4	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.8	0.0	-0.2	0.0
		23	0.0	0.0	-1.0	0.0	-0.2	0.0	0.2	1.0	0.0	0.0	-0.5	0.0	0.2	0.0
		24	0.0	0.0	-1.0	0.0	-0.3	0.0	0.2	1.0	0.0	0.0	-0.5	0.0	0.2	0.0
		25	0.0	0.0	0.4	0.0	0.2	0.0	0.2	0.0	0.0	0.0	0.9	0.0	-0.2	0.0
14 (G-H)	3	1	0.0	0.0	-2.8	0.0	-1.6	0.0	0.9	.5	0.0	0.0	2.5	0.0	-1.2	0.0
		2	0.0	0.0	-0.9	0.0	1.1	0.0	1.4	.2	0.0	0.0	3.7	0.0	-3.7	0.0
		3	0.0	0.0	-3.9	0.0	-4.0	0.0	1.8	.85	0.0	0.0	0.7	0.0	1.6	0.0
		4	0.0	0.0	-0.9	0.0	1.2	0.0	1.5	.2	0.0	0.0	3.8	0.0	-3.8	0.0
		5	0.0	0.0	-4.0	0.0	-4.0	0.0	1.8	.85	0.0	0.0	0.7	0.0	1.7	0.0
		6	0.0	0.0	-1.2	0.0	0.6	0.0	1.1	.25	0.0	0.0	3.4	0.0	-3.2	0.0
		7	0.0	0.0	-3.6	0.0	-3.4	0.0	1.4	.8	0.0	0.0	1.0	0.0	1.0	0.0
		8	0.0	0.0	-1.3	0.0	0.5	0.0	1.1	.3	0.0	0.0	3.3	0.0	-3.1	0.0
		9	0.0	0.0	-3.6	0.0	-3.3	0.0	1.4	.75	0.0	0.0	1.1	0.0	0.9	0.0
		10	0.0	0.0	-2.0	0.0	-0.8	0.0	0.8	.45	0.0	0.0	2.6	0.0	-1.7	0.0
		11	0.0	0.0	-2.8	0.0	-2.1	0.0	0.9	.6	0.0	0.0	1.8	0.0	-0.4	0.0
		12	0.0	0.0	-3.0	0.0	-2.3	0.0	0.9	.65	0.0	0.0	1.7	0.0	-0.1	0.0
		13	0.0	0.0	-1.9	0.0	-0.5	0.0	0.8	.4	0.0	0.0	2.7	0.0	-2.0	0.0
		14	0.0	0.0	-2.0	0.0	-0.7	0.0	0.8	.45	0.0	0.0	2.7	0.0	-1.9	0.0
		15	0.0	0.0	-2.9	0.0	-2.2	0.0	0.9	.6	0.0	0.0	1.8	0.0	-0.3	0.0
		16	0.0	0.0	-2.7	0.0	-1.8	0.0	0.8	.6	0.0	0.0	2.0	0.0	-0.6	0.0
		17	0.0	0.0	-2.2	0.0	-1.0	0.0	0.7	.45	0.0	0.0	2.5	0.0	-1.5	0.0
		18	0.0	0.0	0.1	0.0	1.8	0.0	1.8	0.0	0.0	0.0	2.8	0.0	-3.3	0.0

		19	0.0	0.0	-2.9	0.0	-3.4	0.0	2.1	1.0	0.0	0.0	-0.2	0.0	2.1	0.0
		20	0.0	0.0	-0.2	0.0	1.1	0.0	1.2	.1	0.0	0.0	2.4	0.0	-2.7	0.0
		21	0.0	0.0	-2.6	0.0	-2.8	0.0	1.4	.95	0.0	0.0	0.1	0.0	1.4	0.0
		22	0.0	0.0	-1.5	0.0	-0.9	0.0	0.4	.55	0.0	0.0	1.2	0.0	-0.5	0.0
		23	0.0	0.0	-1.3	0.0	-0.7	0.0	0.4	.5	0.0	0.0	1.4	0.0	-0.7	0.0
		24	0.0	0.0	-1.3	0.0	-0.6	0.0	0.4	.5	0.0	0.0	1.4	0.0	-0.8	0.0
		25	0.0	0.0	-1.5	0.0	-1.0	0.0	0.5	.55	0.0	0.0	1.2	0.0	-0.4	0.0
15 (B-C)	3	1	0.0	0.0	-3.4	0.0	-0.2	0.0	3.6	1.0	0.0	0.0	-1.9	0.0	3.6	0.0
		2	0.0	0.0	-2.9	0.0	-0.1	0.0	3.2	1.0	0.0	0.0	-1.6	0.0	3.2	0.0
		3	0.0	0.0	-3.0	0.0	-0.2	0.0	3.1	1.0	0.0	0.0	-1.6	0.0	3.1	0.0
		4	0.0	0.0	-2.9	0.0	-0.1	0.0	3.2	1.0	0.0	0.0	-1.6	0.0	3.2	0.0
		5	0.0	0.0	-3.0	0.0	-0.2	0.0	3.1	1.0	0.0	0.0	-1.6	0.0	3.1	0.0
		6	0.0	0.0	-2.9	0.0	-0.1	0.0	3.2	1.0	0.0	0.0	-1.6	0.0	3.2	0.0
		7	0.0	0.0	-3.0	0.0	-0.2	0.0	3.1	1.0	0.0	0.0	-1.6	0.0	3.1	0.0
		8	0.0	0.0	-2.9	0.0	-0.1	0.0	3.2	1.0	0.0	0.0	-1.6	0.0	3.2	0.0
		9	0.0	0.0	-3.0	0.0	-0.2	0.0	3.1	1.0	0.0	0.0	-1.6	0.0	3.1	0.0
		10	0.0	0.0	-3.0	0.0	-0.1	0.0	3.1	1.0	0.0	0.0	-1.6	0.0	3.1	0.0
		11	0.0	0.0	-3.0	0.0	-0.2	0.0	3.1	1.0	0.0	0.0	-1.6	0.0	3.1	0.0
		12	0.0	0.0	-3.0	0.0	-0.2	0.0	3.1	1.0	0.0	0.0	-1.6	0.0	3.1	0.0
		13	0.0	0.0	-3.0	0.0	-0.1	0.0	3.1	1.0	0.0	0.0	-1.6	0.0	3.1	0.0
		14	0.0	0.0	-3.0	0.0	-0.1	0.0	3.1	1.0	0.0	0.0	-1.6	0.0	3.1	0.0
		15	0.0	0.0	-3.0	0.0	-0.2	0.0	3.1	1.0	0.0	0.0	-1.6	0.0	3.1	0.0
		16	0.0	0.0	-3.0	0.0	-0.2	0.0	3.1	1.0	0.0	0.0	-1.6	0.0	3.1	0.0
		17	0.0	0.0	-3.0	0.0	-0.1	0.0	3.1	1.0	0.0	0.0	-1.6	0.0	3.1	0.0
		18	0.0	0.0	-1.6	0.0	0.0	0.0	1.8	1.0	0.0	0.0	-0.9	0.0	1.8	0.0
		19	0.0	0.0	-1.7	0.0	-0.1	0.0	1.7	1.0	0.0	0.0	-0.9	0.0	1.7	0.0
		20	0.0	0.0	-1.6	0.0	-0.1	0.0	1.8	1.0	0.0	0.0	-0.9	0.0	1.8	0.0
		21	0.0	0.0	-1.7	0.0	-0.1	0.0	1.7	1.0	0.0	0.0	-0.9	0.0	1.7	0.0
		22	0.0	0.0	-1.7	0.0	-0.1	0.0	1.7	1.0	0.0	0.0	-0.9	0.0	1.7	0.0
		23	0.0	0.0	-1.7	0.0	-0.1	0.0	1.8	1.0	0.0	0.0	-0.9	0.0	1.8	0.0
		24	0.0	0.0	-1.6	0.0	-0.1	0.0	1.8	1.0	0.0	0.0	-0.9	0.0	1.8	0.0
		25	0.0	0.0	-1.7	0.0	-0.1	0.0	1.8	1.0	0.0	0.0	-0.9	0.0	1.8	0.0
15 (C-D)	3	1	0.0	0.0	-1.9	0.0	3.6	0.0	5.2	.75	0.0	0.0	0.6	0.0	5.0	0.0
		2	0.0	0.0	-1.6	0.0	3.2	0.0	4.5	.75	0.0	0.0	0.6	0.0	4.4	0.0
		3	0.0	0.0	-1.6	0.0	3.1	0.0	4.5	.75	0.0	0.0	0.5	0.0	4.4	0.0
		4	0.0	0.0	-1.6	0.0	3.2	0.0	4.5	.75	0.0	0.0	0.6	0.0	4.4	0.0
		5	0.0	0.0	-1.6	0.0	3.1	0.0	4.5	.75	0.0	0.0	0.5	0.0	4.4	0.0
		6	0.0	0.0	-1.6	0.0	3.2	0.0	4.5	.75	0.0	0.0	0.6	0.0	4.4	0.0
		7	0.0	0.0	-1.6	0.0	3.1	0.0	4.5	.75	0.0	0.0	0.5	0.0	4.4	0.0
		8	0.0	0.0	-1.6	0.0	3.2	0.0	4.5	.75	0.0	0.0	0.6	0.0	4.4	0.0
		9	0.0	0.0	-1.6	0.0	3.1	0.0	4.5	.75	0.0	0.0	0.5	0.0	4.4	0.0
		10	0.0	0.0	-1.6	0.0	3.1	0.0	4.5	.75	0.0	0.0	0.5	0.0	4.4	0.0
		11	0.0	0.0	-1.6	0.0	3.1	0.0	4.5	.75	0.0	0.0	0.5	0.0	4.4	0.0
		12	0.0	0.0	-1.6	0.0	3.1	0.0	4.5	.75	0.0	0.0	0.5	0.0	4.4	0.0



13	0.0	0.0	-1.6	0.0	3.1	0.0	4.5	.75	0.0	0.0	0.5	0.0	4.4	0.0
14	0.0	0.0	-1.6	0.0	3.1	0.0	4.5	.75	0.0	0.0	0.5	0.0	4.4	0.0
15	0.0	0.0	-1.6	0.0	3.1	0.0	4.5	.75	0.0	0.0	0.5	0.0	4.4	0.0
16	0.0	0.0	-1.6	0.0	3.1	0.0	4.5	.75	0.0	0.0	0.5	0.0	4.4	0.0
17	0.0	0.0	-1.6	0.0	3.1	0.0	4.5	.75	0.0	0.0	0.5	0.0	4.4	0.0
18	0.0	0.0	-0.9	0.0	1.8	0.0	2.5	.75	0.0	0.0	0.3	0.0	2.4	0.0
19	0.0	0.0	-0.9	0.0	1.7	0.0	2.5	.75	0.0	0.0	0.3	0.0	2.4	0.0
20	0.0	0.0	-0.9	0.0	1.8	0.0	2.5	.75	0.0	0.0	0.3	0.0	2.4	0.0
21	0.0	0.0	-0.9	0.0	1.7	0.0	2.5	.75	0.0	0.0	0.3	0.0	2.4	0.0
22	0.0	0.0	-0.9	0.0	1.7	0.0	2.5	.75	0.0	0.0	0.3	0.0	2.4	0.0
23	0.0	0.0	-0.9	0.0	1.8	0.0	2.5	.75	0.0	0.0	0.3	0.0	2.4	0.0
24	0.0	0.0	-0.9	0.0	1.8	0.0	2.5	.75	0.0	0.0	0.3	0.0	2.4	0.0
25	0.0	0.0	-0.9	0.0	1.8	0.0	2.5	.75	0.0	0.0	0.3	0.0	2.4	0.0

15 (D-D')	3	1	0.0	0.0	0.6	0.0	5.0	0.0	5.0	0.0	0.0	0.0	1.9	0.0	3.5	0.0
		2	0.0	0.0	0.6	0.0	4.4	0.0	4.4	0.0	0.0	0.0	1.7	0.0	3.0	0.0
		3	0.0	0.0	0.5	0.0	4.4	0.0	4.4	0.0	0.0	0.0	1.7	0.0	3.1	0.0
		4	0.0	0.0	0.6	0.0	4.4	0.0	4.4	0.0	0.0	0.0	1.7	0.0	3.0	0.0
		5	0.0	0.0	0.5	0.0	4.4	0.0	4.4	0.0	0.0	0.0	1.7	0.0	3.1	0.0
		6	0.0	0.0	0.6	0.0	4.4	0.0	4.4	0.0	0.0	0.0	1.7	0.0	3.0	0.0
		7	0.0	0.0	0.5	0.0	4.4	0.0	4.4	0.0	0.0	0.0	1.7	0.0	3.1	0.0
		8	0.0	0.0	0.6	0.0	4.4	0.0	4.4	0.0	0.0	0.0	1.7	0.0	3.0	0.0
		9	0.0	0.0	0.5	0.0	4.4	0.0	4.4	0.0	0.0	0.0	1.7	0.0	3.1	0.0
		10	0.0	0.0	0.5	0.0	4.4	0.0	4.4	0.0	0.0	0.0	1.7	0.0	3.0	0.0
		11	0.0	0.0	0.5	0.0	4.4	0.0	4.4	0.0	0.0	0.0	1.7	0.0	3.1	0.0
		12	0.0	0.0	0.5	0.0	4.4	0.0	4.4	0.0	0.0	0.0	1.7	0.0	3.0	0.0
		13	0.0	0.0	0.5	0.0	4.4	0.0	4.4	0.0	0.0	0.0	1.7	0.0	3.0	0.0
		14	0.0	0.0	0.5	0.0	4.4	0.0	4.4	0.0	0.0	0.0	1.7	0.0	3.0	0.0
		15	0.0	0.0	0.5	0.0	4.4	0.0	4.4	0.0	0.0	0.0	1.7	0.0	3.1	0.0
		16	0.0	0.0	0.5	0.0	4.4	0.0	4.4	0.0	0.0	0.0	1.7	0.0	3.0	0.0
		17	0.0	0.0	0.5	0.0	4.4	0.0	4.4	0.0	0.0	0.0	1.7	0.0	3.0	0.0
		18	0.0	0.0	0.3	0.0	2.4	0.0	2.4	0.0	0.0	0.0	0.9	0.0	1.7	0.0
		19	0.0	0.0	0.3	0.0	2.4	0.0	2.4	0.0	0.0	0.0	0.9	0.0	1.7	0.0
		20	0.0	0.0	0.3	0.0	2.4	0.0	2.4	0.0	0.0	0.0	0.9	0.0	1.7	0.0
		21	0.0	0.0	0.3	0.0	2.4	0.0	2.4	0.0	0.0	0.0	0.9	0.0	1.7	0.0
		22	0.0	0.0	0.3	0.0	2.4	0.0	2.4	0.0	0.0	0.0	0.9	0.0	1.7	0.0
		23	0.0	0.0	0.3	0.0	2.4	0.0	2.4	0.0	0.0	0.0	0.9	0.0	1.7	0.0
		24	0.0	0.0	0.3	0.0	2.4	0.0	2.4	0.0	0.0	0.0	0.9	0.0	1.7	0.0
		25	0.0	0.0	0.3	0.0	2.4	0.0	2.4	0.0	0.0	0.0	0.9	0.0	1.7	0.0

15 (D'-E)	3	1	0.0	0.0	1.9	0.0	3.5	0.0	3.5	0.0	0.0	0.0	4.4	0.0	-3.8	0.0
		2	0.0	0.0	1.7	0.0	3.0	0.0	3.0	0.0	0.0	0.0	3.8	0.0	-3.4	0.0
		3	0.0	0.0	1.7	0.0	3.1	0.0	3.1	0.0	0.0	0.0	3.8	0.0	-3.3	0.0
		4	0.0	0.0	1.7	0.0	3.0	0.0	3.0	0.0	0.0	0.0	3.8	0.0	-3.4	0.0
		5	0.0	0.0	1.7	0.0	3.1	0.0	3.1	0.0	0.0	0.0	3.8	0.0	-3.3	0.0
		6	0.0	0.0	1.7	0.0	3.0	0.0	3.0	0.0	0.0	0.0	3.8	0.0	-3.4	0.0

7	0.0	0.0	1.7	0.0	3.1	0.0	3.1	0.0	0.0	0.0	3.8	0.0	-3.3	0.0
8	0.0	0.0	1.7	0.0	3.0	0.0	3.0	0.0	0.0	0.0	3.8	0.0	-3.4	0.0
9	0.0	0.0	1.7	0.0	3.1	0.0	3.1	0.0	0.0	0.0	3.8	0.0	-3.3	0.0
10	0.0	0.0	1.7	0.0	3.0	0.0	3.0	0.0	0.0	0.0	3.8	0.0	-3.3	0.0
11	0.0	0.0	1.7	0.0	3.1	0.0	3.1	0.0	0.0	0.0	3.8	0.0	-3.3	0.0
12	0.0	0.0	1.7	0.0	3.0	0.0	3.0	0.0	0.0	0.0	3.8	0.0	-3.3	0.0
13	0.0	0.0	1.7	0.0	3.0	0.0	3.0	0.0	0.0	0.0	3.8	0.0	-3.3	0.0
14	0.0	0.0	1.7	0.0	3.0	0.0	3.0	0.0	0.0	0.0	3.8	0.0	-3.3	0.0
15	0.0	0.0	1.7	0.0	3.1	0.0	3.1	0.0	0.0	0.0	3.8	0.0	-3.3	0.0
16	0.0	0.0	1.7	0.0	3.0	0.0	3.0	0.0	0.0	0.0	3.8	0.0	-3.3	0.0
17	0.0	0.0	1.7	0.0	3.0	0.0	3.0	0.0	0.0	0.0	3.8	0.0	-3.3	0.0
18	0.0	0.0	0.9	0.0	1.7	0.0	1.7	0.0	0.0	0.0	2.2	0.0	-1.9	0.0
19	0.0	0.0	0.9	0.0	1.7	0.0	1.7	0.0	0.0	0.0	2.1	0.0	-1.8	0.0
20	0.0	0.0	0.9	0.0	1.7	0.0	1.7	0.0	0.0	0.0	2.1	0.0	-1.9	0.0
21	0.0	0.0	0.9	0.0	1.7	0.0	1.7	0.0	0.0	0.0	2.1	0.0	-1.8	0.0
22	0.0	0.0	0.9	0.0	1.7	0.0	1.7	0.0	0.0	0.0	2.1	0.0	-1.9	0.0
23	0.0	0.0	0.9	0.0	1.7	0.0	1.7	0.0	0.0	0.0	2.1	0.0	-1.9	0.0
24	0.0	0.0	0.9	0.0	1.7	0.0	1.7	0.0	0.0	0.0	2.1	0.0	-1.9	0.0
25	0.0	0.0	0.9	0.0	1.7	0.0	1.7	0.0	0.0	0.0	2.1	0.0	-1.8	0.0
15 (E-F)	3	1	0.0	0.0	4.4	0.0	-3.8	0.0	0.0	0.0	4.4	0.0	-4.9	0.0
		2	0.0	0.0	3.8	0.0	-3.4	0.0	0.0	0.0	3.9	0.0	-4.3	0.0
		3	0.0	0.0	3.8	0.0	-3.3	0.0	0.0	0.0	3.8	0.0	-4.2	0.0
		4	0.0	0.0	3.8	0.0	-3.4	0.0	0.0	0.0	3.9	0.0	-4.3	0.0
		5	0.0	0.0	3.8	0.0	-3.3	0.0	0.0	0.0	3.8	0.0	-4.2	0.0
		6	0.0	0.0	3.8	0.0	-3.4	0.0	0.0	0.0	3.9	0.0	-4.3	0.0
		7	0.0	0.0	3.8	0.0	-3.3	0.0	0.0	0.0	3.9	0.0	-4.2	0.0
		8	0.0	0.0	3.8	0.0	-3.4	0.0	0.0	0.0	3.9	0.0	-4.3	0.0
		9	0.0	0.0	3.8	0.0	-3.3	0.0	0.0	0.0	3.9	0.0	-4.2	0.0
		10	0.0	0.0	3.8	0.0	-3.3	0.0	0.0	0.0	3.9	0.0	-4.3	0.0
		11	0.0	0.0	3.8	0.0	-3.3	0.0	0.0	0.0	3.9	0.0	-4.3	0.0
		12	0.0	0.0	3.8	0.0	-3.3	0.0	0.0	0.0	3.9	0.0	-4.3	0.0
		13	0.0	0.0	3.8	0.0	-3.3	0.0	0.0	0.0	3.9	0.0	-4.3	0.0
		14	0.0	0.0	3.8	0.0	-3.3	0.0	0.0	0.0	3.9	0.0	-4.3	0.0
		15	0.0	0.0	3.8	0.0	-3.3	0.0	0.0	0.0	3.9	0.0	-4.3	0.0
		16	0.0	0.0	3.8	0.0	-3.3	0.0	0.0	0.0	3.9	0.0	-4.3	0.0
		17	0.0	0.0	3.8	0.0	-3.3	0.0	0.0	0.0	3.9	0.0	-4.3	0.0
		18	0.0	0.0	2.2	0.0	-1.9	0.0	0.0	0.0	2.2	0.0	-2.4	0.0
		19	0.0	0.0	2.1	0.0	-1.8	0.0	0.0	0.0	2.1	0.0	-2.3	0.0
		20	0.0	0.0	2.1	0.0	-1.9	0.0	0.0	0.0	2.2	0.0	-2.4	0.0
		21	0.0	0.0	2.1	0.0	-1.8	0.0	0.0	0.0	2.1	0.0	-2.4	0.0
		22	0.0	0.0	2.1	0.0	-1.9	0.0	0.0	0.0	2.2	0.0	-2.4	0.0
		23	0.0	0.0	2.1	0.0	-1.9	0.0	0.0	0.0	2.2	0.0	-2.4	0.0
		24	0.0	0.0	2.1	0.0	-1.9	0.0	0.0	0.0	2.2	0.0	-2.4	0.0
		25	0.0	0.0	2.1	0.0	-1.8	0.0	0.0	0.0	2.2	0.0	-2.4	0.0

15 (F-F')	3	1	0.0	0.0	-2.5	0.1	-4.9	0.0	0.0	0.0	0.0	0.0	-1.2	0.1	-0.8	0.0	
		2	0.0	0.0	-2.2	0.1	-4.3	0.0	0.0	0.0	0.0	0.0	0.0	-1.1	0.1	-0.7	0.0
		3	0.0	0.0	-2.2	0.1	-4.2	0.0	0.0	0.0	0.0	0.0	0.0	-1.1	0.1	-0.7	0.0
		4	0.0	0.0	-2.2	0.1	-4.3	0.0	0.0	0.0	0.0	0.0	0.0	-1.1	0.1	-0.7	0.0
		5	0.0	0.0	-2.2	0.1	-4.2	0.0	0.0	0.0	0.0	0.0	0.0	-1.1	0.1	-0.7	0.0
		6	0.0	0.0	-2.2	0.1	-4.3	0.0	0.0	0.0	0.0	0.0	0.0	-1.1	0.1	-0.7	0.0
		7	0.0	0.0	-2.2	0.1	-4.2	0.0	0.0	0.0	0.0	0.0	0.0	-1.1	0.1	-0.7	0.0
		8	0.0	0.0	-2.2	0.1	-4.3	0.0	0.0	0.0	0.0	0.0	0.0	-1.1	0.1	-0.7	0.0
		9	0.0	0.0	-2.2	0.1	-4.2	0.0	0.0	0.0	0.0	0.0	0.0	-1.1	0.1	-0.7	0.0
		10	0.0	0.0	-2.2	0.1	-4.3	0.0	0.0	0.0	0.0	0.0	0.0	-1.1	0.1	-0.7	0.0
		11	0.0	0.0	-2.2	0.1	-4.2	0.0	0.0	0.0	0.0	0.0	0.0	-1.1	0.1	-0.7	0.0
		12	0.0	0.0	-2.2	0.1	-4.2	0.0	0.0	0.0	0.0	0.0	0.0	-1.1	0.1	-0.7	0.0
		13	0.0	0.0	-2.2	0.1	-4.3	0.0	0.0	0.0	0.0	0.0	0.0	-1.1	0.1	-0.7	0.0
		14	0.0	0.0	-2.2	0.1	-4.3	0.0	0.0	0.0	0.0	0.0	0.0	-1.1	0.1	-0.7	0.0
		15	0.0	0.0	-2.2	0.1	-4.2	0.0	0.0	0.0	0.0	0.0	0.0	-1.1	0.1	-0.7	0.0
		16	0.0	0.0	-2.2	0.1	-4.3	0.0	0.0	0.0	0.0	0.0	0.0	-1.1	0.1	-0.7	0.0
		17	0.0	0.0	-2.2	0.1	-4.3	0.0	0.0	0.0	0.0	0.0	0.0	-1.1	0.1	-0.7	0.0
		18	0.0	0.0	-1.2	0.0	-2.4	0.0	0.0	0.0	0.0	0.0	0.0	-0.6	0.0	-0.4	0.0
		19	0.0	0.0	-1.3	0.0	-2.4	0.0	0.0	0.0	0.0	0.0	0.0	-0.6	0.0	-0.3	0.0
		20	0.0	0.0	-1.2	0.0	-2.4	0.0	0.0	0.0	0.0	0.0	0.0	-0.6	0.0	-0.4	0.0
		21	0.0	0.0	-1.2	0.0	-2.4	0.0	0.0	0.0	0.0	0.0	0.0	-0.6	0.0	-0.3	0.0
		22	0.0	0.0	-1.2	0.0	-2.4	0.0	0.0	0.0	0.0	0.0	0.0	-0.6	0.0	-0.4	0.0
		23	0.0	0.0	-1.2	0.0	-2.4	0.0	0.0	0.0	0.0	0.0	0.0	-0.6	0.0	-0.4	0.0
		24	0.0	0.0	-1.2	0.0	-2.4	0.0	0.0	0.0	0.0	0.0	0.0	-0.6	0.0	-0.4	0.0
		25	0.0	0.0	-1.2	0.0	-2.4	0.0	0.0	0.0	0.0	0.0	0.0	-0.6	0.0	-0.4	0.0
15 (F'-G)	3	1	0.0	0.0	-1.2	0.1	-0.8	0.0	0.0	0.0	0.0	0.0	-0.8	0.1	-0.1	0.0	
		2	0.0	0.0	-1.1	0.1	-0.7	0.0	0.0	0.0	0.0	0.0	-0.7	0.1	-0.1	0.0	
		3	0.0	0.0	-1.1	0.1	-0.7	0.0	0.0	0.0	0.0	0.0	-0.7	0.1	0.0	0.0	
		4	0.0	0.0	-1.1	0.1	-0.7	0.0	0.0	0.0	0.0	0.0	-0.7	0.1	-0.1	0.0	
		5	0.0	0.0	-1.1	0.1	-0.7	0.0	0.0	0.0	0.0	0.0	-0.7	0.1	0.0	0.0	
		6	0.0	0.0	-1.1	0.1	-0.7	0.0	0.0	0.0	0.0	0.0	-0.7	0.1	-0.1	0.0	
		7	0.0	0.0	-1.1	0.1	-0.7	0.0	0.0	0.0	0.0	0.0	-0.7	0.1	0.0	0.0	
		8	0.0	0.0	-1.1	0.1	-0.7	0.0	0.0	0.0	0.0	0.0	-0.7	0.1	-0.1	0.0	
		9	0.0	0.0	-1.1	0.1	-0.7	0.0	0.0	0.0	0.0	0.0	-0.7	0.1	0.0	0.0	
		10	0.0	0.0	-1.1	0.1	-0.7	0.0	0.0	0.0	0.0	0.0	-0.7	0.1	-0.1	0.0	
		11	0.0	0.0	-1.1	0.1	-0.7	0.0	0.0	0.0	0.0	0.0	-0.7	0.1	0.0	0.0	
		12	0.0	0.0	-1.1	0.1	-0.7	0.0	0.0	0.0	0.0	0.0	-0.7	0.1	0.0	0.0	
		13	0.0	0.0	-1.1	0.1	-0.7	0.0	0.0	0.0	0.0	0.0	-0.7	0.1	-0.1	0.0	
		14	0.0	0.0	-1.1	0.1	-0.7	0.0	0.0	0.0	0.0	0.0	-0.7	0.1	-0.1	0.0	
		15	0.0	0.0	-1.1	0.1	-0.7	0.0	0.0	0.0	0.0	0.0	-0.7	0.1	0.0	0.0	
		16	0.0	0.0	-1.1	0.1	-0.7	0.0	0.0	0.0	0.0	0.0	-0.7	0.1	0.0	0.0	
17	0.0	0.0	-1.1	0.1	-0.7	0.0	0.0	0.0	0.0	0.0	-0.7	0.1	-0.1	0.0			
18	0.0	0.0	-0.6	0.0	-0.4	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	-0.1	0.0			
19	0.0	0.0	-0.6	0.0	-0.3	0.0	0.0	1.0	0.0	0.0	-0.4	0.0	0.0	0.0			
20	0.0	0.0	-0.6	0.0	-0.4	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	-0.1	0.0			

21	0.0	0.0	-0.6	0.0	-0.3	0.0	0.0	1.0	0.0	0.0	-0.4	0.0	0.0	0.0
22	0.0	0.0	-0.6	0.0	-0.4	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	0.0	0.0
23	0.0	0.0	-0.6	0.0	-0.4	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	0.0	0.0
24	0.0	0.0	-0.6	0.0	-0.4	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	0.0	0.0
25	0.0	0.0	-0.6	0.0	-0.4	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	0.0	0.0

Linear Analysis- Wall End Forces

Units: ton, ton-m

Wall	Story	System	LdComb	BOTTOM			TOP		
				Axial	Shear	Moment	Axial	Shear	Moment
14 (F'-G)	1	GL	1	4.2	-1.9	4.5	4.2	-1.9	-1.5
			2	-20.9	-16.5	47.8	-20.9	-16.5	-4.9
			3	29.0	13.2	-39.8	29.0	13.2	2.5
			4	-20.7	-16.9	49.0	-20.7	-16.9	-5.0
			5	28.7	13.6	-41.0	28.7	13.6	2.6
			6	-15.7	-13.1	38.1	-15.7	-13.1	-3.6
			7	23.7	9.8	-30.2	23.7	9.8	1.2
			8	-13.7	-12.4	36.1	-13.7	-12.4	-3.4
			9	21.7	9.1	-28.2	21.7	9.1	1.0
			10	-3.9	-5.5	15.3	-3.9	-5.5	-2.2
			11	11.9	2.2	-7.4	11.9	2.2	-0.3
			12	11.0	3.6	-11.3	11.0	3.6	0.1
			13	-3.0	-6.8	19.3	-3.0	-6.8	-2.5
			14	-5.0	-6.1	17.3	-5.0	-6.1	-2.3
			15	13.0	2.9	-9.3	13.0	2.9	-0.1
			16	6.2	0.5	-2.6	6.2	0.5	-0.9
			17	1.8	-3.8	10.6	1.8	-3.8	-1.5
			18	-22.1	-16.0	46.7	-22.1	-16.0	-4.4
			19	27.6	14.1	-42.1	27.6	14.1	3.1
			20	-15.9	-12.0	35.4	-15.9	-12.0	-2.9
			21	21.5	10.2	-30.9	21.5	10.2	1.7
			22	2.4	-0.2	0.3	2.4	-0.2	-0.5
			23	3.2	-1.6	4.3	3.2	-1.6	-0.8
			24	-0.6	-2.1	5.6	-0.6	-2.1	-1.0
			25	6.2	0.3	-1.1	6.2	0.3	-0.2
14 (F'-G)	2	GL	1	4.7	0.0	0.4	4.7	0.0	0.4
			2	1.6	-7.0	16.7	1.6	-7.0	-5.8

3	6.8	7.0	-16.1	6.8	7.0	6.5
4	1.8	-7.3	17.3	1.8	-7.3	-6.0
5	6.6	7.3	-16.6	6.6	7.3	6.7
6	1.9	-5.7	13.6	1.9	-5.7	-4.6
7	6.4	5.7	-12.9	6.4	5.7	5.3
8	2.2	-5.5	13.0	2.2	-5.5	-4.4
9	6.2	5.5	-12.4	6.2	5.5	5.1
10	3.2	-1.7	4.4	3.2	-1.7	-1.1
11	5.2	1.7	-3.7	5.2	1.7	1.9
12	4.7	2.6	-5.6	4.7	2.6	2.6
13	3.7	-2.5	6.3	3.7	-2.5	-1.9
14	3.1	-2.1	5.2	3.1	-2.1	-1.4
15	5.3	2.1	-4.5	5.3	2.1	2.1
16	4.3	1.3	-2.6	4.3	1.3	1.5
17	4.0	-1.3	3.3	4.0	-1.3	-0.8
18	0.0	-7.1	16.8	0.0	-7.1	-6.0
19	5.0	7.2	-16.5	5.0	7.2	6.5
20	0.4	-5.6	13.2	0.4	-5.6	-4.6
21	4.6	5.6	-12.8	4.6	5.6	5.1
22	2.3	0.4	-0.7	2.3	0.4	0.6
23	2.8	-0.4	1.1	2.8	-0.4	-0.1
24	2.1	-0.4	1.1	2.1	-0.4	-0.1
25	3.0	0.4	-0.8	3.0	0.4	0.6

Linear Analysis- Support Reactions

Support		Load	Force (ton)			Moment (ton-m)		
Axis	Floor	LdComb	Fx	Fy	Fz	Mx	My	Mz
B-2	1	1	-0.46	0.17	8.77	-0.14	-0.44	0.00
		2	1.26	0.58	6.67	-0.94	3.02	0.00
		3	-2.09	-0.27	9.90	0.68	-3.81	0.00
		4	1.21	-0.48	5.28	1.19	2.91	0.00
		5	-2.04	0.79	11.28	-1.45	-3.70	0.00
		6	1.74	0.83	6.40	-1.44	4.02	0.00
		7	-2.57	-0.52	10.17	1.18	-4.81	0.00
		8	1.86	-0.14	4.92	0.52	4.24	0.00
		9	-2.69	0.45	11.65	-0.78	-5.04	0.00
		10	0.16	1.88	9.90	-3.61	0.79	0.00
		11	-0.99	-1.58	6.67	3.35	-1.59	0.00

		12	-0.83	1.95	11.28	-3.76	-1.22	0.00
		13	0.00	-1.64	5.29	3.51	0.43	0.00
		14	0.06	1.82	9.96	-3.49	0.58	0.00
		15	-0.89	-1.52	6.61	3.24	-1.38	0.00
		16	-1.27	1.71	11.53	-3.29	-2.14	0.00
		17	0.44	-1.40	5.04	3.04	1.34	0.00
		18	1.40	0.00	3.29	0.17	3.12	0.00
		19	-1.90	0.20	7.91	-0.34	-3.60	0.00
		20	1.97	0.29	2.98	-0.42	4.29	0.00
		21	-2.47	-0.09	8.23	0.24	-4.77	0.00
		22	-0.17	1.86	7.91	-3.64	-0.06	0.00
		23	-0.33	-1.66	3.29	3.47	-0.43	0.00
		24	-0.44	1.72	8.06	-3.35	-0.62	0.00
		25	-0.06	-1.51	3.14	3.18	0.14	0.00
D-2	1	1	0.07	-0.16	16.03	0.18	0.10	0.00
		2	2.26	0.33	15.21	-0.77	4.05	0.00
		3	-2.14	-0.63	14.48	1.10	-3.86	0.00
		4	2.19	-0.72	13.78	1.35	3.92	0.00
		5	-2.07	0.42	15.92	-1.02	-3.73	0.00
		6	2.90	0.46	15.33	-1.03	5.21	0.00
		7	-2.78	-0.76	14.36	1.36	-5.02	0.00
		8	3.05	-0.54	13.93	0.99	5.47	0.00
		9	-2.93	0.24	15.76	-0.66	-5.29	0.00
		10	0.82	1.58	17.14	-3.32	1.47	0.00
		11	-0.70	-1.88	12.56	3.65	-1.29	0.00
		12	-0.48	1.61	17.35	-3.39	-0.86	0.00
		13	0.60	-1.91	12.34	3.72	1.04	0.00
		14	0.68	1.56	17.11	-3.26	1.23	0.00
		15	-0.56	-1.85	12.58	3.59	-1.04	0.00
		16	-1.06	1.49	17.24	-3.15	-1.92	0.00
		17	1.18	-1.79	12.45	3.48	2.10	0.00
		18	2.20	-0.15	9.30	0.23	3.94	0.00
		19	-2.13	-0.05	10.01	-0.02	-3.83	0.00
		20	2.95	0.01	9.44	-0.08	5.30	0.00
		21	-2.88	-0.21	9.87	0.30	-5.19	0.00
		22	0.15	1.65	12.05	-3.41	0.27	0.00
		23	-0.08	-1.85	7.26	3.63	-0.16	0.00
		24	-0.21	1.57	11.99	-3.26	-0.38	0.00
		25	0.29	-1.77	7.32	3.48	0.49	0.00
E-2	1	1	-0.12	-0.50	15.89	0.50	-0.09	0.00
		2	2.09	0.05	15.44	-0.56	3.88	0.00
		3	-2.30	-0.96	13.98	1.48	-4.03	0.00
		4	2.02	-1.00	13.91	1.54	3.75	0.00
		5	-2.23	0.09	15.50	-0.62	-3.90	0.00

6	2.74	0.08	15.47	-0.61	5.04	0.00
7	-2.94	-0.98	13.95	1.53	-5.19	0.00
8	2.89	-0.97	13.95	1.48	5.30	0.00
9	-3.09	0.06	15.47	-0.56	-5.45	0.00
10	0.66	1.29	17.24	-3.03	1.31	0.00
11	-0.87	-2.20	12.18	3.95	-1.46	0.00
12	-0.64	1.30	17.26	-3.05	-1.03	0.00
13	0.43	-2.21	12.16	3.97	0.87	0.00
14	0.52	1.29	17.23	-3.04	1.06	0.00
15	-0.73	-2.20	12.18	3.95	-1.21	0.00
16	-1.23	1.29	17.23	-3.02	-2.09	0.00
17	1.02	-2.19	12.18	3.94	1.94	0.00
18	2.10	-0.30	9.53	0.32	3.84	0.00
19	-2.22	-0.27	9.59	0.26	-3.94	0.00
20	2.85	-0.28	9.56	0.27	5.20	0.00
21	-2.98	-0.29	9.56	0.31	-5.29	0.00
22	0.05	1.46	12.10	-3.21	0.17	0.00
23	-0.18	-2.03	7.02	3.79	-0.26	0.00
24	-0.31	1.46	12.08	-3.20	-0.48	0.00
25	0.19	-2.03	7.03	3.78	0.39	0.00

G-2

1

1	0.76	-0.39	17.28	0.37	0.81	0.00
2	2.87	0.19	17.00	-0.78	4.67	0.00
3	-1.50	-0.91	14.95	1.46	-3.21	0.00
4	2.80	-0.84	15.59	1.29	4.54	0.00
5	-1.43	0.12	16.37	-0.60	-3.08	0.00
6	3.51	0.12	16.94	-0.62	5.83	0.00
7	-2.14	-0.83	15.02	1.30	-4.37	0.00
8	3.66	-0.95	15.51	1.51	6.09	0.00
9	-2.29	0.23	16.45	-0.83	-4.63	0.00
10	1.45	1.37	18.42	-3.13	2.11	0.00
11	-0.07	-2.08	13.53	3.81	-0.65	0.00
12	0.15	1.34	18.23	-3.08	-0.21	0.00
13	1.22	-2.06	13.72	3.76	1.68	0.00
14	1.31	1.40	18.43	-3.19	1.87	0.00
15	0.06	-2.11	13.52	3.87	-0.41	0.00
16	-0.43	1.43	18.29	-3.25	-1.27	0.00
17	1.80	-2.15	13.67	3.93	2.73	0.00
18	2.57	-0.19	10.67	0.13	4.32	0.00
19	-1.73	-0.26	10.03	0.31	-3.43	0.00
20	3.32	-0.29	10.60	0.32	5.68	0.00
21	-2.48	-0.17	10.10	0.12	-4.78	0.00
22	0.53	1.48	12.70	-3.22	0.66	0.00
23	0.31	-1.94	8.00	3.66	0.23	0.00
24	0.18	1.54	12.73	-3.34	0.02	0.00
25	0.66	-2.00	7.97	3.78	0.88	0.00

H-2	1	1	0.35	0.34	8.87	-0.41	0.39	0.00
		2	1.99	0.90	11.34	-1.60	3.76	0.00
		3	-1.36	-0.29	5.39	0.86	-3.07	0.00
		4	1.94	-0.12	9.88	0.44	3.66	0.00
		5	-1.32	0.73	6.85	-1.18	-2.96	0.00
		6	2.48	0.71	11.66	-1.21	4.77	0.00
		7	-1.85	-0.09	5.07	0.47	-4.08	0.00
		8	2.59	-0.39	10.32	0.99	5.00	0.00
		9	-1.97	1.00	6.42	-1.73	-4.30	0.00
		10	0.89	2.03	11.48	-3.83	1.54	0.00
		11	-0.26	-1.41	5.26	3.10	-0.84	0.00
		12	-0.10	1.98	10.13	-3.71	-0.48	0.00
		13	0.73	-1.36	6.61	2.97	1.17	0.00
		14	0.79	2.09	11.40	-3.95	1.33	0.00
		15	-0.16	-1.47	5.33	3.21	-0.64	0.00
		16	-0.55	2.18	9.83	-4.11	-1.39	0.00
		17	1.17	-1.56	6.91	3.37	2.09	0.00
		18	1.84	0.27	7.89	-0.44	3.57	0.00
		19	-1.46	0.11	3.40	-0.01	-3.15	0.00
		20	2.41	0.04	8.27	0.04	4.75	0.00
		21	-2.03	0.34	3.02	-0.49	-4.33	0.00
		22	0.27	1.88	8.08	-3.63	0.39	0.00
		23	0.11	-1.50	3.21	3.18	0.03	0.00
		24	0.00	2.01	7.89	-3.88	-0.17	0.00
		25	0.38	-1.63	3.40	3.43	0.59	0.00
B-4	1	1	-0.11	-0.06	18.27	0.10	-0.06	0.00
		2	1.63	0.47	14.68	-0.83	3.48	0.00
		3	-1.79	-0.59	19.09	1.01	-3.54	0.00
		4	1.60	-0.89	14.90	1.62	3.40	0.00
		5	-1.75	0.78	18.87	-1.45	-3.46	0.00
		6	2.02	0.79	14.17	-1.41	4.27	0.00
		7	-2.17	-0.91	19.60	1.58	-4.33	0.00
		8	2.10	-0.46	14.21	0.85	4.44	0.00
		9	-2.26	0.35	19.56	-0.67	-4.50	0.00
		10	0.49	2.18	15.90	-3.91	1.15	0.00
		11	-0.65	-2.29	17.87	4.09	-1.22	0.00
		12	-0.52	2.27	17.16	-4.10	-0.93	0.00
		13	0.37	-2.38	16.62	4.27	0.87	0.00
		14	0.42	2.10	16.01	-3.78	1.00	0.00
		15	-0.57	-2.22	17.76	3.96	-1.06	0.00
		16	-0.86	1.97	17.63	-3.56	-1.63	0.00
		17	0.71	-2.08	16.14	3.74	1.57	0.00
		18	1.67	-0.19	8.84	0.36	3.48	0.00
		19	-1.71	0.12	13.03	-0.25	-3.46	0.00



		20	2.12	0.19	8.24	-0.32	4.40	0.00
		21	-2.15	-0.26	13.63	0.42	-4.37	0.00
		22	0.05	2.25	10.58	-4.04	0.15	0.00
		23	-0.08	-2.31	11.29	4.15	-0.13	0.00
		24	-0.16	2.06	10.87	-3.70	-0.28	0.00
		25	0.13	-2.13	11.00	3.81	0.30	0.00
D-4	1	1	0.40	0.28	22.93	-0.28	0.46	0.00
		2	2.61	0.85	20.78	-1.30	4.48	0.00
		3	-1.91	-0.33	21.27	0.79	-3.67	0.00
		4	2.55	-0.49	20.99	1.11	4.37	0.00
		5	-1.85	1.01	21.06	-1.62	-3.56	0.00
		6	3.11	1.02	20.72	-1.61	5.39	0.00
		7	-2.41	-0.50	21.33	1.09	-4.58	0.00
		8	3.22	-0.26	20.91	0.70	5.58	0.00
		9	-2.52	0.78	21.14	-1.22	-4.77	0.00
		10	1.12	2.47	20.64	-4.23	1.79	0.00
		11	-0.42	-1.94	21.41	3.71	-0.98	0.00
		12	-0.22	2.51	20.72	-4.32	-0.62	0.00
		13	0.92	-1.99	21.33	3.81	1.43	0.00
		14	1.02	2.43	20.65	-4.16	1.61	0.00
		15	-0.32	-1.91	21.40	3.65	-0.80	0.00
		16	-0.67	2.36	20.77	-4.05	-1.44	0.00
		17	1.37	-1.84	21.28	3.53	2.25	0.00
		18	2.43	0.09	13.24	-0.01	4.25	0.00
		19	-2.03	0.25	13.53	-0.33	-3.79	0.00
		20	3.01	0.29	13.18	-0.36	5.32	0.00
		21	-2.61	0.05	13.59	0.03	-4.85	0.00
		22	0.30	2.40	13.04	-4.18	0.41	0.00
		23	0.10	-2.06	13.73	3.85	0.05	0.00
		24	0.02	2.30	13.07	-4.01	-0.09	0.00
		25	0.38	-1.96	13.70	3.68	0.55	0.00
E-4	1	1	-0.03	1.96	23.00	-2.02	0.02	0.00
		2	2.22	2.36	20.47	-2.93	4.09	0.00
		3	-2.28	1.23	21.79	-0.78	-4.06	0.00
		4	2.17	1.21	21.76	-0.73	3.99	0.00
		5	-2.23	2.38	20.49	-2.98	-3.95	0.00
		6	2.73	2.39	20.44	-2.99	5.00	0.00
		7	-2.79	1.20	21.82	-0.72	-4.97	0.00
		8	2.84	1.25	21.72	-0.80	5.20	0.00
		9	-2.90	2.34	20.53	-2.91	-5.16	0.00
		10	0.73	3.71	18.96	-5.52	1.39	0.00
		11	-0.79	-0.12	23.29	1.81	-1.36	0.00
		12	-0.61	3.71	18.97	-5.54	-1.02	0.00
		13	0.55	-0.12	23.29	1.83	1.05	0.00

		14	0.63	3.71	18.97	-5.52	1.21	0.00
		15	-0.69	-0.12	23.28	1.81	-1.18	0.00
		16	-1.06	3.70	19.00	-5.50	-1.84	0.00
		17	1.00	-0.10	23.26	1.79	1.87	0.00
		18	2.21	1.13	13.50	-1.16	4.03	0.00
		19	-2.24	1.15	13.52	-1.20	-4.01	0.00
		20	2.80	1.17	13.46	-1.22	5.09	0.00
		21	-2.83	1.12	13.56	-1.14	-5.07	0.00
		22	0.07	3.06	11.35	-4.85	0.18	0.00
		23	-0.11	-0.77	15.67	2.49	-0.16	0.00
		24	-0.20	3.05	11.37	-4.84	-0.32	0.00
		25	0.17	-0.76	15.65	2.48	0.34	0.00
G-4	1	1	-0.11	0.34	22.60	-0.38	-0.06	0.00
		2	2.15	1.02	20.81	-1.63	4.02	0.00
		3	-2.34	-0.40	20.62	0.94	-4.12	0.00
		4	2.10	-0.29	20.99	0.73	3.92	0.00
		5	-2.29	0.91	20.44	-1.42	-4.02	0.00
		6	2.66	0.92	20.87	-1.45	4.93	0.00
		7	-2.85	-0.30	20.56	0.76	-5.02	0.00
		8	2.77	-0.44	21.07	0.99	5.13	0.00
		9	-2.96	1.06	20.37	-1.68	-5.23	0.00
		10	0.65	2.51	20.47	-4.31	1.32	0.00
		11	-0.84	-1.89	20.96	3.62	-1.42	0.00
		12	-0.68	2.48	20.36	-4.24	-1.09	0.00
		13	0.49	-1.86	21.07	3.55	0.99	0.00
		14	0.55	2.55	20.46	-4.37	1.13	0.00
		15	-0.74	-1.93	20.97	3.68	-1.23	0.00
		16	-1.13	2.59	20.31	-4.44	-1.91	0.00
		17	0.94	-1.97	21.12	3.75	1.81	0.00
		18	2.17	0.24	13.37	-0.32	3.99	0.00
		19	-2.28	0.14	13.00	-0.11	-4.05	0.00
		20	2.76	0.12	13.44	-0.10	5.05	0.00
		21	-2.86	0.26	12.93	-0.33	-5.10	0.00
		22	0.03	2.38	12.88	-4.14	0.14	0.00
		23	-0.14	-1.99	13.49	3.72	-0.19	0.00
		24	-0.25	2.45	12.85	-4.28	-0.37	0.00
		25	0.14	-2.07	13.52	3.85	0.31	0.00
H-4	1	1	0.12	0.10	18.62	-0.16	0.18	0.00
		2	1.80	0.87	19.26	-1.57	3.65	0.00
		3	-1.63	-0.69	15.12	1.28	-3.38	0.00
		4	1.76	-0.44	19.32	0.78	3.56	0.00
		5	-1.59	0.62	15.06	-1.06	-3.29	0.00
		6	2.18	0.62	19.77	-1.11	4.44	0.00
		7	-2.01	-0.44	14.61	0.83	-4.17	0.00

8	2.26	-0.79	20.00	1.41	4.61	0.00
9	-2.10	0.97	14.38	-1.69	-4.34	0.00
10	0.66	2.31	17.73	-4.13	1.32	0.00
11	-0.49	-2.13	16.66	3.84	-1.05	0.00
12	-0.36	2.23	16.47	-3.97	-0.76	0.00
13	0.53	-2.06	17.92	3.69	1.03	0.00
14	0.58	2.39	17.62	-4.25	1.16	0.00
15	-0.41	-2.21	16.77	3.97	-0.89	0.00
16	-0.70	2.49	16.00	-4.43	-1.47	0.00
17	0.87	-2.31	18.38	4.14	1.74	0.00
18	1.71	0.18	13.21	-0.33	3.52	0.00
19	-1.67	-0.08	9.01	0.17	-3.42	0.00
20	2.16	-0.12	13.81	0.21	4.44	0.00
21	-2.12	0.22	8.42	-0.37	-4.34	0.00
22	0.09	2.23	11.02	-3.99	0.20	0.00
23	-0.05	-2.13	11.21	3.83	-0.10	0.00
24	-0.12	2.40	10.73	-4.28	-0.24	0.00
25	0.16	-2.30	11.50	4.12	0.34	0.00

B-6

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1	-0.20	-0.25	12.75	0.29	-0.13	0.00
2	1.60	0.30	9.36	-0.66	3.52	0.00
3	-1.98	-0.74	14.31	1.17	-3.78	0.00
4	1.57	-1.04	9.40	1.77	3.46	0.00
5	-1.95	0.60	14.27	-1.26	-3.72	0.00
6	1.89	0.62	8.99	-1.22	4.10	0.00
7	-2.27	-1.05	14.68	1.73	-4.36	0.00
8	1.94	-0.61	8.90	1.01	4.22	0.00
9	-2.32	0.18	14.77	-0.50	-4.48	0.00
10	0.39	1.97	11.03	-3.70	1.06	0.00
11	-0.77	-2.41	12.63	4.21	-1.32	0.00
12	-0.67	2.06	12.51	-3.88	-1.11	0.00
13	0.29	-2.50	11.16	4.39	0.85	0.00
14	0.35	1.90	11.12	-3.57	0.96	0.00
15	-0.72	-2.33	12.55	4.08	-1.22	0.00
16	-0.92	1.77	12.85	-3.35	-1.61	0.00
17	0.54	-2.20	10.81	3.86	1.35	0.00
18	1.64	-0.28	5.28	0.45	3.53	0.00
19	-1.91	0.02	10.18	-0.15	-3.72	0.00
20	1.97	0.09	4.84	-0.21	4.20	0.00
21	-2.24	-0.35	10.62	0.51	-4.39	0.00
22	-0.08	2.11	7.67	-3.90	0.01	0.00
23	-0.18	-2.36	7.79	4.20	-0.20	0.00
24	-0.23	1.92	7.88	-3.56	-0.29	0.00
25	-0.03	-2.18	7.58	3.86	0.10	0.00

D-6

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1	0.31	-0.45	17.39	0.48	0.40	0.00
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2	2.09	0.19	18.44	-0.63	4.03	0.00
3	-1.51	-1.01	13.52	1.49	-3.31	0.00
4	2.06	-1.16	18.29	1.80	3.96	0.00
5	-1.48	0.34	13.67	-0.94	-3.24	0.00
6	2.38	0.37	18.83	-0.93	4.62	0.00
7	-1.80	-1.19	13.13	1.80	-3.89	0.00
8	2.44	-0.93	18.81	1.40	4.73	0.00
9	-1.86	0.12	13.15	-0.53	-4.00	0.00
10	0.88	1.83	16.94	-3.57	1.57	0.00
11	-0.30	-2.65	15.01	4.44	-0.84	0.00
12	-0.19	1.88	15.51	-3.67	-0.61	0.00
13	0.77	-2.69	16.44	4.53	1.34	0.00
14	0.84	1.80	16.86	-3.51	1.47	0.00
15	-0.26	-2.62	15.10	4.38	-0.74	0.00
16	-0.44	1.72	15.16	-3.39	-1.12	0.00
17	1.02	-2.54	16.80	4.25	1.84	0.00
18	1.97	-0.33	12.60	0.42	3.86	0.00
19	-1.60	-0.18	7.83	0.12	-3.41	0.00
20	2.31	-0.13	13.05	0.07	4.54	0.00
21	-1.93	-0.38	7.38	0.47	-4.08	0.00
22	0.24	2.01	10.47	-3.78	0.35	0.00
23	0.13	-2.52	9.96	4.32	0.11	0.00
24	0.10	1.91	10.24	-3.61	0.04	0.00
25	0.28	-2.42	10.18	4.15	0.42	0.00

G-6

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1	-0.60	-0.25	19.56	0.23	-0.53	0.00
2	1.26	0.47	15.42	-1.07	3.18	0.00
3	-2.34	-0.93	20.32	1.49	-4.15	0.00
4	1.24	-0.84	15.52	1.29	3.12	0.00
5	-2.32	0.38	20.22	-0.87	-4.09	0.00
6	1.55	0.37	15.04	-0.89	3.76	0.00
7	-2.63	-0.83	20.69	1.31	-4.73	0.00
8	1.61	-0.98	15.02	1.55	3.89	0.00
9	-2.69	0.52	20.71	-1.13	-4.85	0.00
10	0.04	1.97	16.98	-3.75	0.71	0.00
11	-1.12	-2.43	18.75	4.17	-1.68	0.00
12	-1.03	1.94	18.42	-3.69	-1.47	0.00
13	-0.05	-2.40	17.31	4.11	0.51	0.00
14	-0.01	2.00	17.06	-3.81	0.60	0.00
15	-1.07	-2.47	18.67	4.23	-1.57	0.00
16	-1.28	2.05	18.76	-3.89	-1.98	0.00
17	0.20	-2.51	16.97	4.31	1.02	0.00
18	1.46	-0.10	8.88	0.04	3.34	0.00
19	-2.12	-0.19	13.68	0.24	-3.94	0.00
20	1.79	-0.22	8.45	0.26	4.01	0.00
21	-2.45	-0.07	14.12	0.02	-4.61	0.00

		22	-0.29	2.04	11.11	-3.79	-0.20	0.00
		23	-0.38	-2.33	11.45	4.07	-0.40	0.00
		24	-0.44	2.11	11.33	-3.92	-0.51	0.00
		25	-0.22	-2.41	11.24	4.20	-0.09	0.00
H-6	1	1	0.79	0.02	16.47	-0.07	0.89	0.00
		2	2.50	0.78	17.59	-1.47	4.45	0.00
		3	-1.09	-0.75	12.63	1.35	-2.86	0.00
		4	2.47	-0.51	17.52	0.85	4.39	0.00
		5	-1.06	0.53	12.69	-0.97	-2.79	0.00
		6	2.78	0.53	17.97	-1.02	5.03	0.00
		7	-1.37	-0.51	12.25	0.89	-3.43	0.00
		8	2.84	-0.85	18.03	1.47	5.15	0.00
		9	-1.43	0.87	12.19	-1.60	-3.55	0.00
		10	1.29	2.19	15.96	-4.00	1.99	0.00
		11	0.12	-2.17	14.26	3.87	-0.40	0.00
		12	0.22	2.11	14.49	-3.85	-0.18	0.00
		13	1.19	-2.09	15.73	3.72	1.78	0.00
		14	1.24	2.26	15.87	-4.13	1.88	0.00
		15	0.17	-2.24	14.34	4.00	-0.29	0.00
		16	-0.03	2.36	14.14	-4.30	-0.69	0.00
		17	1.44	-2.34	16.08	4.17	2.29	0.00
		18	2.20	0.13	12.08	-0.28	4.11	0.00
		19	-1.35	-0.12	7.18	0.22	-3.14	0.00
		20	2.53	-0.17	12.52	0.25	4.77	0.00
		21	-1.68	0.18	6.74	-0.32	-3.81	0.00
		22	0.48	2.14	9.74	-3.89	0.59	0.00
		23	0.38	-2.14	9.52	3.83	0.37	0.00
		24	0.33	2.31	9.53	-4.18	0.28	0.00
		25	0.53	-2.30	9.73	4.12	0.68	0.00
B-7	1	1	0.35	-0.04	10.74	0.07	0.42	0.01
		2	2.09	0.47	7.56	-0.83	4.07	0.01
		3	-1.50	-0.54	12.43	0.94	-3.35	0.01
		4	2.06	-0.85	7.59	1.57	4.02	0.01
		5	-1.48	0.78	12.39	-1.45	-3.30	0.01
		6	2.26	0.76	7.34	-1.37	4.43	0.01
		7	-1.68	-0.84	12.65	1.49	-3.71	0.00
		8	2.29	-0.44	7.30	0.82	4.48	0.01
		9	-1.70	0.36	12.69	-0.70	-3.76	0.00
		10	0.87	2.11	9.21	-3.84	1.54	0.01
		11	-0.28	-2.19	10.78	3.95	-0.82	0.01
		12	-0.20	2.21	10.66	-4.02	-0.67	0.01
		13	0.79	-2.28	9.33	4.14	1.39	0.01
		14	0.85	2.02	9.26	-3.68	1.50	0.01
		15	-0.26	-2.10	10.73	3.80	-0.78	0.01

		16	-0.34	1.90	10.87	-3.48	-0.96	0.00
		17	0.93	-1.98	9.12	3.60	1.68	0.01
		18	1.93	-0.18	4.15	0.35	3.88	0.01
		19	-1.63	0.13	8.99	-0.28	-3.49	0.00
		20	2.14	0.18	3.89	-0.30	4.29	0.01
		21	-1.83	-0.22	9.24	0.37	-3.90	0.00
		22	0.19	2.17	6.51	-3.95	0.27	0.00
		23	0.12	-2.22	6.63	4.02	0.12	0.00
		24	0.12	1.98	6.64	-3.61	0.10	0.00
		25	0.19	-2.03	6.50	3.68	0.28	0.01
D-7	1	1	-0.30	-0.22	24.09	0.24	-0.21	0.00
		2	1.80	0.27	23.11	-0.70	3.80	0.00
		3	-2.40	-0.67	20.52	1.14	-4.26	0.00
		4	1.77	-0.78	24.52	1.41	3.76	0.00
		5	-2.38	0.38	19.10	-0.98	-4.21	0.00
		6	2.00	0.40	23.10	-0.97	4.19	0.00
		7	-2.61	-0.81	20.52	1.41	-4.65	0.00
		8	2.03	-0.61	24.52	1.06	4.25	0.00
		9	-2.64	0.20	19.11	-0.62	-4.71	0.00
		10	0.37	1.54	20.05	-3.27	1.06	0.00
		11	-0.97	-1.94	23.57	3.71	-1.51	0.00
		12	-0.88	1.57	18.85	-3.35	-1.35	0.00
		13	0.28	-1.97	24.78	3.79	0.89	0.00
		14	0.35	1.51	20.05	-3.22	1.01	0.00
		15	-0.95	-1.91	23.58	3.65	-1.47	0.00
		16	-1.04	1.45	18.85	-3.11	-1.66	0.00
		17	0.44	-1.85	24.77	3.55	1.21	0.00
		18	1.86	-0.18	15.52	0.27	3.82	0.00
		19	-2.32	-0.07	11.51	0.00	-4.20	0.00
		20	2.09	-0.03	15.51	-0.04	4.26	0.00
		21	-2.55	-0.23	11.52	0.31	-4.64	0.00
		22	-0.19	1.63	11.15	-3.39	-0.11	0.00
		23	-0.27	-1.88	15.88	3.67	-0.27	0.00
		24	-0.28	1.56	11.15	-3.25	-0.29	0.00
		25	-0.18	-1.81	15.88	3.52	-0.09	0.00
G-7	1	1	-0.13	0.06	32.48	-0.10	-0.02	0.00
		2	2.04	0.76	27.47	-1.37	4.06	0.00
		3	-2.18	-0.65	31.20	1.19	-4.03	0.00
		4	2.01	-0.55	27.50	0.99	4.02	0.00
		5	-2.16	0.66	31.17	-1.16	-3.98	0.00
		6	2.24	0.66	27.30	-1.19	4.44	0.00
		7	-2.38	-0.55	31.36	1.01	-4.41	0.00
		8	2.27	-0.69	27.27	1.25	4.51	0.00
		9	-2.42	0.80	31.40	-1.42	-4.48	0.00

		10	0.59	2.25	28.73	-4.04	1.30	0.00
		11	-0.74	-2.14	29.93	3.87	-1.26	0.00
		12	-0.67	2.22	29.84	-3.98	-1.11	0.00
		13	0.52	-2.11	28.82	3.81	1.15	0.00
		14	0.56	2.29	28.77	-4.11	1.24	0.00
		15	-0.71	-2.18	29.90	3.94	-1.20	0.00
		16	-0.83	2.33	30.00	-4.18	-1.44	0.00
		17	0.69	-2.22	28.67	4.01	1.48	0.00
		18	2.11	0.08	16.22	-0.15	4.08	0.00
		19	-2.09	-0.01	19.92	0.05	-3.96	0.00
		20	2.34	-0.04	16.02	0.07	4.52	0.00
		21	-2.32	0.11	20.12	-0.17	-4.40	0.00
		22	0.05	2.22	18.03	-3.98	0.14	0.00
		23	-0.03	-2.15	18.11	3.87	-0.01	0.00
		24	-0.05	2.29	18.12	-4.11	-0.06	0.00
		25	0.07	-2.22	18.02	4.01	0.18	0.00
H-7	1	1	0.73	0.10	17.75	-0.16	0.86	0.00
		2	2.46	0.86	18.63	-1.55	4.50	0.00
		3	-1.15	-0.68	13.67	1.27	-2.97	0.00
		4	2.44	-0.43	18.60	0.77	4.46	0.00
		5	-1.13	0.61	13.70	-1.05	-2.92	0.00
		6	2.64	0.61	18.85	-1.10	4.85	0.00
		7	-1.33	-0.43	13.44	0.81	-3.32	0.00
		8	2.67	-0.77	18.90	1.39	4.92	0.00
		9	-1.36	0.95	13.39	-1.68	-3.38	0.00
		10	1.23	2.27	16.94	-4.08	1.95	0.00
		11	0.08	-2.09	15.36	3.80	-0.41	0.00
		12	0.15	2.20	15.46	-3.93	-0.28	0.00
		13	1.16	-2.02	16.84	3.65	1.81	0.00
		14	1.20	2.34	16.89	-4.21	1.89	0.00
		15	0.11	-2.16	15.41	3.92	-0.35	0.00
		16	0.00	2.45	15.25	-4.38	-0.58	0.00
		17	1.31	-2.27	17.05	4.10	2.12	0.00
		18	2.20	0.17	12.58	-0.33	4.18	0.00
		19	-1.40	-0.07	7.65	0.17	-3.25	0.00
		20	2.40	-0.12	12.84	0.21	4.58	0.00
		21	-1.60	0.22	7.38	-0.37	-3.65	0.00
		22	0.43	2.20	10.16	-3.95	0.53	0.00
		23	0.37	-2.09	10.06	3.78	0.40	0.00
		24	0.34	2.36	10.03	-4.24	0.35	0.00
		25	0.45	-2.25	10.19	4.07	0.58	0.00
B-8	1	1	-0.78	-0.03	9.92	0.05	-1.62	0.02
		2	-0.14	0.46	9.19	-0.82	0.70	0.03
		3	-1.23	-0.52	9.34	0.90	-3.55	0.01

4	-0.15	-0.84	9.16	1.55	0.69	0.03
5	-1.22	0.78	9.37	-1.46	-3.54	0.01
6	-0.13	0.74	9.19	-1.34	0.76	0.03
7	-1.24	-0.81	9.34	1.43	-3.61	0.01
8	-0.13	-0.44	9.16	0.81	0.77	0.03
9	-1.24	0.37	9.37	-0.72	-3.62	0.01
10	-0.51	2.09	9.28	-3.81	-0.76	0.02
11	-0.86	-2.15	9.25	3.89	-2.09	0.02
12	-0.84	2.19	9.34	-4.00	-2.03	0.02
13	-0.53	-2.25	9.20	4.09	-0.82	0.02
14	-0.52	1.99	9.29	-3.64	-0.78	0.02
15	-0.85	-2.06	9.25	3.72	-2.07	0.02
16	-0.85	1.88	9.34	-3.45	-2.09	0.02
17	-0.52	-1.95	9.19	3.54	-0.76	0.02
18	0.14	-0.18	6.04	0.35	1.29	0.02
19	-0.94	0.14	6.22	-0.30	-2.95	0.01
20	0.16	0.17	6.04	-0.28	1.36	0.02
21	-0.95	-0.20	6.22	0.34	-3.02	0.00
22	-0.39	2.15	6.17	-3.92	-0.80	0.01
23	-0.41	-2.19	6.09	3.97	-0.86	0.01
24	-0.40	1.95	6.18	-3.56	-0.84	0.01
25	-0.40	-1.99	6.08	3.61	-0.82	0.01

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1	-0.01	0.01	21.77	-0.04	0.12	0.00
2	1.86	0.72	17.11	-1.32	3.96	0.00
3	-1.90	-0.70	22.43	1.25	-3.77	0.00
4	1.85	-0.60	17.09	1.04	3.95	0.00
5	-1.89	0.62	22.45	-1.11	-3.75	0.00
6	1.93	0.62	17.02	-1.14	4.10	0.00
7	-1.96	-0.60	22.52	1.07	-3.90	0.00
8	1.93	-0.74	16.97	1.30	4.11	0.00
9	-1.97	0.76	22.58	-1.37	-3.92	0.00
10	0.56	2.21	19.00	-4.00	1.28	0.00
11	-0.60	-2.20	20.54	3.93	-1.09	0.00
12	-0.57	2.18	20.61	-3.94	-1.03	0.00
13	0.53	-2.17	18.94	3.87	1.23	0.00
14	0.56	2.25	19.02	-4.07	1.28	0.00
15	-0.59	-2.23	20.52	4.00	-1.08	0.00
16	-0.61	2.29	20.69	-4.14	-1.13	0.00
17	0.57	-2.28	18.85	4.07	1.32	0.00
18	1.85	0.05	9.67	-0.12	3.90	0.00
19	-1.89	-0.05	15.01	0.08	-3.81	0.00
20	1.93	-0.07	9.56	0.10	4.05	0.00
21	-1.97	0.07	15.12	-0.14	-3.96	0.00
22	-0.01	2.19	12.37	-3.96	0.08	0.00
23	-0.04	-2.19	12.31	3.92	0.02	0.00



		24	-0.03	2.27	12.42	-4.09	0.02	0.00
		25	-0.01	-2.26	12.25	4.05	0.07	0.00
H-8	1	1	0.66	0.07	18.24	-0.13	0.81	0.00
		2	2.47	0.83	19.32	-1.53	4.59	0.00
		3	-1.27	-0.71	13.86	1.30	-3.13	0.00
		4	2.46	-0.46	19.28	0.79	4.57	0.00
		5	-1.26	0.58	13.89	-1.03	-3.11	0.00
		6	2.54	0.58	19.40	-1.08	4.72	0.00
		7	-1.34	-0.46	13.77	0.84	-3.26	0.00
		8	2.54	-0.80	19.39	1.42	4.74	0.00
		9	-1.34	0.93	13.78	-1.65	-3.27	0.00
		10	1.17	2.25	17.46	-4.06	1.92	0.00
		11	0.02	-2.12	15.71	3.83	-0.45	0.00
		12	0.05	2.18	15.84	-3.91	-0.39	0.00
		13	1.14	-2.05	17.34	3.68	1.86	0.00
		14	1.17	2.32	17.44	-4.19	1.91	0.00
		15	0.02	-2.20	15.73	3.96	-0.44	0.00
		16	0.01	2.43	15.76	-4.36	-0.49	0.00
		17	1.19	-2.30	17.41	4.13	1.96	0.00
		18	2.24	0.16	13.09	-0.32	4.30	0.00
		19	-1.50	-0.09	7.66	0.18	-3.40	0.00
		20	2.31	-0.14	13.18	0.22	4.45	0.00
		21	-1.57	0.21	7.57	-0.35	-3.55	0.00
		22	0.39	2.19	10.44	-3.94	0.48	0.00
		23	0.36	-2.11	10.31	3.81	0.42	0.00
		24	0.36	2.35	10.39	-4.23	0.43	0.00
		25	0.38	-2.28	10.36	4.09	0.47	0.00
B-9	1	1	-1.16	0.02	11.00	-0.02	-2.32	0.00
		2	-0.59	0.47	10.10	-0.83	-0.06	0.00
		3	-1.46	-0.43	10.39	0.79	-4.02	0.00
		4	-0.59	-0.75	10.67	1.44	-0.06	0.00
		5	-1.46	0.79	9.82	-1.48	-4.03	0.00
		6	-0.63	0.73	9.97	-1.33	-0.15	0.00
		7	-1.42	-0.69	10.52	1.29	-3.93	0.00
		8	-0.63	-0.37	10.50	0.73	-0.16	0.00
		9	-1.42	0.41	9.99	-0.77	-3.93	0.00
		10	-0.90	2.00	9.34	-3.71	-1.46	0.00
		11	-1.15	-1.96	11.15	3.67	-2.63	0.00
		12	-1.16	2.10	9.25	-3.90	-2.65	0.00
		13	-0.89	-2.06	11.24	3.86	-1.44	0.00
		14	-0.90	1.90	9.36	-3.53	-1.47	0.00
		15	-1.15	-1.86	11.13	3.49	-2.62	0.00
		16	-1.14	1.81	9.37	-3.37	-2.60	0.00
		17	-0.91	-1.76	11.12	3.33	-1.49	0.00

		18	-0.16	-0.14	6.88	0.31	0.79	0.00
		19	-1.03	0.18	6.60	-0.34	-3.18	0.00
		20	-0.20	0.18	6.73	-0.29	0.70	0.00
		21	-0.99	-0.14	6.75	0.26	-3.08	0.00
		22	-0.60	2.05	5.79	-3.80	-1.20	0.00
		23	-0.60	-2.01	7.69	3.77	-1.18	0.00
		24	-0.60	1.85	5.86	-3.44	-1.18	0.00
		25	-0.60	-1.81	7.62	3.41	-1.20	0.00
G-9	1	1	0.24	0.22	25.01	-0.26	0.40	0.00
		2	2.12	0.87	19.50	-1.48	4.31	0.00
		3	-1.70	-0.47	25.83	1.02	-3.60	0.00
		4	2.12	-0.38	20.04	0.81	4.32	0.00
		5	-1.70	0.78	25.29	-1.28	-3.61	0.00
		6	2.08	0.78	19.61	-1.31	4.23	0.00
		7	-1.66	-0.38	25.72	0.84	-3.52	0.00
		8	2.05	-0.51	20.18	1.06	4.19	0.00
		9	-1.63	0.91	25.15	-1.53	-3.48	0.00
		10	0.78	2.29	20.91	-4.08	1.53	0.00
		11	-0.36	-1.89	24.43	3.62	-0.82	0.00
		12	-0.37	2.26	22.64	-4.02	-0.84	0.00
		13	0.79	-1.87	22.69	3.56	1.55	0.00
		14	0.80	2.33	20.89	-4.15	1.58	0.00
		15	-0.39	-1.93	24.45	3.68	-0.87	0.00
		16	-0.31	2.37	22.55	-4.22	-0.74	0.00
		17	0.73	-1.97	22.78	3.75	1.45	0.00
		18	2.03	0.17	11.18	-0.24	4.16	0.00
		19	-1.79	0.07	16.97	-0.04	-3.75	0.00
		20	1.98	0.06	11.30	-0.03	4.06	0.00
		21	-1.73	0.19	16.85	-0.25	-3.65	0.00
		22	0.12	2.20	13.18	-3.96	0.20	0.00
		23	0.12	-1.96	14.96	3.68	0.21	0.00
		24	0.16	2.27	13.12	-4.09	0.27	0.00
		25	0.08	-2.03	15.02	3.81	0.14	0.00
H-9	1	1	0.20	0.37	24.05	-0.44	0.36	0.00
		2	2.08	1.06	24.32	-1.76	4.27	0.00
		3	-1.74	-0.40	19.36	0.98	-3.65	0.00
		4	2.08	-0.17	24.85	0.50	4.28	0.00
		5	-1.75	0.83	18.83	-1.28	-3.66	0.00
		6	2.03	0.82	24.37	-1.32	4.18	0.00
		7	-1.70	-0.17	19.31	0.54	-3.56	0.00
		8	2.02	-0.50	24.92	1.11	4.15	0.00
		9	-1.68	1.16	18.76	-1.89	-3.53	0.00
		10	0.73	2.41	21.78	-4.23	1.48	0.00
		11	-0.40	-1.76	21.90	3.45	-0.86	0.00

		12	-0.42	2.35	20.13	-4.09	-0.89	0.00
		13	0.75	-1.69	23.55	3.31	1.51	0.00
		14	0.76	2.49	21.76	-4.36	1.53	0.00
		15	-0.42	-1.83	21.91	3.58	-0.90	0.00
		16	-0.36	2.59	20.08	-4.53	-0.79	0.00
		17	0.69	-1.93	23.59	3.75	1.41	0.00
		18	2.00	0.31	16.35	-0.47	4.13	0.00
		19	-1.83	0.08	10.87	0.01	-3.79	0.00
		20	1.95	0.03	16.41	0.05	4.03	0.00
		21	-1.77	0.36	10.81	-0.52	-3.69	0.00
		22	0.08	2.25	12.72	-4.00	0.16	0.00
		23	0.09	-1.85	14.49	3.54	0.19	0.00
		24	0.12	2.40	12.69	-4.29	0.23	0.00
		25	0.05	-2.01	14.52	3.82	0.11	0.00
B-10	1	1	-0.95	-0.03	10.88	0.02	-1.95	0.00
		2	-0.37	0.41	10.32	-0.77	0.39	-0.01
		3	-1.32	-0.47	9.95	0.82	-3.83	0.00
		4	-0.37	-0.79	9.75	1.48	0.41	-0.01
		5	-1.32	0.74	10.53	-1.43	-3.85	0.00
		6	-0.45	0.66	10.46	-1.25	0.15	0.00
		7	-1.24	-0.72	9.82	1.30	-3.59	-0.01
		8	-0.45	-0.42	9.92	0.78	0.12	0.00
		9	-1.23	0.36	10.35	-0.73	-3.56	-0.01
		10	-0.70	1.93	11.06	-3.63	-1.12	0.00
		11	-0.98	-1.98	9.21	3.67	-2.33	0.00
		12	-0.99	2.02	11.13	-3.82	-2.39	0.00
		13	-0.70	-2.08	9.15	3.87	-1.06	0.00
		14	-0.72	1.82	11.04	-3.44	-1.12	0.00
		15	-0.97	-1.87	9.23	3.48	-2.33	0.00
		16	-0.95	1.73	11.01	-3.28	-2.23	-0.01
		17	-0.73	-1.78	9.27	3.33	-1.22	0.00
		18	-0.02	-0.19	6.58	0.35	1.11	0.00
		19	-0.97	0.14	6.78	-0.31	-3.13	0.00
		20	-0.10	0.12	6.73	-0.24	0.85	0.00
		21	-0.89	-0.17	6.63	0.28	-2.86	0.00
		22	-0.50	1.98	7.64	-3.72	-1.04	0.00
		23	-0.49	-2.03	5.72	3.77	-0.98	0.00
		24	-0.49	1.78	7.57	-3.36	-0.96	0.00
		25	-0.50	-1.82	5.79	3.40	-1.06	0.00
G-10	1	1	0.34	-0.15	24.82	0.12	0.54	0.00
		2	2.26	0.54	19.84	-1.14	4.57	0.00
		3	-1.67	-0.81	25.15	1.36	-3.62	0.00
		4	2.28	-0.71	19.25	1.16	4.60	0.00
		5	-1.68	0.44	25.74	-0.94	-3.65	0.00

6	2.08	0.44	20.04	-0.96	4.20	0.00
7	-1.49	-0.71	24.95	1.18	-3.25	0.00
8	2.02	-0.85	19.51	1.41	4.09	0.00
9	-1.42	0.58	25.48	-1.19	-3.14	0.00
10	0.87	1.96	22.60	-3.74	1.65	0.00
11	-0.27	-2.23	22.39	3.96	-0.70	0.00
12	-0.31	1.93	24.37	-3.68	-0.81	0.00
13	0.91	-2.20	20.62	3.90	1.76	0.00
14	0.93	2.00	22.56	-3.81	1.76	0.00
15	-0.33	-2.27	22.43	4.03	-0.81	0.00
16	-0.12	2.04	24.20	-3.87	-0.44	0.00
17	0.72	-2.31	20.79	4.10	1.39	0.00
18	2.15	-0.04	11.01	-0.03	4.39	0.00
19	-1.80	-0.13	16.91	0.17	-3.83	0.00
20	1.93	-0.15	11.24	0.18	3.95	0.00
21	-1.58	-0.02	16.69	-0.04	-3.39	0.00
22	0.16	2.00	14.95	-3.75	0.22	0.00
23	0.19	-2.16	12.97	3.89	0.33	0.00
24	0.28	2.07	14.85	-3.88	0.46	0.00
25	0.07	-2.24	13.08	4.02	0.09	0.00

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1	-0.33	-0.10	27.46	0.04	-0.14	0.00
2	1.64	0.64	28.28	-1.33	3.93	0.00
3	-2.28	-0.82	21.59	1.41	-4.25	0.00
4	1.66	-0.59	27.79	0.93	3.96	0.00
5	-2.30	0.41	22.08	-0.85	-4.29	0.00
6	1.46	0.41	27.92	-0.89	3.56	0.00
7	-2.10	-0.58	21.95	0.97	-3.88	0.00
8	1.40	-0.92	27.32	1.54	3.45	0.00
9	-2.04	0.74	22.56	-1.46	-3.77	0.00
10	0.25	2.00	26.68	-3.80	1.01	0.00
11	-0.89	-2.17	23.20	3.88	-1.34	0.00
12	-0.93	1.93	24.82	-3.66	-1.45	0.00
13	0.29	-2.11	25.06	3.74	1.13	0.00
14	0.31	2.07	26.75	-3.93	1.12	0.00
15	-0.95	-2.24	23.12	4.01	-1.44	0.00
16	-0.75	2.17	25.14	-4.10	-1.08	0.00
17	0.10	-2.35	24.74	4.18	0.76	0.00
18	1.74	0.06	18.65	-0.21	3.96	0.00
19	-2.20	-0.17	12.45	0.27	-4.25	0.00
20	1.52	-0.22	18.24	0.31	3.52	0.00
21	-1.99	0.11	12.87	-0.25	-3.81	0.00
22	-0.26	1.99	16.36	-3.74	-0.20	0.00
23	-0.21	-2.11	14.75	3.80	-0.09	0.00
24	-0.13	2.15	16.56	-4.02	0.04	0.00
25	-0.34	-2.26	14.55	4.08	-0.33	0.00

B-11	1	1	-1.86	0.07	10.18	-0.08	-3.44	0.05
		2	-1.09	0.51	9.49	-0.88	-0.75	0.04
		3	-2.16	-0.40	9.47	0.74	-5.28	0.05
		4	-1.08	-0.75	9.52	1.43	-0.70	0.04
		5	-2.17	0.86	9.44	-1.57	-5.33	0.05
		6	-1.21	0.77	9.48	-1.36	-1.12	0.04
		7	-2.04	-0.66	9.49	1.22	-4.91	0.05
		8	-1.21	-0.36	9.50	0.71	-1.16	0.04
		9	-2.04	0.47	9.46	-0.85	-4.88	0.05
		10	-1.49	2.10	9.44	-3.81	-2.42	0.05
		11	-1.76	-1.99	9.52	3.67	-3.62	0.05
		12	-1.81	2.21	9.43	-4.01	-3.79	0.05
		13	-1.44	-2.10	9.54	3.87	-2.24	0.04
		14	-1.50	1.98	9.44	-3.61	-2.40	0.05
		15	-1.75	-1.87	9.52	3.47	-3.64	0.05
		16	-1.75	1.90	9.44	-3.45	-3.52	0.05
		17	-1.50	-1.79	9.52	3.31	-2.51	0.05
		18	-0.39	-0.15	6.27	0.31	0.56	0.02
		19	-1.47	0.20	6.22	-0.38	-4.02	0.03
		20	-0.51	0.18	6.25	-0.29	0.15	0.02
		21	-1.35	-0.12	6.24	0.22	-3.61	0.03
		22	-0.95	2.13	6.19	-3.87	-1.82	0.03
		23	-0.91	-2.07	6.29	3.81	-1.64	0.02
		24	-0.93	1.91	6.20	-3.50	-1.67	0.03
		25	-0.93	-1.86	6.28	3.43	-1.79	0.03
G-11	1	1	0.32	0.06	22.08	-0.09	0.54	0.00
		2	2.27	0.76	16.83	-1.37	4.66	0.00
		3	-1.71	-0.65	23.27	1.20	-3.70	0.00
		4	2.31	-0.55	16.87	0.99	4.73	0.00
		5	-1.75	0.66	23.23	-1.15	-3.77	0.00
		6	1.98	0.66	17.24	-1.18	4.07	0.00
		7	-1.43	-0.56	22.86	1.02	-3.11	0.00
		8	1.91	-0.69	17.42	1.25	3.92	0.00
		9	-1.35	0.80	22.68	-1.41	-2.96	0.00
		10	0.82	2.25	19.02	-4.04	1.62	0.00
		11	-0.26	-2.14	21.07	3.88	-0.67	0.00
		12	-0.39	2.22	20.94	-3.98	-0.91	0.00
		13	0.94	-2.11	19.15	3.81	1.86	0.00
		14	0.90	2.29	18.94	-4.11	1.78	0.00
		15	-0.35	-2.18	21.16	3.94	-0.83	0.00
		16	-0.10	2.33	20.57	-4.17	-0.33	0.00
		17	0.65	-2.22	19.53	4.01	1.28	0.00
		18	2.17	0.08	9.30	-0.15	4.49	0.00
		19	-1.85	-0.02	15.70	0.06	-3.94	0.00

		20	1.83	-0.04	9.78	0.07	3.79	0.00
		21	-1.51	0.10	15.22	-0.16	-3.24	0.00
		22	0.10	2.21	12.43	-3.97	0.16	0.00
		23	0.22	-2.15	12.56	3.88	0.39	0.00
		24	0.28	2.29	12.20	-4.11	0.52	0.00
		25	0.04	-2.23	12.79	4.01	0.03	0.00
H-11	1	1	-0.14	0.11	24.20	-0.18	0.07	0.00
		2	1.85	0.87	25.09	-1.57	4.23	0.00
		3	-2.15	-0.67	18.93	1.26	-4.15	0.00
		4	1.88	-0.42	25.18	0.76	4.29	0.00
		5	-2.18	0.62	18.85	-1.07	-4.21	0.00
		6	1.56	0.62	24.71	-1.12	3.64	0.00
		7	-1.86	-0.42	19.32	0.81	-3.56	0.00
		8	1.48	-0.77	24.66	1.39	3.48	0.00
		9	-1.78	0.97	19.36	-1.69	-3.40	0.00
		10	0.41	2.29	22.80	-4.11	1.20	0.00
		11	-0.71	-2.09	21.22	3.80	-1.13	0.00
		12	-0.80	2.22	20.93	-3.96	-1.33	0.00
		13	0.50	-2.02	23.10	3.65	1.40	0.00
		14	0.49	2.37	22.88	-4.24	1.36	0.00
		15	-0.79	-2.17	21.14	3.93	-1.29	0.00
		16	-0.51	2.47	21.28	-4.41	-0.75	0.00
		17	0.21	-2.27	22.74	4.10	0.83	0.00
		18	1.89	0.18	16.90	-0.34	4.21	0.00
		19	-2.14	-0.07	10.66	0.16	-4.24	0.00
		20	1.55	-0.12	16.45	0.20	3.51	0.00
		21	-1.79	0.23	11.11	-0.38	-3.54	0.00
		22	-0.17	2.21	13.63	-3.97	-0.12	0.00
		23	-0.08	-2.10	13.93	3.79	0.08	0.00
		24	0.02	2.38	13.85	-4.26	0.25	0.00
		25	-0.27	-2.26	13.71	4.08	-0.28	0.00
B-12	1	1	-1.06	-0.04	19.07	0.01	-3.16	-0.10
		2	-0.17	0.41	16.99	-0.79	0.02	-0.10
		3	-1.70	-0.47	17.58	0.80	-5.54	-0.08
		4	-0.13	-0.85	16.78	1.52	0.13	-0.10
		5	-1.74	0.80	17.79	-1.51	-5.65	-0.08
		6	-0.35	0.68	17.09	-1.27	-0.54	-0.09
		7	-1.52	-0.73	17.48	1.28	-4.98	-0.08
		8	-0.35	-0.46	16.92	0.80	-0.58	-0.09
		9	-1.52	0.41	17.65	-0.80	-4.94	-0.09
		10	-0.76	2.03	17.51	-3.74	-2.09	-0.09
		11	-1.11	-2.08	17.06	3.74	-3.43	-0.09
		12	-1.23	2.15	17.75	-3.95	-3.79	-0.09
		13	-0.64	-2.20	16.82	3.96	-1.73	-0.09

		14	-0.76	1.91	17.48	-3.53	-2.03	-0.09
		15	-1.11	-1.96	17.09	3.54	-3.49	-0.09
		16	-1.11	1.83	17.65	-3.39	-3.35	-0.09
		17	-0.76	-1.88	16.92	3.39	-2.17	-0.09
		18	0.25	-0.20	10.33	0.35	1.26	-0.06
		19	-1.33	0.19	11.13	-0.37	-4.41	-0.04
		20	0.04	0.13	10.46	-0.25	0.63	-0.05
		21	-1.12	-0.14	11.01	0.23	-3.78	-0.05
		22	-0.60	2.11	11.08	-3.86	-1.76	-0.05
		23	-0.48	-2.12	10.39	3.84	-1.39	-0.05
		24	-0.54	1.89	11.01	-3.47	-1.51	-0.05
		25	-0.54	-1.89	10.45	3.45	-1.64	-0.05
G-12	1	1	-0.26	-0.05	26.02	0.02	-0.02	0.00
		2	1.72	0.73	21.62	-1.33	4.18	0.00
		3	-2.16	-0.82	25.23	1.37	-4.20	0.00
		4	1.73	-0.63	20.90	1.07	4.23	0.00
		5	-2.17	0.54	25.95	-1.03	-4.25	0.00
		6	1.34	0.62	21.93	-1.14	3.38	0.00
		7	-1.77	-0.71	24.91	1.18	-3.40	0.00
		8	1.20	-0.79	21.32	1.35	3.15	0.00
		9	-1.64	0.70	25.53	-1.31	-3.17	0.00
		10	0.35	2.25	23.97	-4.04	1.16	0.00
		11	-0.79	-2.33	22.87	4.07	-1.18	0.00
		12	-0.82	2.19	25.27	-3.95	-1.37	0.00
		13	0.38	-2.28	21.58	3.98	1.35	0.00
		14	0.46	2.29	23.91	-4.11	1.37	0.00
		15	-0.89	-2.38	22.93	4.14	-1.39	0.00
		16	-0.44	2.31	24.99	-4.16	-0.60	0.00
		17	0.00	-2.40	21.86	4.19	0.58	0.00
		18	1.83	0.07	12.15	-0.14	4.22	0.00
		19	-2.06	-0.12	16.48	0.16	-4.21	0.00
		20	1.38	-0.07	12.52	0.10	3.28	0.00
		21	-1.60	0.01	16.11	-0.07	-3.27	0.00
		22	-0.13	2.24	15.51	-4.00	-0.08	0.00
		23	-0.10	-2.29	13.12	4.02	0.10	0.00
		24	0.11	2.32	15.34	-4.14	0.40	0.00
		25	-0.34	-2.37	13.29	4.16	-0.39	0.00
H-12	1	1	0.16	-0.13	17.59	0.07	0.41	0.00
		2	2.21	0.67	19.36	-1.36	4.68	0.00
		3	-1.94	-0.90	12.89	1.49	-3.97	0.00
		4	2.24	-0.64	19.33	0.99	4.76	0.00
		5	-1.97	0.41	12.91	-0.85	-4.05	0.00
		6	1.81	0.42	18.80	-0.90	3.87	0.00
		7	-1.53	-0.64	13.44	1.04	-3.16	0.00

8	1.69	-1.00	18.59	1.62	3.64	0.00
9	-1.41	0.77	13.65	-1.49	-2.93	0.00
10	0.71	2.11	17.12	-3.92	1.54	0.00
11	-0.44	-2.34	15.12	4.05	-0.82	0.00
12	-0.54	2.03	15.19	-3.77	-1.08	0.00
13	0.82	-2.26	17.05	3.90	1.79	0.00
14	0.82	2.18	17.24	-4.05	1.75	0.00
15	-0.55	-2.41	15.00	4.18	-1.03	0.00
16	-0.14	2.29	15.70	-4.22	-0.29	0.00
17	0.42	-2.52	16.55	4.36	1.01	0.00
18	2.16	0.06	13.48	-0.21	4.56	0.00
19	-2.02	-0.19	7.04	0.29	-4.17	0.00
20	1.68	-0.24	12.83	0.33	3.60	0.00
21	-1.54	0.11	7.68	-0.25	-3.20	0.00
22	0.02	2.12	10.30	-3.87	0.07	0.00
23	0.12	-2.25	10.22	3.95	0.33	0.00
24	0.27	2.28	10.61	-4.16	0.57	0.00
25	-0.13	-2.42	9.91	4.24	-0.17	0.00

F-13

1

1	-0.37	0.55	29.55	-0.30	0.07	0.03
2	0.75	1.07	27.90	-1.37	3.25	0.05
3	-1.25	-0.11	24.65	0.85	-3.00	0.01
4	0.77	-0.17	21.75	0.87	3.32	0.05
5	-1.28	1.13	30.80	-1.39	-3.08	0.01
6	0.49	1.07	28.23	-1.37	2.55	0.05
7	-1.00	-0.11	24.33	0.85	-2.30	0.01
8	0.47	-0.15	22.18	0.85	2.46	0.04
9	-0.98	1.11	30.38	-1.36	-2.21	0.01
10	0.01	2.54	36.10	-3.98	0.94	0.04
11	-0.52	-1.58	16.46	3.46	-0.69	0.02
12	-0.59	2.56	36.96	-3.99	-0.95	0.03
13	0.09	-1.60	15.59	3.47	1.20	0.03
14	0.00	2.52	36.04	-3.95	0.99	0.04
15	-0.50	-1.56	16.52	3.43	-0.74	0.02
16	-0.44	2.53	36.68	-3.95	-0.44	0.03
17	-0.06	-1.57	15.87	3.43	0.69	0.03
18	0.97	0.24	14.16	-0.13	3.33	0.04
19	-1.06	0.30	17.06	-0.15	-3.00	-0.01
20	0.69	0.25	14.54	-0.14	2.54	0.03
21	-0.78	0.29	16.69	-0.14	-2.22	0.00
22	-0.08	2.34	25.86	-3.87	0.03	0.02
23	-0.01	-1.80	5.36	3.58	0.30	0.01
24	-0.01	2.31	25.69	-3.83	0.31	0.02
25	-0.08	-1.78	5.53	3.55	0.02	0.01

B-14

1

1	0.89	-0.14	12.27	0.12	1.46	0.02
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2	1.59	0.23	10.40	-0.60	4.16	0.02
3	-0.05	-0.52	12.05	0.86	-1.63	0.01
4	1.58	-0.74	11.90	1.40	4.19	0.02
5	-0.05	0.45	10.54	-1.15	-1.66	0.01
6	1.36	0.42	10.11	-1.01	3.47	0.02
7	0.17	-0.71	12.34	1.26	-0.94	0.01
8	1.32	-0.45	11.52	0.79	3.34	0.02
9	0.21	0.16	10.92	-0.54	-0.81	0.01
10	1.02	1.45	8.69	-3.13	2.08	0.02
11	0.51	-1.74	13.75	3.39	0.45	0.01
12	0.53	1.51	8.74	-3.30	0.33	0.01
13	1.00	-1.80	13.71	3.55	2.20	0.02
14	1.01	1.35	8.74	-2.95	2.13	0.02
15	0.52	-1.64	13.70	3.20	0.40	0.01
16	0.66	1.27	8.98	-2.80	0.85	0.01
17	0.87	-1.56	13.46	3.06	1.69	0.02
18	1.24	-0.22	7.04	0.38	3.62	0.01
19	-0.39	-0.01	7.18	-0.17	-2.20	0.00
20	1.00	0.02	6.71	-0.13	2.85	0.01
21	-0.15	-0.25	7.52	0.34	-1.43	0.00
22	0.43	1.51	4.60	-3.24	0.65	0.01
23	0.41	-1.74	9.62	3.45	0.77	0.01
24	0.49	1.34	4.75	-2.90	0.93	0.01
25	0.35	-1.56	9.47	3.11	0.49	0.01

F-14

1

1	0.23	-1.73	10.39	2.03	0.37	0.00
2	2.21	-0.88	-2.25	0.61	4.20	0.01
3	-1.81	-2.14	21.27	2.92	-3.55	-0.01
4	2.29	-2.14	3.60	2.87	4.34	0.01
5	-1.90	-0.88	15.42	0.66	-3.69	-0.01
6	1.76	-0.88	-0.48	0.62	3.35	0.01
7	-1.37	-2.14	19.50	2.92	-2.71	-0.01
8	1.70	-2.13	5.98	2.86	3.21	0.01
9	-1.30	-0.89	13.04	0.68	-2.56	-0.01
10	0.67	0.60	-2.88	-2.01	1.27	0.00
11	-0.28	-3.62	21.90	5.54	-0.63	0.00
12	-0.56	0.60	2.42	-1.99	-1.09	0.00
13	0.95	-3.62	16.60	5.53	1.74	0.01
14	0.76	0.58	-3.29	-1.97	1.45	0.00
15	-0.37	-3.60	22.30	5.51	-0.80	0.00
16	-0.16	0.57	0.77	-1.96	-0.33	-0.01
17	0.55	-3.59	18.25	5.49	0.97	0.01
18	2.16	-0.85	-2.81	0.98	4.13	0.01
19	-1.94	-0.86	14.87	1.02	-3.76	-0.01
20	1.64	-0.85	-0.73	0.97	3.14	0.01
21	-1.43	-0.86	12.79	1.03	-2.78	-0.01

		22	-0.03	1.25	-3.71	-2.77	-0.05	0.00
		23	0.25	-2.96	15.77	4.77	0.41	0.00
		24	0.22	1.23	-4.74	-2.73	0.42	0.00
		25	0.00	-2.94	16.80	4.73	-0.06	0.01
F'-14	1	1	-1.86	-0.03	-0.82	0.07	-0.91	0.07
		2	3.93	0.63	-35.99	-0.77	3.55	-0.13
		3	-7.42	-0.69	34.97	0.90	-5.19	0.24
		4	3.75	-0.11	-36.54	0.27	3.50	0.25
		5	-7.25	0.05	35.52	-0.14	-5.13	-0.13
		6	2.60	0.57	-27.97	-0.67	2.65	-0.12
		7	-6.09	-0.63	26.95	0.80	-4.29	0.24
		8	2.00	-0.20	-25.89	0.41	2.29	0.26
		9	-5.50	0.14	24.87	-0.29	-3.93	-0.14
		10	0.22	1.29	-10.33	-1.76	0.57	-0.57
		11	-3.71	-1.35	9.31	1.89	-2.21	0.68
		12	-3.13	1.12	11.12	-1.57	-2.03	-0.57
		13	-0.36	-1.17	-12.14	1.70	0.40	0.69
		14	0.46	1.32	-11.90	-1.81	0.77	-0.57
		15	-3.96	-1.38	10.88	1.93	-2.40	0.69
		16	-1.97	1.19	3.95	-1.69	-1.20	-0.58
		17	-1.53	-1.25	-4.97	1.82	-0.43	0.70
		18	4.42	0.27	-35.74	-0.27	3.85	0.04
		19	-6.75	-0.31	35.77	0.36	-4.84	0.03
		20	2.88	0.20	-26.41	-0.15	2.80	0.04
		21	-5.21	-0.23	26.43	0.24	-3.78	0.02
		22	-0.87	1.21	0.92	-1.69	-0.41	-0.59
		23	-1.45	-1.25	-0.89	1.78	-0.58	0.66
		24	-0.17	1.27	-3.45	-1.77	0.11	-0.60
		25	-2.16	-1.30	3.48	1.86	-1.09	0.67
G-14	1	1	3.88	-0.13	12.64	0.11	3.16	-0.09
		2	14.35	0.37	52.32	-1.28	25.45	-0.14
		3	-7.36	-0.64	-29.22	1.51	-19.79	-0.02
		4	14.98	-0.78	54.96	1.45	26.21	-0.34
		5	-7.98	0.51	-31.86	-1.22	-20.55	0.18
		6	11.90	0.28	43.12	-1.08	20.71	-0.12
		7	-4.90	-0.55	-20.03	1.32	-15.05	-0.04
		8	11.72	-0.91	42.74	1.73	19.85	-0.30
		9	-4.72	0.64	-19.64	-1.50	-14.19	0.14
		10	5.80	1.76	19.77	-4.44	8.47	0.20
		11	1.20	-2.03	3.33	4.68	-2.80	-0.36
		12	-0.90	1.80	-5.48	-4.42	-5.34	0.29
		13	7.90	-2.07	28.58	4.66	11.00	-0.45
		14	6.29	1.79	21.61	-4.51	9.49	0.19
		15	0.71	-2.06	1.49	4.75	-3.83	-0.35

16	1.30	1.90	2.78	-4.64	-0.98	0.27		
17	5.69	-2.17	20.32	4.88	6.64	-0.43		
18	13.32	-0.17	49.39	0.07	24.72	-0.21		
19	-9.02	-0.03	-34.80	0.12	-21.29	0.11		
20	10.46	-0.28	38.68	0.30	19.16	-0.18		
21	-6.17	0.08	-24.08	-0.11	-15.74	0.08		
22	1.10	1.81	2.89	-4.46	0.45	0.27		
23	3.19	-2.01	11.70	4.65	2.98	-0.37		
24	2.45	1.88	7.94	-4.60	3.14	0.26		
25	1.85	-2.08	6.65	4.79	0.28	-0.36		
H-14	1	1	0.06	0.02	7.24	-0.08	0.21	0.00
		2	1.32	0.60	9.47	-1.28	3.30	0.01
		3	-1.19	-0.57	4.29	1.15	-2.91	0.00
		4	1.35	-0.41	10.95	0.74	3.39	0.01
		5	-1.23	0.44	2.80	-0.87	-3.00	0.00
		6	1.04	0.41	9.03	-0.89	2.62	0.01
		7	-0.91	-0.38	4.73	0.76	-2.23	-0.01
		8	0.98	-0.67	10.35	1.28	2.48	0.01
		9	-0.85	0.70	3.40	-1.41	-2.09	-0.01
		10	0.39	1.71	5.40	-3.50	1.00	0.00
		11	-0.26	-1.68	8.35	3.37	-0.60	0.00
		12	-0.38	1.66	3.40	-3.37	-0.89	0.00
		13	0.50	-1.63	10.35	3.25	1.29	0.00
		14	0.44	1.77	5.50	-3.61	1.13	0.00
		15	-0.32	-1.74	8.25	3.48	-0.74	0.00
		16	-0.12	1.86	3.82	-3.77	-0.28	0.00
		17	0.25	-1.83	9.94	3.64	0.67	0.00
		18	1.32	0.08	8.03	-0.23	3.28	0.01
		19	-1.22	-0.08	1.37	0.18	-3.02	-0.01
		20	1.00	-0.15	7.51	0.23	2.48	0.01
		21	-0.89	0.14	1.89	-0.29	-2.23	-0.01
		22	-0.01	1.67	2.23	-3.40	-0.02	0.00
		23	0.11	-1.67	7.18	3.35	0.28	0.00
		24	0.15	1.80	2.48	-3.65	0.36	0.00
		25	-0.05	-1.80	6.92	3.60	-0.10	0.00

LOAD COMBINATIONS

No	Load combination
_____	_____

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1      1.2D0 + 1.2DL + 1.6LL
2      1.2D0 + 1.2DL + LL + EQX1 + .3EQY1
3      1.2D0 + 1.2DL + LL - EQX1 - .3EQY1
4      1.2D0 + 1.2DL + LL + EQX1 - .3EQY1
5      1.2D0 + 1.2DL + LL - EQX1 + .3EQY1
6      1.2D0 + 1.2DL + LL + EQX2 + .3EQY2
7      1.2D0 + 1.2DL + LL - EQX2 - .3EQY2
8      1.2D0 + 1.2DL + LL + EQX2 - .3EQY2
9      1.2D0 + 1.2DL + LL - EQX2 + .3EQY2
10     1.2D0 + 1.2DL + LL + .3EQX1 + EQY1
11     1.2D0 + 1.2DL + LL - .3EQX1 - EQY1
12     1.2D0 + 1.2DL + LL - .3EQX1 + EQY1
13     1.2D0 + 1.2DL + LL + .3EQX1 - EQY1
14     1.2D0 + 1.2DL + LL + .3EQX2 + EQY2
15     1.2D0 + 1.2DL + LL - .3EQX2 - EQY2
16     1.2D0 + 1.2DL + LL - .3EQX2 + EQY2
17     1.2D0 + 1.2DL + LL + .3EQX2 - EQY2
18     .9D0 + .9DL + EQX1
19     .9D0 + .9DL - EQX1
20     .9D0 + .9DL + EQX2
21     .9D0 + .9DL - EQX2
22     .9D0 + .9DL + EQY1
23     .9D0 + .9DL - EQY1
24     .9D0 + .9DL + EQY2
25     .9D0 + .9DL - EQY2

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COLUMN DESIGN PARAMETERS

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CONCRETE      f'c = 210.0 Kg/cm2
REINFORCEMENT
  Longitudinal fy = 4200.0 Kg/cm2
  Transverse   fy = 2400.0 Kg/cm2 (f = 3/8'')
               = 4200.0 Kg/cm2 (f > 3/8'')
Energy dissipation capacity : 3: Special-DES

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Design Results - Columns

Column	Story	L	Lu	b	h	TRANSVERSE REINFORCEMENT		LONGITUDINAL REINFORCEMENT					
						TIES	XTIES	Sec	LdCmb	Pu	Mu2	Mu3	RHO

		(m)	(m)	(cm)	(cm)					critc	(ton)	(ton-m)	(ton-m)	-	(cm2)
H-14	2	3.20	2.90	40.0	40.0	7 #3 @ 7.5 cm (end)	1 (b)	Top	1	4.64	0.30	1.69	0.0100	16.00	
						13 #3 @ 15 cm (ctr)	1 (h)	Bot	1	4.64	0.28	0.85	0.0100	16.00	
H-14	1	3.20	2.93	40.0	40.0	8 #3 @ 7.5 cm (end)	1 (b)	Top	1	7.24	0.20	0.20	0.0100	16.00	
						12 #3 @ 15 cm (ctr)	1 (h)	Bot	1	7.24	0.20	0.25	0.0100	16.00	
G-14	2	3.20	2.90	40.0	40.0	7 #3 @ 7.5 cm (end)	1 (b)	Top	1	3.05	0.18	0.08	0.0100	16.00	
						13 #3 @ 15 cm (ctr)	1 (h)	Bot	1	3.05	0.28	0.08	0.0100	16.00	
G-14	1	3.20	2.93	40.0	40.0	8 #3 @ 7.5 cm (end)	1 (b)	Top	1	7.63	0.21	0.21	0.0100	16.00	
						12 #3 @ 15 cm (ctr)	1 (h)	Bot	1	7.63	0.21	0.34	0.0100	16.00	
F-14	2	3.20	2.90	40.0	40.0	7 #3 @ 7.5 cm (end)	1 (b)	Top	1	6.58	7.60	0.21	0.0100	16.00	
						13 #3 @ 15 cm (ctr)	1 (h)	Bot	1	6.58	3.29	0.18	0.0100	16.00	
F-14	1	3.20	2.93	40.0	40.0	8 #3 @ 7.5 cm (end)	1 (b)	Top	1	10.39	3.13	0.29	0.0100	16.00	
						12 #3 @ 15 cm (ctr)	1 (h)	Bot	1	10.39	2.43	0.45	0.0100	16.00	
B-14	2	3.20	2.90	40.0	40.0	7 #3 @ 7.5 cm (end)	1 (b)	Top	1	9.91	0.27	0.95	0.0100	16.00	
						13 #3 @ 15 cm (ctr)	1 (h)	Bot	1	9.91	0.32	1.67	0.0100	16.00	
B-14	1	3.20	2.93	40.0	40.0	8 #3 @ 7.5 cm (end)	1 (b)	Top	1	12.27	0.33	1.09	0.0100	16.00	
						12 #3 @ 15 cm (ctr)	1 (h)	Bot	1	12.27	0.33	1.75	0.0100	16.00	
F-13	2	3.20	2.95	40.0	40.0	8 #3 @ 7.5 cm (end)	1 (b)	Top	1	28.68	12.87	11.93	0.0295	47.25	
						12 #3 @ 15 cm (ctr)	1 (h)	Bot	1	28.68	4.87	4.33	0.0100	16.00	
F-13	1	3.20	2.93	40.0	40.0	8 #3 @ 7.5 cm (end)	1 (b)	Top	1	29.55	1.42	1.26	0.0100	16.00	
						12 #3 @ 15 cm (ctr)	1 (h)	Bot	1	29.55	0.81	0.81	0.0100	16.00	
H-12	2	3.20	2.90	40.0	40.0	7 #3 @ 7.5 cm (end)	1 (b)	Top	1	7.78	0.21	2.89	0.0100	16.00	
						13 #3 @ 15 cm (ctr)	1 (h)	Bot	1	7.78	0.41	1.17	0.0100	16.00	
H-12	1	3.20	2.93	40.0	40.0	8 #3 @ 7.5 cm (end)	1 (b)	Top	1	17.59	0.48	0.48	0.0100	16.00	
						12 #3 @ 15 cm (ctr)	1 (h)	Bot	1	17.59	0.48	0.50	0.0100	16.00	

G-12	2	3.20	2.90	40.0	40.0	7 #3 @ 7.5 cm (end)	1 (b)	Top	1	16.30	0.55	4.88	0.0100	16.00
						13 #3 @ 15 cm (ctr)	1 (h)	Bot	1	16.30	0.45	1.69	0.0100	16.00
G-12	1	3.20	2.93	40.0	40.0	8 #3 @ 7.5 cm (end)	1 (b)	Top	1	26.02	0.71	0.80	0.0100	16.00
						12 #3 @ 15 cm (ctr)	1 (h)	Bot	1	26.02	0.71	0.71	0.0100	16.00
B-12	2	3.20	2.90	40.0	40.0	7 #3 @ 7.5 cm (end)	1 (b)	Top	1	16.27	1.68	16.80	0.0202	32.25
						13 #3 @ 15 cm (ctr)	1 (h)	Bot	1	16.27	0.83	0.53	0.0100	16.00
B-12	1	3.20	2.93	40.0	40.0	8 #3 @ 7.5 cm (end)	1 (b)	Top	1	19.07	0.52	0.52	0.0100	16.00
						12 #3 @ 15 cm (ctr)	1 (h)	Bot	1	19.07	0.52	3.79	0.0100	16.00
H-11	2	3.20	2.90	40.0	40.0	7 #3 @ 7.5 cm (end)	1 (b)	Top	1	8.26	0.23	3.68	0.0100	16.00
						13 #3 @ 15 cm (ctr)	1 (h)	Bot	1	8.26	0.23	1.28	0.0100	16.00
H-11	1	3.20	2.93	40.0	40.0	8 #3 @ 7.5 cm (end)	1 (b)	Top	1	24.20	0.66	0.66	0.0100	16.00
						12 #3 @ 15 cm (ctr)	1 (h)	Bot	1	24.20	0.66	0.66	0.0100	16.00
G-11	2	3.20	2.90	40.0	40.0	7 #3 @ 7.5 cm (end)	1 (b)	Top	1	8.62	0.23	3.67	0.0100	16.00
						13 #3 @ 15 cm (ctr)	1 (h)	Bot	1	8.62	0.23	2.42	0.0100	16.00
G-11	1	3.20	2.93	40.0	40.0	8 #3 @ 7.5 cm (end)	1 (b)	Top	1	22.08	0.60	0.60	0.0100	16.00
						12 #3 @ 15 cm (ctr)	1 (h)	Bot	1	22.08	0.60	0.65	0.0100	16.00
B-11	2	3.20	2.90	40.0	40.0	7 #3 @ 7.5 cm (end)	1 (b)	Top	1	7.61	0.21	5.41	0.0100	16.00
						13 #3 @ 15 cm (ctr)	1 (h)	Bot	1	7.61	0.21	3.07	0.0100	16.00
B-11	1	3.20	2.93	40.0	40.0	8 #3 @ 7.5 cm (end)	1 (b)	Top	1	10.18	0.28	1.82	0.0100	16.00
						12 #3 @ 15 cm (ctr)	1 (h)	Bot	1	10.18	0.28	4.13	0.0100	16.00
H-10	2	3.20	2.90	40.0	40.0	7 #3 @ 7.5 cm (end)	1 (b)	Top	1	9.22	0.25	4.19	0.0100	16.00
						13 #3 @ 15 cm (ctr)	1 (h)	Bot	1	9.22	0.39	1.40	0.0100	16.00
H-10	1	3.20	2.93	40.0	40.0	8 #3 @ 7.5 cm (end)	1 (b)	Top	1	27.46	0.75	0.87	0.0100	16.00
						12 #3 @ 15 cm (ctr)	1 (h)	Bot	1	27.46	0.75	0.75	0.0100	16.00
G-10	2	3.20	2.90	40.0	40.0	7 #3 @ 7.5 cm (end)	1 (b)	Top	1	9.44	0.26	4.20	0.0100	16.00
						13 #3 @ 15 cm (ctr)	1 (h)	Bot	1	9.44	0.37	2.59	0.0100	16.00
G-10	1	3.20	2.93	40.0	40.0	8 #3 @ 7.5 cm (end)	1 (b)	Top	1	24.82	0.68	0.68	0.0100	16.00

							12 #3 @ 15 cm (ctr)	1 (h)	Bot	1	24.82	0.68	0.68	0.0100	16.00
B-10	2	3.20	2.90	40.0	40.0	7 #3 @ 7.5 cm (end)	1 (b)	Top	1	8.25	0.22	5.11	0.0100	16.00	
						13 #3 @ 15 cm (ctr)	1 (h)	Bot	1	8.25	0.22	1.43	0.0100	16.00	
B-10	1	3.20	2.93	40.0	40.0	8 #3 @ 7.5 cm (end)	1 (b)	Top	1	10.88	0.30	0.72	0.0100	16.00	
						12 #3 @ 15 cm (ctr)	1 (h)	Bot	1	10.88	0.30	2.34	0.0100	16.00	
H-9	2	3.20	2.90	40.0	40.0	7 #3 @ 7.5 cm (end)	1 (b)	Top	1	9.27	0.25	4.21	0.0100	16.00	
						13 #3 @ 15 cm (ctr)	1 (h)	Bot	1	9.27	0.57	2.39	0.0100	16.00	
H-9	1	3.20	2.93	40.0	40.0	8 #3 @ 7.5 cm (end)	1 (b)	Top	1	24.05	0.66	0.66	0.0100	16.00	
						12 #3 @ 15 cm (ctr)	1 (h)	Bot	1	24.05	0.66	0.66	0.0100	16.00	
G-9	2	3.20	2.90	40.0	40.0	7 #3 @ 7.5 cm (end)	1 (b)	Top	1	9.37	0.26	4.11	0.0100	16.00	
						13 #3 @ 15 cm (ctr)	1 (h)	Bot	1	9.37	0.46	2.55	0.0100	16.00	
G-9	1	3.20	2.93	40.0	40.0	8 #3 @ 7.5 cm (end)	1 (b)	Top	1	25.01	0.68	0.68	0.0100	16.00	
						12 #3 @ 15 cm (ctr)	1 (h)	Bot	1	25.01	0.68	0.68	0.0100	16.00	
B-9	2	3.20	2.90	40.0	40.0	7 #3 @ 7.5 cm (end)	1 (b)	Top	1	8.36	0.23	5.35	0.0100	16.00	
						13 #3 @ 15 cm (ctr)	1 (h)	Bot	1	8.36	0.23	1.77	0.0100	16.00	
B-9	1	3.20	2.93	40.0	40.0	8 #3 @ 7.5 cm (end)	1 (b)	Top	1	11.00	0.30	0.95	0.0100	16.00	
						12 #3 @ 15 cm (ctr)	1 (h)	Bot	1	11.00	0.30	2.78	0.0100	16.00	
H-8	2	3.20	2.90	40.0	40.0	7 #3 @ 7.5 cm (end)	1 (b)	Top	1	8.41	0.23	3.71	0.0100	16.00	
						13 #3 @ 15 cm (ctr)	1 (h)	Bot	1	8.41	0.23	2.95	0.0100	16.00	
H-8	1	3.20	2.93	40.0	40.0	8 #3 @ 7.5 cm (end)	1 (b)	Top	1	18.24	0.50	1.14	0.0100	16.00	
						12 #3 @ 15 cm (ctr)	1 (h)	Bot	1	18.24	0.50	0.97	0.0100	16.00	
G-8	2	3.20	2.90	40.0	40.0	7 #3 @ 7.5 cm (end)	1 (b)	Top	1	8.46	0.23	3.54	0.0100	16.00	
						13 #3 @ 15 cm (ctr)	1 (h)	Bot	1	8.46	0.23	2.49	0.0100	16.00	
G-8	1	3.20	2.93	40.0	40.0	8 #3 @ 7.5 cm (end)	1 (b)	Top	1	21.77	0.59	0.59	0.0100	16.00	
						12 #3 @ 15 cm (ctr)	1 (h)	Bot	1	21.77	0.59	0.59	0.0100	16.00	
B-8	2	3.20	2.90	40.0	40.0	7 #3 @ 7.5 cm (end)	1 (b)	Top	1	7.44	0.20	4.53	0.0100	16.00	

								13 #3 @ 15 cm (ctr)	1 (h)	Bot	1	7.44	0.20	1.12	0.0100	16.00
B-8	1	3.20	2.93	40.0	40.0			8 #3 @ 7.5 cm (end)	1 (b)	Top	1	9.92	0.27	0.55	0.0100	16.00
								12 #3 @ 15 cm (ctr)	1 (h)	Bot	1	9.92	0.27	1.94	0.0100	16.00
H-7	2	3.20	2.90	40.0	40.0			7 #3 @ 7.5 cm (end)	1 (b)	Top	1	7.84	0.21	3.09	0.0100	16.00
								13 #3 @ 15 cm (ctr)	1 (h)	Bot	1	7.84	0.21	2.81	0.0100	16.00
H-7	1	3.20	2.93	40.0	40.0			8 #3 @ 7.5 cm (end)	1 (b)	Top	1	17.75	0.48	1.31	0.0100	16.00
								12 #3 @ 15 cm (ctr)	1 (h)	Bot	1	17.75	0.48	1.03	0.0100	16.00
G-7	2	3.20	2.90	40.0	40.0			7 #3 @ 7.5 cm (end)	1 (b)	Top	1	16.80	0.46	2.65	0.0100	16.00
								13 #3 @ 15 cm (ctr)	1 (h)	Bot	1	16.80	0.46	1.17	0.0100	16.00
G-7	1	3.20	2.93	40.0	40.0			8 #3 @ 7.5 cm (end)	1 (b)	Top	1	32.48	0.88	0.88	0.0100	16.00
								12 #3 @ 15 cm (ctr)	1 (h)	Bot	1	32.48	0.88	0.88	0.0100	16.00
D-7	2	3.20	2.90	40.0	40.0			7 #3 @ 7.5 cm (end)	1 (b)	Top	1	17.40	0.47	2.91	0.0100	16.00
								13 #3 @ 15 cm (ctr)	1 (h)	Bot	1	17.40	0.47	2.39	0.0100	16.00
D-7	1	3.20	2.93	40.0	40.0			8 #3 @ 7.5 cm (end)	1 (b)	Top	1	24.09	0.66	0.70	0.0100	16.00
								12 #3 @ 15 cm (ctr)	1 (h)	Bot	1	24.09	0.66	0.66	0.0100	16.00
B-7	2	3.20	2.90	40.0	40.0			7 #3 @ 7.5 cm (end)	1 (b)	Top	1	7.78	0.21	3.03	0.0100	16.00
								13 #3 @ 15 cm (ctr)	1 (h)	Bot	1	7.78	0.21	1.26	0.0100	16.00
B-7	1	3.20	2.93	40.0	40.0			8 #3 @ 7.5 cm (end)	1 (b)	Top	1	10.74	0.29	0.60	0.0100	16.00
								12 #3 @ 15 cm (ctr)	1 (h)	Bot	1	10.74	0.29	0.51	0.0100	16.00
H-6	2	3.20	2.90	40.0	40.0			7 #3 @ 7.5 cm (end)	1 (b)	Top	1	6.10	0.17	2.30	0.0100	16.00
								13 #3 @ 15 cm (ctr)	1 (h)	Bot	1	6.10	0.17	2.53	0.0100	16.00
H-6	1	3.20	2.93	40.0	40.0			8 #3 @ 7.5 cm (end)	1 (b)	Top	1	16.47	0.45	1.45	0.0100	16.00
								12 #3 @ 15 cm (ctr)	1 (h)	Bot	1	16.47	0.45	1.07	0.0100	16.00
G-6	2	3.20	2.90	40.0	40.0			7 #3 @ 7.5 cm (end)	1 (b)	Top	1	6.50	0.25	2.11	0.0100	16.00
								13 #3 @ 15 cm (ctr)	1 (h)	Bot	1	6.50	0.29	2.34	0.0100	16.00
G-6	1	3.20	2.93	40.0	40.0			8 #3 @ 7.5 cm (end)	1 (b)	Top	1	19.56	0.53	1.28	0.0100	16.00
								12 #3 @ 15 cm (ctr)	1 (h)	Bot	1	19.56	0.53	0.64	0.0100	16.00



D-6	2	3.20	2.90	40.0	40.0	7 #3 @ 7.5 cm (end)	1 (b)	Top	1	6.70	0.26	2.29	0.0100	16.00
						13 #3 @ 15 cm (ctr)	1 (h)	Bot	1	6.70	0.42	1.81	0.0100	16.00
D-6	1	3.20	2.93	40.0	40.0	8 #3 @ 7.5 cm (end)	1 (b)	Top	1	17.39	0.87	0.53	0.0100	16.00
						12 #3 @ 15 cm (ctr)	1 (h)	Bot	1	17.39	0.57	0.48	0.0100	16.00
B-6	2	3.20	2.90	40.0	40.0	7 #3 @ 7.5 cm (end)	1 (b)	Top	1	6.02	0.16	2.21	0.0100	16.00
						13 #3 @ 15 cm (ctr)	1 (h)	Bot	1	6.02	0.16	1.72	0.0100	16.00
B-6	1	3.20	2.93	40.0	40.0	8 #3 @ 7.5 cm (end)	1 (b)	Top	1	12.75	0.44	0.48	0.0100	16.00
						12 #3 @ 15 cm (ctr)	1 (h)	Bot	1	12.75	0.35	0.35	0.0100	16.00
H-4	2	3.20	2.90	40.0	40.0	7 #3 @ 7.5 cm (end)	1 (b)	Top	1	3.66	0.10	0.88	0.0100	16.00
						13 #3 @ 15 cm (ctr)	1 (h)	Bot	1	3.66	0.10	0.72	0.0100	16.00
H-4	1	3.20	2.93	40.0	40.0	8 #3 @ 7.5 cm (end)	1 (b)	Top	1	18.62	0.51	0.51	0.0100	16.00
						12 #3 @ 15 cm (ctr)	1 (h)	Bot	1	18.62	0.51	0.51	0.0100	16.00
G-4	2	3.20	2.90	40.0	40.0	7 #3 @ 7.5 cm (end)	1 (b)	Top	1	5.86	0.16	0.22	0.0100	16.00
						13 #3 @ 15 cm (ctr)	1 (h)	Bot	1	5.86	0.59	0.16	0.0100	16.00
G-4	1	3.20	2.93	40.0	40.0	8 #3 @ 7.5 cm (end)	1 (b)	Top	1	22.60	0.63	0.62	0.0100	16.00
						12 #3 @ 15 cm (ctr)	1 (h)	Bot	1	22.60	0.62	0.62	0.0100	16.00
E-4	2	3.20	2.90	40.0	40.0	7 #3 @ 7.5 cm (end)	1 (b)	Top	1	5.49	0.15	0.15	0.0100	16.00
						13 #3 @ 15 cm (ctr)	1 (h)	Bot	1	5.49	3.14	0.15	0.0100	16.00
E-4	1	3.20	2.93	40.0	40.0	8 #3 @ 7.5 cm (end)	1 (b)	Top	1	23.00	3.86	0.63	0.0100	16.00
						12 #3 @ 15 cm (ctr)	1 (h)	Bot	1	23.00	2.43	0.63	0.0100	16.00
D-4	2	3.20	2.90	40.0	40.0	7 #3 @ 7.5 cm (end)	1 (b)	Top	1	5.77	0.16	0.16	0.0100	16.00
						13 #3 @ 15 cm (ctr)	1 (h)	Bot	1	5.77	0.69	0.69	0.0100	16.00
D-4	1	3.20	2.93	40.0	40.0	8 #3 @ 7.5 cm (end)	1 (b)	Top	1	22.93	0.62	0.72	0.0100	16.00
						12 #3 @ 15 cm (ctr)	1 (h)	Bot	1	22.93	0.62	0.62	0.0100	16.00
B-4	2	3.20	2.90	40.0	40.0	7 #3 @ 7.5 cm (end)	1 (b)	Top	1	3.55	0.10	0.72	0.0100	16.00
						13 #3 @ 15 cm (ctr)	1 (h)	Bot	1	3.55	0.19	0.60	0.0100	16.00

B-4	1	3.20	2.93	40.0	40.0	8 #3 @ 7.5 cm (end)	1 (b)	Top	1	18.27	0.50	0.50	0.0100	16.00
						12 #3 @ 15 cm (ctr)	1 (h)	Bot	1	18.27	0.50	0.50	0.0100	16.00
H-2	2	3.20	2.98	40.0	40.0	8 #3 @ 7.5 cm (end)	1 (b)	Top	1	2.92	0.35	0.81	0.0100	16.00
						12 #3 @ 15 cm (ctr)	1 (h)	Bot	1	2.92	0.57	1.10	0.0100	16.00
H-2	1	3.20	2.93	40.0	40.0	8 #3 @ 7.5 cm (end)	1 (b)	Top	1	8.87	0.60	0.65	0.0100	16.00
						12 #3 @ 15 cm (ctr)	1 (h)	Bot	1	8.87	0.49	0.46	0.0100	16.00
G-2	2	3.20	2.90	40.0	40.0	7 #3 @ 7.5 cm (end)	1 (b)	Top	1	3.68	0.34	0.16	0.0100	16.00
						13 #3 @ 15 cm (ctr)	1 (h)	Bot	1	3.68	0.46	1.44	0.0100	16.00
G-2	1	3.20	2.93	40.0	40.0	8 #3 @ 7.5 cm (end)	1 (b)	Top	1	17.28	0.80	1.47	0.0100	16.00
						12 #3 @ 15 cm (ctr)	1 (h)	Bot	1	17.28	0.47	0.98	0.0100	16.00
E-2	2	3.20	2.90	40.0	40.0	7 #3 @ 7.5 cm (end)	1 (b)	Top	1	3.72	0.55	0.17	0.0100	16.00
						13 #3 @ 15 cm (ctr)	1 (h)	Bot	1	3.72	0.40	0.10	0.0100	16.00
E-2	1	3.20	2.93	40.0	40.0	8 #3 @ 7.5 cm (end)	1 (b)	Top	1	15.89	0.99	0.43	0.0100	16.00
						12 #3 @ 15 cm (ctr)	1 (h)	Bot	1	15.89	0.60	0.43	0.0100	16.00
D-2	2	3.20	2.90	40.0	40.0	7 #3 @ 7.5 cm (end)	1 (b)	Top	1	3.74	0.38	0.22	0.0100	16.00
						13 #3 @ 15 cm (ctr)	1 (h)	Bot	1	3.74	0.12	0.33	0.0100	16.00
D-2	1	3.20	2.93	40.0	40.0	8 #3 @ 7.5 cm (end)	1 (b)	Top	1	16.03	0.44	0.44	0.0100	16.00
						12 #3 @ 15 cm (ctr)	1 (h)	Bot	1	16.03	0.44	0.44	0.0100	16.00
B-2	2	3.20	2.90	40.0	40.0	7 #3 @ 7.5 cm (end)	1 (b)	Top	1	2.81	0.34	0.50	0.0100	16.00
						13 #3 @ 15 cm (ctr)	1 (h)	Bot	1	2.81	0.70	0.95	0.0100	16.00
B-2	1	3.20	2.93	40.0	40.0	8 #3 @ 7.5 cm (end)	1 (b)	Top	1	8.77	0.37	0.95	0.0100	16.00
						12 #3 @ 15 cm (ctr)	1 (h)	Bot	1	8.77	0.24	0.53	0.0100	16.00

BEAM DESIGN PARAMETERS

CONCRETE  $f'c = 210.0 \text{ Kg/cm}^2$   
 REINFORCEMENT  
     Flexural  $fy = 4200.0 \text{ Kg/cm}^2$   
     Shear  $fy = 2400.0 \text{ Kg/cm}^2$  ( $f = 3/8''$ )

= 4200.0 Kg/cm2 (f > 3/8'')

Energy dissipation capacity : 3: Special-DES

Design Results - Beams

BEAM: A(3-4) FLOOR: 2

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=====
Length:  L = 1.79 m  a = 0.00 m  Section:  b = 15.0 cm
          Lu = 1.64 m  c = 0.15 m          h = 35.0 cm
=====
X, m:
Mu(-), ton-m:
Mu(+), ton-m:
As(-), cm2:
As(+), cm2:
vu, Kg/cm2:
Stirrup:
Spacing, cm:

```

	0.00	0.16	0.33	0.49	0.66	0.82	0.98	1.15	1.31	1.48	1.64
Mu(-), ton-m:	0.00	-0.04	-0.08	-0.14	-0.20	-0.28	-0.37	-0.47	-0.58	-0.70	-0.83
Mu(+), ton-m:	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As(-), cm2:	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51
As(+), cm2:	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51
vu, Kg/cm2:	0.48	0.63	0.78	0.93	1.08	1.23	1.38	1.53	1.68	1.71	1.71
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00

DESIGN

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A-3 11 #3@ 15 A-4

BEAM: A(4-5) FLOOR: 2

```

=====
Length:  L = 1.79 m  a = 0.15 m  Section:  b = 15.0 cm
          Lu = 1.64 m  c = 0.00 m          h = 35.0 cm
=====
X, m:
Mu(-), ton-m:
Mu(+), ton-m:
As(-), cm2:
As(+), cm2:
vu, Kg/cm2:
Stirrup:
Spacing, cm:

```

	0.15	0.31	0.48	0.64	0.81	0.97	1.13	1.30	1.46	1.63	1.79
Mu(-), ton-m:	-0.84	-0.71	-0.59	-0.48	-0.38	-0.29	-0.21	-0.14	-0.08	-0.03	0.00
Mu(+), ton-m:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
As(-), cm2:	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51
As(+), cm2:	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51
vu, Kg/cm2:	1.74	1.74	1.71	1.56	1.41	1.26	1.11	0.96	0.81	0.66	0.51
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00

DESIGN

-----

A-4

11 #3@ 15

A-5

BEAM: B(2-4) FLOOR: 2

	Length: L = 3.58 m a = 0.20 m Section: b = 30.0 cm										
	Lu = 3.18 m c = 0.20 m h = 35.0 cm										
X, m:	0.20	0.52	0.84	1.15	1.47	1.79	2.11	2.43	2.74	3.06	3.38
Mu(-), ton-m:	-2.95	-2.17	-1.46	-0.84	-0.74	-0.74	-0.74	-0.74	-1.27	-2.03	-2.88
Mu(+), ton-m:	2.11	1.87	1.62	1.33	0.93	0.74	0.76	1.13	1.38	1.60	1.80
As(-), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	3.29	3.29	3.12	2.96	2.80	4.55	2.76	3.01	3.26	3.51	3.52
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	7.50	7.50	7.50	15.00	15.00	15.00	15.00	15.00	7.50	7.50	7.50

DESIGN

B-2

11 #3@ 7.5 9 #3@ 15 11 #3@ 7.5

B-4

BEAM: B(4-6) FLOOR: 2

	Length: L = 3.58 m a = 0.20 m Section: b = 30.0 cm										
	Lu = 3.18 m c = 0.20 m h = 35.0 cm										
X, m:	0.20	0.52	0.84	1.15	1.47	1.79	2.11	2.43	2.74	3.06	3.38
Mu(-), ton-m:	-2.74	-1.93	-1.22	-0.69	-0.69	-0.69	-0.69	-0.69	-1.24	-1.92	-2.66
Mu(+), ton-m:	1.65	1.50	1.33	1.14	0.88	0.69	0.87	1.13	1.34	1.53	1.72
As(-), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	3.30	3.29	3.04	2.79	2.54	2.29	2.61	2.77	2.94	3.10	3.11
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	7.50	7.50	7.50	15.00	15.00	15.00	15.00	15.00	7.50	7.50	7.50

DESIGN

B-4

11 #3@ 7.5 9 #3@ 15 11 #3@ 7.5

B-6

BEAM: B(6-7) FLOOR: 2

Length: L = 3.57 m a = 0.20 m Section: b = 30.0 cm

	Lu = 3.17 m			c = 0.20 m			h = 35.0 cm				
X, m:	0.20	0.52	0.83	1.15	1.47	1.79	2.10	2.42	2.74	3.05	3.37
Mu(-), ton-m:	-2.42	-1.87	-1.34	-0.84	-0.61	-0.61	-0.61	-0.79	-1.27	-1.77	-2.29
Mu(+), ton-m:	1.90	1.57	1.24	0.88	0.61	0.61	0.61	0.93	1.31	1.67	2.01
As(-), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	2.49	2.48	2.41	2.34	2.27	2.20	2.18	2.25	2.33	2.40	2.40
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	7.50	7.50	7.50	15.00	15.00	15.00	15.00	15.00	7.50	7.50	7.50

DESIGN

B-6 11 #3@ 7.5 9 #3@ 15 11 #3@ 7.5 B-7

BEAM: B(7-8) FLOOR: 2

	Length: L = 3.57 m			a = 0.20 m			Section: b = 30.0 cm				
	Lu = 3.17 m			c = 0.20 m			h = 35.0 cm				
X, m:	0.20	0.52	0.83	1.15	1.47	1.79	2.10	2.42	2.74	3.05	3.37
Mu(-), ton-m:	-2.30	-1.77	-1.26	-0.78	-0.58	-0.58	-0.58	-0.78	-1.26	-1.78	-2.31
Mu(+), ton-m:	1.97	1.65	1.31	0.94	0.58	0.58	0.58	0.93	1.29	1.63	1.95
As(-), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	2.37	2.36	2.29	2.22	2.15	2.09	2.16	2.23	2.30	2.37	2.38
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	7.50	7.50	7.50	15.00	15.00	15.00	15.00	15.00	7.50	7.50	7.50

DESIGN

B-7 11 #3@ 7.5 9 #3@ 15 11 #3@ 7.5 B-8

BEAM: B(8-9) FLOOR: 2

	Length: L = 3.57 m			a = 0.20 m			Section: b = 30.0 cm				
	Lu = 3.17 m			c = 0.20 m			h = 35.0 cm				
X, m:	0.20	0.52	0.83	1.15	1.47	1.79	2.10	2.42	2.74	3.05	3.37
Mu(-), ton-m:	-2.35	-1.80	-1.28	-0.78	-0.60	-0.60	-0.60	-0.83	-1.33	-1.85	-2.40
Mu(+), ton-m:	1.99	1.66	1.30	0.92	0.60	0.60	0.60	0.97	1.34	1.70	2.03
As(-), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01

As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	2.42	2.42	2.35	2.28	2.21	2.14	2.21	2.28	2.35	2.42	2.42
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	7.50	7.50	7.50	15.00	15.00	15.00	15.00	15.00	7.50	7.50	7.50

DESIGN

B-8 11 #3@ 7.5 9 #3@ 15 11 #3@ 7.5 B-9

BEAM: B(9-10) FLOOR: 2

	=====										
	Length: L = 4.61 m a = 0.20 m Section: b = 30.0 cm										
	Lu = 4.21 m c = 0.20 m h = 35.0 cm										
	-----										
X, m:	0.20	0.62	1.04	1.46	1.88	2.31	2.73	3.15	3.57	3.99	4.41
Mu(-), ton-m:	-2.08	-1.53	-1.02	-0.57	-0.52	-0.52	-0.52	-0.57	-1.02	-1.52	-2.07
Mu(+), ton-m:	1.44	1.26	1.07	0.84	0.56	0.52	0.56	0.84	1.08	1.27	1.44
As(-), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	1.71	1.68	1.59	1.49	1.39	1.29	1.39	1.48	1.58	1.68	1.70
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	7.50	7.50	15.00	15.00	15.00	15.00	15.00	15.00	15.00	7.50	7.50

DESIGN

B-9 11 #3@ 7.5 16 #3@ 15 11 #3@ 7.5 B-10

BEAM: B(10-11) FLOOR: 2

	=====										
	Length: L = 3.57 m a = 0.20 m Section: b = 30.0 cm										
	Lu = 3.17 m c = 0.20 m h = 35.0 cm										
	-----										
X, m:	0.20	0.52	0.83	1.15	1.47	1.79	2.10	2.42	2.74	3.05	3.37
Mu(-), ton-m:	-2.40	-1.86	-1.34	-0.84	-0.60	-0.60	-0.60	-0.79	-1.28	-1.80	-2.35
Mu(+), ton-m:	2.01	1.69	1.33	0.96	0.60	0.60	0.60	0.92	1.29	1.65	1.98
As(-), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	2.42	2.42	2.35	2.28	2.21	2.13	2.20	2.27	2.34	2.41	2.42
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	7.50	7.50	7.50	15.00	15.00	15.00	15.00	15.00	7.50	7.50	7.50

DESIGN



```

=====
Length: L = 1.57 m a = 0.15 m Section: b = 30.0 cm
Lu = 1.22 m c = 0.20 m h = 35.0 cm
=====
X, m: 0.15 0.27 0.39 0.52 0.64 0.76 0.88 1.00 1.13 1.25 1.37
Mu(-), ton-m: -0.71 -0.83 -1.03 -1.24 -1.45 -1.68 -1.91 -2.14 -2.37 -2.60 -2.84
Mu(+), ton-m: 1.37 1.47 1.57 1.66 1.76 1.85 1.94 2.02 2.10 2.18 2.26
As(-), cm2: 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01
As(+), cm2: 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01
vu, Kg/cm2: 5.86 5.86 5.86 5.87 5.89 5.92 5.94 5.97 5.98 5.98 5.98
Stirrup: #3 #3 #3 #3 #3 #3 #3 #3 #3 #3 #3
Spacing, cm: 7.50 7.50 7.50 7.50 7.50 7.50 7.50 7.50 7.50 7.50 7.50

```

DESIGN

```

-----
B-13 16 #3@ 7.5 B-14

```

BEAM: D(1-2) FLOOR: 2

```

=====
Length: L = 1.20 m a = 0.00 m Section: b = 30.0 cm
Lu = 1.00 m c = 0.20 m h = 35.0 cm
=====
X, m: 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00
Mu(-), ton-m: 0.00 -0.08 -0.17 -0.27 -0.37 -0.47 -0.58 -0.70 -0.83 -0.96 -1.10
Mu(+), ton-m: 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00
As(-), cm2: 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01
As(+), cm2: 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01
vu, Kg/cm2: 1.05 1.13 1.21 1.30 1.38 1.46 1.55 1.63 1.63 1.63 1.63
Stirrup: #3 #3 #3 #3 #3 #3 #3 #3 #3 #3 #3
Spacing, cm: 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00

```

DESIGN

```

-----
D-1 7 #3@ 15 D-2

```

BEAM: D(2-4) FLOOR: 2

```

=====
Length: L = 3.58 m a = 0.20 m Section: b = 30.0 cm
Lu = 3.18 m c = 0.20 m h = 35.0 cm
=====
X, m: 0.20 0.52 0.84 1.15 1.47 1.79 2.11 2.43 2.74 3.06 3.38
Mu(-), ton-m: -3.15 -2.28 -1.51 -0.87 -0.79 -0.79 -0.79 -0.79 -1.35 -2.13 -3.02

```



Mu(+), ton-m:	1.92	1.72	1.49	1.25	0.87	0.79	0.79	1.03	1.27	1.49	1.68
As(-), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	3.60	3.58	3.28	2.98	2.68	4.56	2.72	3.02	3.32	3.62	3.64
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	7.50	7.50	7.50	15.00	15.00	15.00	15.00	15.00	7.50	7.50	7.50

DESIGN

D-2 11 #3@ 7.5 9 #3@ 15 11 #3@ 7.5 D-4

BEAM: D(4-6) FLOOR: 2

	Length:		L = 3.58 m	a = 0.20 m	Section:	b = 30.0 cm					
			Lu = 3.18 m	c = 0.20 m		h = 35.0 cm					
X, m:	0.20	0.52	0.84	1.15	1.47	1.79	2.11	2.43	2.74	3.06	3.38
Mu(-), ton-m:	-3.41	-2.23	-1.20	-0.88	-0.88	-0.88	-0.88	-0.88	-1.15	-2.26	-3.54
Mu(+), ton-m:	1.71	1.21	1.34	1.54	1.68	1.81	1.73	1.59	1.38	1.24	1.77
As(-), cm2:	3.14	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.26
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	4.98	4.96	4.66	4.36	4.06	3.76	4.21	4.51	4.82	5.12	5.13
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	7.50	7.50	7.50	15.00	15.00	15.00	15.00	15.00	7.50	7.50	7.50

DESIGN

D-4 11 #3@ 7.5 9 #3@ 15 11 #3@ 7.5 D-6

BEAM: D(6-7) FLOOR: 2

	Length:		L = 3.57 m	a = 0.20 m	Section:	b = 30.0 cm					
			Lu = 3.17 m	c = 0.20 m		h = 35.0 cm					
X, m:	0.20	0.52	0.83	1.15	1.47	1.79	2.10	2.42	2.74	3.05	3.37
Mu(-), ton-m:	-3.11	-2.28	-1.51	-0.82	-0.78	-0.78	-0.78	-0.80	-1.32	-1.89	-2.55
Mu(+), ton-m:	1.59	1.37	1.11	0.83	0.78	0.78	0.91	1.34	1.71	2.02	2.29
As(-), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	3.73	3.72	3.51	3.30	3.09	2.88	2.67	2.80	3.01	3.22	3.23
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	7.50	7.50	7.50	15.00	15.00	15.00	15.00	15.00	7.50	7.50	7.50

DESIGN

D-6 11 #3@ 7.5 9 #3@ 15 11 #3@ 7.5 D-7

BEAM: D' (5-7) FLOOR: 2

	=====										
	Length: L = 5.36 m a = 0.00 m Section: b = 30.0 cm										
	Lu = 5.21 m c = 0.15 m h = 35.0 cm										
	-----										
X, m:	0.00	0.52	1.04	1.56	2.08	2.61	3.13	3.65	4.17	4.69	5.21
Mu(-), ton-m:	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06
Mu(+), ton-m:	0.00	0.97	1.83	2.45	2.82	2.94	2.87	2.55	2.02	1.27	0.35
As(-), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	2.62	2.10	1.59	1.07	0.56	0.08	0.44	0.93	1.43	1.93	2.14
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00

DESIGN

D'-5 35 #3@ 15 D'-7

BEAM: E(1-2) FLOOR: 2

	=====										
	Length: L = 1.20 m a = 0.00 m Section: b = 30.0 cm										
	Lu = 1.00 m c = 0.20 m h = 35.0 cm										
	-----										
X, m:	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00
Mu(-), ton-m:	0.00	-0.09	-0.19	-0.30	-0.40	-0.52	-0.63	-0.76	-0.89	-1.02	-1.16
Mu(+), ton-m:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As(-), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	1.22	1.29	1.35	1.41	1.48	1.54	1.60	1.67	1.67	1.67	1.67
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00

DESIGN

E-1 7 #3@ 15 E-2

BEAM: E(2-4) FLOOR: 2

```

=====
Length:  L = 3.58 m  a = 0.20 m  Section:  b = 30.0 cm
          Lu = 3.18 m  c = 0.20 m          h = 35.0 cm
-----
X, m:      0.20  0.52  0.84  1.15  1.47  1.79  2.11  2.43  2.74  3.06  3.38
Mu(-), ton-m: -2.59 -2.00 -1.47 -0.99 -0.98 -0.98 -0.98 -1.48 -2.24 -3.05 -3.92
Mu(+), ton-m:  2.31  1.91  1.47  1.00  0.98  0.98  0.98  0.98  0.98  1.12  1.96
As(-), cm2:   3.01  3.01  3.01  3.01  3.01  3.01  3.01  3.01  3.01  3.01  3.63
As(+), cm2:   3.01  3.01  3.01  3.01  3.01  3.01  3.01  3.01  3.01  3.01  3.01
vu, Kg/cm2:   3.27  3.27  3.10  3.10  3.26  5.31  3.67  3.84  4.00  4.16  4.17
Stirrup:      #3    #3    #3    #3    #3    #3    #3    #3    #3    #3    #3
Spacing, cm:  7.50  7.50  7.50  15.00  15.00  15.00  15.00  15.00  7.50  7.50  7.50

```

DESIGN

```

-----
E-2              11 #3@ 7.5  9 #3@ 15  11 #3@ 7.5              E-4

```

BEAM: E(4-5) FLOOR: 2

```

=====
Length:  L = 1.79 m  a = 0.20 m  Section:  b = 30.0 cm
          Lu = 1.59 m  c = 0.00 m          h = 35.0 cm
-----
X, m:      0.20  0.36  0.52  0.68  0.84  0.99  1.15  1.31  1.47  1.63  1.79
Mu(-), ton-m: -7.10 -6.31 -5.54 -4.78 -4.03 -3.31 -2.60 -1.90 -1.22 -0.56  0.00
Mu(+), ton-m:  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.02  0.21
As(-), cm2:   6.88  6.04  5.24  4.47  3.74  3.03  3.01  3.01  3.01  3.01  3.01
As(+), cm2:   3.01  3.01  3.01  3.01  3.01  3.01  3.01  3.01  3.01  3.01  3.01
vu, Kg/cm2:   6.06  6.06  6.05  5.94  5.83  5.72  5.62  5.51  5.40  5.29  5.18
Stirrup:      #3    #3    #3    #3    #3    #3    #3    #3    #3    #3    #3
Spacing, cm:  15.00  15.00  15.00  15.00  15.00  15.00  15.00  15.00  15.00  15.00  15.00

```

DESIGN

```

-----
E-4              11 #3@ 15              E-5

```

BEAM: F(13-14) FLOOR: 2

```

=====
Length:  L = 1.57 m  a = 0.20 m  Section:  b = 30.0 cm
          Lu = 1.17 m  c = 0.20 m          h = 35.0 cm
-----

```

X, m:	0.20	0.32	0.43	0.55	0.67	0.78	0.90	1.02	1.14	1.25	1.37
Mu(-), ton-m:	-2.01	-1.48	-0.96	-0.73	-0.73	-0.73	-0.73	-0.77	-1.49	-2.21	-2.94
Mu(+), ton-m:	5.12	4.33	3.54	2.74	1.98	1.30	1.62	2.03	2.48	2.93	3.38
As(-), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
As(+), cm2:	4.82	4.03	3.26	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.11
vu, Kg/cm2:	12.45	12.45	12.45	12.46	12.48	12.50	12.52	12.54	12.55	12.55	12.55
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50

DESIGN

F-13 15 #3@ 7.5 F-14

BEAM: F' (5-7) FLOOR: 2

=====											
Length: L = 5.36 m a = 0.00 m Section: b = 15.0 cm											
Lu = 5.21 m c = 0.15 m h = 35.0 cm											
-----											
X, m:	0.00	0.52	1.04	1.56	2.08	2.61	3.13	3.65	4.17	4.69	5.21
Mu(-), ton-m:	-0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-0.56	-1.33
Mu(+), ton-m:	0.00	0.43	0.85	1.11	1.20	1.14	0.95	0.60	0.14	0.01	0.00
As(-), cm2:	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51
As(+), cm2:	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51
vu, Kg/cm2:	2.82	2.14	1.45	0.77	0.11	0.56	1.22	1.87	2.53	3.19	3.47
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00

DESIGN

F'-5 35 #3@ 15 F'-7

BEAM: F' (7-8) FLOOR: 2

=====											
Length: L = 3.57 m a = 0.15 m Section: b = 15.0 cm											
Lu = 3.27 m c = 0.15 m h = 35.0 cm											
-----											
X, m:	0.15	0.48	0.80	1.13	1.46	1.79	2.11	2.44	2.77	3.09	3.42
Mu(-), ton-m:	-1.34	-0.98	-0.68	-0.43	-0.33	-0.33	-0.33	-0.33	-0.33	-0.33	-0.33
Mu(+), ton-m:	0.67	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33
As(-), cm2:	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51
As(+), cm2:	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51
vu, Kg/cm2:	3.21	3.19	2.89	2.60	2.30	2.00	1.71	1.42	1.62	1.91	1.94

Stirrup: #3 #3 #3 #3 #3 #3 #3 #3 #3 #3 #3  
 Spacing, cm: 7.50 7.50 7.50 15.00 15.00 15.00 15.00 15.00 7.50 7.50 7.50

DESIGN

-----  
 F'-7 11 #3@ 7.5 10 #3@ 15 11 #3@ 7.5 F'-8

BEAM: F' (8-9) FLOOR: 2

=====  
 Length: L = 3.57 m a = 0.15 m Section: b = 15.0 cm  
 Lu = 3.27 m c = 0.15 m h = 35.0 cm  
 -----  
 X, m: 0.15 0.48 0.80 1.13 1.46 1.79 2.11 2.44 2.77 3.09 3.42  
 Mu(-), ton-m: -0.19 -0.17 -0.17 -0.17 -0.17 -0.17 -0.17 -0.17 -0.17 -0.40 -0.69  
 Mu(+), ton-m: 0.17 0.17 0.18 0.25 0.27 0.25 0.17 0.17 0.17 0.17 0.34  
 As(-), cm2: 1.51 1.51 1.51 1.51 1.51 1.51 1.51 1.51 1.51 1.51 1.51  
 As(+), cm2: 1.51 1.51 1.51 1.51 1.51 1.51 1.51 1.51 1.51 1.51 1.51  
 vu, Kg/cm2: 1.65 1.63 1.33 1.04 0.78 1.03 1.33 1.62 1.92 2.21 2.24  
 Stirrup: #3 #3 #3 #3 #3 #3 #3 #3 #3 #3 #3  
 Spacing, cm: 7.50 7.50 7.50 15.00 15.00 15.00 15.00 15.00 7.50 7.50 7.50

DESIGN

-----  
 F'-8 11 #3@ 7.5 10 #3@ 15 11 #3@ 7.5 F'-9

BEAM: F' (9-10) FLOOR: 2

=====  
 Length: L = 4.61 m a = 0.15 m Section: b = 15.0 cm  
 Lu = 4.31 m c = 0.15 m h = 35.0 cm  
 -----  
 X, m: 0.15 0.58 1.01 1.44 1.87 2.31 2.74 3.17 3.60 4.03 4.46  
 Mu(-), ton-m: -0.67 -0.25 -0.17 -0.17 -0.17 -0.17 -0.17 -0.17 -0.17 -0.21 -0.62  
 Mu(+), ton-m: 0.34 0.17 0.17 0.36 0.51 0.57 0.52 0.38 0.17 0.17 0.31  
 As(-), cm2: 1.51 1.51 1.51 1.51 1.51 1.51 1.51 1.51 1.51 1.51 1.51  
 As(+), cm2: 1.51 1.51 1.51 1.51 1.51 1.51 1.51 1.51 1.51 1.51 1.51  
 vu, Kg/cm2: 2.44 2.32 1.92 1.52 1.12 0.73 1.08 1.48 1.88 2.27 2.39  
 Stirrup: #3 #3 #3 #3 #3 #3 #3 #3 #3 #3 #3  
 Spacing, cm: 7.50 7.50 15.00 15.00 15.00 15.00 15.00 15.00 15.00 7.50 7.50

DESIGN

-----

F'-9

11 #3@ 7.5 17 #3@ 15 11 #3@ 7.5

F'-10

BEAM: F' (10-11) FLOOR: 2

```

=====
Length:  L = 3.57 m  a = 0.15 m  Section:  b = 15.0 cm
          Lu = 3.27 m  c = 0.15 m           h = 35.0 cm
-----
X, m:    0.15    0.48    0.80    1.13    1.46    1.79    2.11    2.44    2.77    3.09    3.42
Mu(-), ton-m: -0.65  -0.38  -0.17  -0.16  -0.16  -0.16  -0.16  -0.16  -0.16  -0.21  -0.41
Mu(+), ton-m:  0.32    0.16    0.16    0.16    0.16    0.18    0.19    0.16    0.16    0.16    0.21
As(-), cm2:   1.51    1.51    1.51    1.51    1.51    1.51    1.51    1.51    1.51    1.51    1.51
As(+), cm2:   1.51    1.51    1.51    1.51    1.51    1.51    1.51    1.51    1.51    1.51    1.51
vu, Kg/cm2:   2.17    2.15    1.85    1.56    1.26    0.96    0.94    1.23    1.53    1.82    1.85
Stirrup:      #3      #3      #3      #3      #3      #3      #3      #3      #3      #3      #3
Spacing, cm:  7.50    7.50    7.50   15.00   15.00   15.00   15.00   15.00   7.50    7.50    7.50
  
```

DESIGN

F'-10

11 #3@ 7.5 10 #3@ 15 11 #3@ 7.5

F'-11

BEAM: F' (11-12) FLOOR: 2

```

=====
Length:  L = 3.57 m  a = 0.15 m  Section:  b = 15.0 cm
          Lu = 3.27 m  c = 0.15 m           h = 35.0 cm
-----
X, m:    0.15    0.48    0.80    1.13    1.46    1.79    2.11    2.44    2.77    3.09    3.42
Mu(-), ton-m: -0.34  -0.14  -0.14  -0.14  -0.14  -0.14  -0.14  -0.14  -0.14  -0.30  -0.54
Mu(+), ton-m:  0.17    0.14    0.14    0.24    0.33    0.37    0.36    0.30    0.19    0.14    0.27
As(-), cm2:   1.51    1.51    1.51    1.51    1.51    1.51    1.51    1.51    1.51    1.51    1.51
As(+), cm2:   1.51    1.51    1.51    1.51    1.51    1.51    1.51    1.51    1.51    1.51    1.51
vu, Kg/cm2:   1.85    1.83    1.53    1.23    0.94    0.70    0.99    1.29    1.59    1.88    1.91
Stirrup:      #3      #3      #3      #3      #3      #3      #3      #3      #3      #3      #3
Spacing, cm:  7.50    7.50    7.50   15.00   15.00   15.00   15.00   15.00   7.50    7.50    7.50
  
```

DESIGN

F'-11

11 #3@ 7.5 10 #3@ 15 11 #3@ 7.5

F'-12

BEAM: F' (12-14) FLOOR: 2

```

=====
Length:  L = 3.57 m  a = 0.15 m  Section:  b = 15.0 cm
  
```

	Lu = 3.32 m   c = 0.10 m					h = 35.0 cm					
X, m:	0.15	0.48	0.81	1.15	1.48	1.81	2.14	2.47	2.81	3.14	3.47
Mu(-), ton-m:	-0.58	-0.28	-0.28	-0.28	-0.28	-0.28	-0.36	-0.51	-0.69	-0.89	-1.11
Mu(+), ton-m:	0.29	0.28	0.28	0.28	0.39	0.51	0.58	0.62	0.66	0.70	0.74
As(-), cm2:	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51
As(+), cm2:	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51
vu, Kg/cm2:	2.42	2.39	2.08	1.78	1.48	1.43	1.64	1.71	1.79	1.87	1.88
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	7.50	7.50	7.50	15.00	15.00	15.00	15.00	15.00	7.50	7.50	7.50

DESIGN

-----

F'-12    11 #3@ 7.5   10 #3@ 15   11 #3@ 7.5    F'-14

BEAM: G(1-2) FLOOR: 2

	Length: L = 1.20 m   a = 0.00 m   Section: b = 30.0 cm					Lu = 1.00 m   c = 0.20 m    h = 35.0 cm					
X, m:	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00
Mu(-), ton-m:	0.00	-0.18	-0.36	-0.55	-0.74	-0.94	-1.14	-1.35	-1.57	-1.79	-2.01
Mu(+), ton-m:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As(-), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	2.34	2.41	2.47	2.54	2.61	2.68	2.75	2.82	2.82	2.82	2.82
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00

DESIGN

-----

G-1    7 #3@ 15    G-2

BEAM: G(2-4) FLOOR: 2

	Length: L = 3.58 m   a = 0.20 m   Section: b = 30.0 cm					Lu = 3.18 m   c = 0.20 m    h = 35.0 cm					
X, m:	0.20	0.52	0.84	1.15	1.47	1.79	2.11	2.43	2.74	3.06	3.38
Mu(-), ton-m:	-3.33	-2.44	-1.64	-0.96	-0.83	-1.14	-0.83	-0.83	-1.29	-2.01	-2.84
Mu(+), ton-m:	1.80	1.61	1.37	1.11	0.83	0.83	0.83	1.03	1.30	1.56	1.78
As(-), cm2:	3.06	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01

As(+), cm <sup>2</sup> :	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm <sup>2</sup> :	3.74	3.73	3.44	3.15	2.86	4.48	2.67	2.96	3.25	3.53	3.55
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	7.50	7.50	7.50	15.00	15.00	15.00	15.00	15.00	7.50	7.50	7.50

DESIGN

G-2 11 #3@ 7.5 9 #3@ 15 11 #3@ 7.5 G-4

BEAM: G(4-6) FLOOR: 2

=====											
Length: L = 3.58 m    a = 0.20 m    Section:    b = 30.0 cm Lu = 3.18 m    c = 0.20 m                            h = 35.0 cm											
-----											
X, m:	0.20	0.52	0.84	1.15	1.47	1.79	2.11	2.43	2.74	3.06	3.38
Mu(-), ton-m:	-3.27	-2.17	-1.20	-0.86	-0.86	-0.86	-0.86	-0.86	-1.18	-2.23	-3.44
Mu(+), ton-m:	1.64	1.25	1.32	1.45	1.52	1.57	1.59	1.52	1.37	1.30	1.72
As(-), cm <sup>2</sup> :	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.17
As(+), cm <sup>2</sup> :	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm <sup>2</sup> :	4.65	4.64	4.35	4.06	3.77	3.48	3.96	4.24	4.53	4.82	4.84
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	7.50	7.50	7.50	15.00	15.00	15.00	15.00	15.00	7.50	7.50	7.50

DESIGN

G-4 11 #3@ 7.5 9 #3@ 15 11 #3@ 7.5 G-6

BEAM: G(6-7) FLOOR: 2

=====											
Length: L = 3.57 m    a = 0.20 m    Section:    b = 30.0 cm Lu = 3.17 m    c = 0.20 m                            h = 35.0 cm											
-----											
X, m:	0.20	0.52	0.83	1.15	1.47	1.79	2.10	2.42	2.74	3.05	3.37
Mu(-), ton-m:	-3.04	-2.18	-1.41	-0.76	-0.76	-0.76	-0.76	-0.76	-1.12	-1.73	-2.46
Mu(+), ton-m:	1.52	1.29	1.12	0.92	0.76	0.76	0.83	1.16	1.40	1.60	1.77
As(-), cm <sup>2</sup> :	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
As(+), cm <sup>2</sup> :	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm <sup>2</sup> :	3.69	3.68	3.39	3.11	2.82	2.53	2.44	2.72	3.01	3.30	3.31
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	7.50	7.50	7.50	15.00	15.00	15.00	15.00	15.00	7.50	7.50	7.50

DESIGN



G-6 11 #3@ 7.5 9 #3@ 15 11 #3@ 7.5 G-7

BEAM: G(7-8) FLOOR: 2

=====  
Length: L = 3.57 m a = 0.20 m Section: b = 30.0 cm  
Lu = 3.17 m c = 0.20 m h = 35.0 cm  
=====

X, m:	0.20	0.52	0.83	1.15	1.47	1.79	2.10	2.42	2.74	3.05	3.37
Mu(-), ton-m:	-2.63	-1.83	-1.16	-0.69	-0.69	-0.69	-0.69	-0.69	-1.22	-1.93	-2.75
Mu(+), ton-m:	1.67	1.51	1.33	1.13	0.85	0.69	0.83	1.08	1.27	1.44	1.59
As(-), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	3.27	3.26	2.97	2.68	2.40	2.19	2.48	2.76	3.05	3.34	3.35
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	7.50	7.50	7.50	15.00	15.00	15.00	15.00	15.00	7.50	7.50	7.50

DESIGN

G-7 11 #3@ 7.5 9 #3@ 15 11 #3@ 7.5 G-8

BEAM: G(8-9) FLOOR: 2

=====  
Length: L = 3.57 m a = 0.20 m Section: b = 30.0 cm  
Lu = 3.17 m c = 0.20 m h = 35.0 cm  
=====

X, m:	0.20	0.52	0.83	1.15	1.47	1.79	2.10	2.42	2.74	3.05	3.37
Mu(-), ton-m:	-2.74	-1.93	-1.23	-0.71	-0.71	-0.71	-0.71	-0.71	-1.30	-2.01	-2.83
Mu(+), ton-m:	1.65	1.47	1.28	1.06	0.78	0.71	0.82	1.10	1.30	1.50	1.66
As(-), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	3.33	3.31	3.02	2.74	2.45	2.19	2.47	2.76	3.05	3.33	3.35
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	7.50	7.50	7.50	15.00	15.00	15.00	15.00	15.00	7.50	7.50	7.50

DESIGN

G-8 11 #3@ 7.5 9 #3@ 15 11 #3@ 7.5 G-9

BEAM: G(9-10) FLOOR: 2

```

=====
Length: L = 4.61 m a = 0.20 m Section: b = 30.0 cm
Lu = 4.21 m c = 0.20 m h = 35.0 cm
=====
X, m: 0.20 0.62 1.04 1.46 1.88 2.31 2.73 3.15 3.57 3.99 4.41
Mu(-), ton-m: -2.90 -1.82 -0.95 -0.73 -0.73 -0.73 -0.73 -0.73 -0.92 -1.78 -2.85
Mu(+), ton-m: 1.45 1.03 1.11 1.19 1.12 0.96 1.13 1.21 1.13 1.05 1.43
As(-), cm2: 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01
As(+), cm2: 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01
vu, Kg/cm2: 3.28 3.17 2.77 2.38 1.99 1.60 1.97 2.36 2.75 3.14 3.25
Stirrup: #3 #3 #3 #3 #3 #3 #3 #3 #3 #3 #3
Spacing, cm: 7.50 7.50 15.00 15.00 15.00 15.00 15.00 15.00 15.00 7.50 7.50

```

DESIGN

```

-----
G-9 11 #3@ 7.5 16 #3@ 15 11 #3@ 7.5 G-10

```

BEAM: G(10-11) FLOOR: 2

```

=====
Length: L = 3.57 m a = 0.20 m Section: b = 30.0 cm
Lu = 3.17 m c = 0.20 m h = 35.0 cm
=====
X, m: 0.20 0.52 0.83 1.15 1.47 1.79 2.10 2.42 2.74 3.05 3.37
Mu(-), ton-m: -2.90 -2.07 -1.34 -0.73 -0.73 -0.73 -0.73 -0.73 -1.19 -1.87 -2.67
Mu(+), ton-m: 1.62 1.46 1.27 1.06 0.80 0.73 0.80 1.10 1.31 1.52 1.69
As(-), cm2: 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01
As(+), cm2: 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01
vu, Kg/cm2: 3.46 3.45 3.16 2.87 2.59 2.30 2.46 2.75 3.03 3.32 3.34
Stirrup: #3 #3 #3 #3 #3 #3 #3 #3 #3 #3 #3
Spacing, cm: 7.50 7.50 7.50 15.00 15.00 15.00 15.00 15.00 7.50 7.50 7.50

```

DESIGN

```

-----
G-10 11 #3@ 7.5 9 #3@ 15 11 #3@ 7.5 G-11

```

BEAM: G(11-12) FLOOR: 2

```

=====
Length: L = 3.57 m a = 0.20 m Section: b = 30.0 cm
Lu = 3.17 m c = 0.20 m h = 35.0 cm
=====
X, m: 0.20 0.52 0.83 1.15 1.47 1.79 2.10 2.42 2.74 3.05 3.37
Mu(-), ton-m: -2.76 -1.94 -1.23 -0.69 -0.69 -0.69 -0.69 -0.69 -1.10 -1.75 -2.53

```

Mu(+), ton-m:	1.57	1.42	1.26	1.08	0.84	0.69	0.85	1.13	1.33	1.50	1.64
As(-), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	3.38	3.36	3.07	2.79	2.50	2.21	2.36	2.65	2.94	3.22	3.24
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	7.50	7.50	7.50	15.00	15.00	15.00	15.00	15.00	7.50	7.50	7.50

DESIGN

-----  
 G-11 11 #3@ 7.5 9 #3@ 15 11 #3@ 7.5 G-12

BEAM: G(12-14) FLOOR: 2

=====  
 Length: L = 3.57 m a = 0.20 m Section: b = 30.0 cm  
 Lu = 3.17 m c = 0.20 m h = 35.0 cm  
 =====

X, m:	0.20	0.52	0.83	1.15	1.47	1.79	2.10	2.42	2.74	3.05	3.37
Mu(-), ton-m:	-2.67	-1.93	-1.26	-0.76	-0.76	-0.76	-0.76	-1.16	-1.76	-2.40	-3.05
Mu(+), ton-m:	2.09	1.75	1.39	0.98	0.76	0.76	0.93	1.35	1.74	2.13	2.51
As(-), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	3.13	3.12	2.95	2.77	2.59	2.62	2.77	2.83	2.90	2.97	2.98
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	7.50	7.50	7.50	15.00	15.00	15.00	15.00	15.00	7.50	7.50	7.50

DESIGN

-----  
 G-12 11 #3@ 7.5 9 #3@ 15 11 #3@ 7.5 G-14

BEAM: H(2-4) FLOOR: 2

=====  
 Length: L = 3.58 m a = 0.20 m Section: b = 30.0 cm  
 Lu = 3.18 m c = 0.20 m h = 35.0 cm  
 =====

X, m:	0.20	0.52	0.84	1.15	1.47	1.79	2.11	2.43	2.74	3.06	3.38
Mu(-), ton-m:	-3.02	-2.21	-1.48	-0.85	-0.75	-0.75	-0.75	-0.75	-1.24	-1.99	-2.85
Mu(+), ton-m:	2.08	1.83	1.58	1.33	1.00	0.75	0.85	1.17	1.40	1.62	1.82
As(-), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	3.39	3.38	3.20	3.01	2.83	4.53	2.72	2.99	3.27	3.54	3.55
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	7.50	7.50	7.50	15.00	15.00	15.00	15.00	15.00	7.50	7.50	7.50

DESIGN

H-2 11 #3@ 7.5 9 #3@ 15 11 #3@ 7.5 H-4

BEAM: H(4-6) FLOOR: 2

	Length: L = 3.58 m a = 0.20 m Section: b = 30.0 cm Lu = 3.18 m c = 0.20 m h = 35.0 cm										
X, m:	0.20	0.52	0.84	1.15	1.47	1.79	2.11	2.43	2.74	3.06	3.38
Mu(-), ton-m:	-2.82	-1.97	-1.24	-0.70	-0.70	-0.70	-0.70	-0.70	-1.23	-1.91	-2.67
Mu(+), ton-m:	1.60	1.46	1.29	1.12	0.88	0.70	0.89	1.14	1.33	1.53	1.72
As(-), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	3.45	3.44	3.16	2.89	2.62	2.35	2.65	2.83	3.02	3.20	3.21
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	7.50	7.50	7.50	15.00	15.00	15.00	15.00	15.00	7.50	7.50	7.50

DESIGN

H-4 11 #3@ 7.5 9 #3@ 15 11 #3@ 7.5 H-6

BEAM: H(6-7) FLOOR: 2

	Length: L = 3.57 m a = 0.20 m Section: b = 30.0 cm Lu = 3.17 m c = 0.20 m h = 35.0 cm										
X, m:	0.20	0.52	0.83	1.15	1.47	1.79	2.10	2.42	2.74	3.05	3.37
Mu(-), ton-m:	-2.66	-1.96	-1.32	-0.75	-0.66	-0.66	-0.66	-0.71	-1.22	-1.81	-2.48
Mu(+), ton-m:	1.76	1.52	1.26	0.98	0.67	0.66	0.70	1.05	1.35	1.62	1.87
As(-), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	3.01	3.00	2.81	2.63	2.45	2.27	2.33	2.51	2.69	2.88	2.89
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	7.50	7.50	7.50	15.00	15.00	15.00	15.00	15.00	7.50	7.50	7.50

DESIGN

H-6 11 #3@ 7.5 9 #3@ 15 11 #3@ 7.5 H-7

BEAM: H(7-8) FLOOR: 2

```

=====
Length:  L = 3.57 m  a = 0.20 m  Section:  b = 30.0 cm
          Lu = 3.17 m  c = 0.20 m          h = 35.0 cm
-----
X, m:      0.20  0.52  0.83  1.15  1.47  1.79  2.10  2.42  2.74  3.05  3.37
Mu(-), ton-m: -2.60 -1.90 -1.28 -0.73 -0.65 -0.65 -0.65 -0.70 -1.22 -1.81 -2.49
Mu(+), ton-m:  1.79  1.55  1.29  1.02  0.69  0.65  0.71  1.06  1.35  1.61  1.85
As(-), cm2:   3.01  3.01  3.01  3.01  3.01  3.01  3.01  3.01  3.01  3.01  3.01
As(+), cm2:   3.01  3.01  3.01  3.01  3.01  3.01  3.01  3.01  3.01  3.01  3.01
vu, Kg/cm2:   2.95  2.94  2.75  2.57  2.39  2.20  2.31  2.50  2.68  2.86  2.87
Stirrup:      #3    #3    #3    #3    #3    #3    #3    #3    #3    #3    #3
Spacing, cm:  7.50  7.50  7.50  15.00  15.00  15.00  15.00  15.00  7.50  7.50  7.50

```

DESIGN

```

-----
H-7              11 #3@ 7.5  9 #3@ 15  11 #3@ 7.5              H-8

```

BEAM: H(8-9) FLOOR: 2

```

=====
Length:  L = 3.57 m  a = 0.20 m  Section:  b = 30.0 cm
          Lu = 3.17 m  c = 0.20 m          h = 35.0 cm
-----
X, m:      0.20  0.52  0.83  1.15  1.47  1.79  2.10  2.42  2.74  3.05  3.37
Mu(-), ton-m: -2.59 -1.91 -1.29 -0.74 -0.68 -0.68 -0.68 -0.80 -1.37 -2.01 -2.71
Mu(+), ton-m:  1.84  1.57  1.29  0.99  0.68  0.68  0.68  1.00  1.30  1.58  1.83
As(-), cm2:   3.01  3.01  3.01  3.01  3.01  3.01  3.01  3.01  3.01  3.01  3.01
As(+), cm2:   3.01  3.01  3.01  3.01  3.01  3.01  3.01  3.01  3.01  3.01  3.01
vu, Kg/cm2:   2.93  2.92  2.74  2.56  2.37  2.24  2.42  2.60  2.78  2.97  2.98
Stirrup:      #3    #3    #3    #3    #3    #3    #3    #3    #3    #3    #3
Spacing, cm:  7.50  7.50  7.50  15.00  15.00  15.00  15.00  15.00  7.50  7.50  7.50

```

DESIGN

```

-----
H-8              11 #3@ 7.5  9 #3@ 15  11 #3@ 7.5              H-9

```

BEAM: H(9-10) FLOOR: 2

```

=====
Length:  L = 4.61 m  a = 0.20 m  Section:  b = 30.0 cm
          Lu = 4.21 m  c = 0.20 m          h = 35.0 cm
-----

```

X, m:	0.20	0.62	1.04	1.46	1.88	2.31	2.73	3.15	3.57	3.99	4.41
Mu(-), ton-m:	-2.87	-1.82	-0.97	-0.72	-0.72	-0.72	-0.72	-0.72	-0.95	-1.79	-2.84
Mu(+), ton-m:	1.44	1.09	1.15	1.20	1.10	0.92	1.11	1.21	1.17	1.11	1.42
As(-), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	3.17	3.06	2.69	2.32	1.95	1.58	1.93	2.30	2.67	3.04	3.15
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	7.50	7.50	15.00	15.00	15.00	15.00	15.00	15.00	15.00	7.50	7.50

DESIGN

H-9 11 #3@ 7.5 16 #3@ 15 11 #3@ 7.5 H-10

BEAM: H(10-11) FLOOR: 2

=====											
Length: L = 3.57 m a = 0.20 m Section: b = 30.0 cm											
Lu = 3.17 m c = 0.20 m h = 35.0 cm											
-----											
X, m:	0.20	0.52	0.83	1.15	1.47	1.79	2.10	2.42	2.74	3.05	3.37
Mu(-), ton-m:	-2.95	-2.12	-1.38	-0.76	-0.74	-0.74	-0.74	-0.74	-1.23	-1.91	-2.69
Mu(+), ton-m:	1.69	1.51	1.30	1.08	0.79	0.74	0.79	1.11	1.36	1.57	1.77
As(-), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	3.46	3.45	3.18	2.90	2.63	2.36	2.50	2.77	3.04	3.31	3.33
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	7.50	7.50	7.50	15.00	15.00	15.00	15.00	15.00	7.50	7.50	7.50

DESIGN

H-10 11 #3@ 7.5 9 #3@ 15 11 #3@ 7.5 H-11

BEAM: H(11-12) FLOOR: 2

=====											
Length: L = 3.57 m a = 0.20 m Section: b = 30.0 cm											
Lu = 3.17 m c = 0.20 m h = 35.0 cm											
-----											
X, m:	0.20	0.52	0.83	1.15	1.47	1.79	2.10	2.42	2.74	3.05	3.37
Mu(-), ton-m:	-2.76	-1.95	-1.24	-0.69	-0.69	-0.69	-0.69	-0.69	-1.14	-1.80	-2.57
Mu(+), ton-m:	1.66	1.49	1.31	1.12	0.85	0.69	0.87	1.17	1.40	1.58	1.75
As(-), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	3.35	3.34	3.07	2.80	2.53	2.26	2.41	2.68	2.95	3.22	3.23

Stirrup: #3 #3 #3 #3 #3 #3 #3 #3 #3 #3 #3  
 Spacing, cm: 7.50 7.50 7.50 15.00 15.00 15.00 15.00 15.00 7.50 7.50 7.50

DESIGN

H-11 11 #3@ 7.5 9 #3@ 15 11 #3@ 7.5 H-12

BEAM: H(12-14) FLOOR: 2

Length: L = 3.57 m a = 0.20 m Section: b = 30.0 cm  
 Lu = 3.17 m c = 0.20 m h = 35.0 cm

X, m:	0.20	0.52	0.83	1.15	1.47	1.79	2.10	2.42	2.74	3.05	3.37
Mu(-), ton-m:	-2.55	-1.94	-1.36	-0.80	-0.64	-0.64	-0.64	-1.00	-1.50	-2.03	-2.58
Mu(+), ton-m:	2.01	1.63	1.24	0.83	0.64	0.64	0.72	1.17	1.59	1.99	2.37
As(-), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	2.74	2.74	2.67	2.60	2.52	2.45	2.41	2.47	2.54	2.61	2.62
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	7.50	7.50	7.50	15.00	15.00	15.00	15.00	15.00	7.50	7.50	7.50

DESIGN

H-12 11 #3@ 7.5 9 #3@ 15 11 #3@ 7.5 H-14

BEAM: I(3-4) FLOOR: 2

Length: L = 1.79 m a = 0.00 m Section: b = 15.0 cm  
 Lu = 1.64 m c = 0.15 m h = 35.0 cm

X, m:	0.00	0.16	0.33	0.49	0.66	0.82	0.98	1.15	1.31	1.48	1.64
Mu(-), ton-m:	0.00	-0.04	-0.08	-0.14	-0.20	-0.28	-0.37	-0.47	-0.58	-0.69	-0.82
Mu(+), ton-m:	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As(-), cm2:	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51
As(+), cm2:	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51
vu, Kg/cm2:	0.48	0.63	0.78	0.93	1.08	1.23	1.38	1.53	1.68	1.70	1.70
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00

DESIGN

I-3

11 #3@ 15

I-4

BEAM: I(4-5) FLOOR: 2

```

=====
Length:  L = 1.79 m  a = 0.15 m  Section:  b = 15.0 cm
          Lu = 1.64 m  c = 0.00 m           h = 35.0 cm
-----
X, m:      0.15    0.31    0.48    0.64    0.81    0.97    1.13    1.30    1.46    1.63    1.79
Mu(-), ton-m: -0.84  -0.71  -0.59  -0.47  -0.37  -0.29  -0.21  -0.14  -0.08  -0.03  0.00
Mu(+), ton-m:  0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00    0.00  0.02
As(-), cm2:   1.51    1.51    1.51    1.51    1.51    1.51    1.51    1.51    1.51    1.51  1.51
As(+), cm2:   1.51    1.51    1.51    1.51    1.51    1.51    1.51    1.51    1.51    1.51  1.51
vu, Kg/cm2:   1.73    1.73    1.71    1.56    1.40    1.25    1.10    0.95    0.80    0.65    0.50
Stirrup:      #3      #3      #3      #3      #3      #3      #3      #3      #3      #3      #3
Spacing, cm:  15.00   15.00   15.00   15.00   15.00   15.00   15.00   15.00   15.00   15.00  15.00
=====

```

DESIGN

I-4

11 #3@ 15

I-5

BEAM: I(9-10) FLOOR: 2

```

=====
Length:  L = 4.61 m  a = 0.15 m  Section:  b = 30.0 cm
          Lu = 4.31 m  c = 0.15 m           h = 35.0 cm
-----
X, m:      0.15    0.58    1.01    1.44    1.87    2.31    2.74    3.17    3.60    4.03    4.46
Mu(-), ton-m: -0.17  -0.17  -0.17  -0.17  -0.17  -0.17  -0.17  -0.17  -0.17  -0.23  -0.70
Mu(+), ton-m:  0.26    0.58    0.82    0.97    1.03    0.99    0.85    0.61    0.28    0.17    0.35
As(-), cm2:   3.01    3.01    3.01    3.01    3.01    3.01    3.01    3.01    3.01    3.01    3.01
As(+), cm2:   3.01    3.01    3.01    3.01    3.01    3.01    3.01    3.01    3.01    3.01    3.01
vu, Kg/cm2:   1.02    0.96    0.76    0.56    0.37    0.53    0.73    0.93    1.14    1.34    1.41
Stirrup:      #3      #3      #3      #3      #3      #3      #3      #3      #3      #3      #3
Spacing, cm:   7.50    7.50   15.00   15.00   15.00   15.00   15.00   15.00   15.00   7.50    7.50
=====

```

DESIGN

I-9

11 #3@ 7.5 17 #3@ 15 11 #3@ 7.5

I-10

BEAM: I(10-11) FLOOR: 2

```

=====
Length:  L = 3.57 m  a = 0.15 m  Section:  b = 30.0 cm
=====

```



	Lu = 3.27 m				c = 0.15 m			h = 35.0 cm			
X, m:	0.15	0.48	0.80	1.13	1.46	1.79	2.11	2.44	2.77	3.09	3.42
Mu(-), ton-m:	-0.79	-0.51	-0.29	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.24	-0.44
Mu(+), ton-m:	0.40	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.22
As(-), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	1.19	1.18	1.03	0.88	0.73	0.58	0.53	0.68	0.83	0.98	0.99
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	7.50	7.50	7.50	15.00	15.00	15.00	15.00	15.00	7.50	7.50	7.50

DESIGN

I-10 11 #3@ 7.5 10 #3@ 15 11 #3@ 7.5 I-11

BEAM: I(11-12) FLOOR: 2

	Length: L = 3.57 m				a = 0.15 m			Section: b = 30.0 cm			
	Lu = 3.27 m				c = 0.15 m			h = 35.0 cm			
X, m:	0.15	0.48	0.80	1.13	1.46	1.79	2.11	2.44	2.77	3.09	3.42
Mu(-), ton-m:	-0.38	-0.12	-0.09	-0.09	-0.09	-0.09	-0.09	-0.09	-0.09	-0.09	-0.09
Mu(+), ton-m:	0.19	0.09	0.19	0.37	0.51	0.59	0.62	0.59	0.51	0.39	0.22
As(-), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	1.05	1.04	0.89	0.73	0.58	0.43	0.30	0.43	0.58	0.73	0.74
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	7.50	7.50	7.50	15.00	15.00	15.00	15.00	15.00	7.50	7.50	7.50

DESIGN

I-11 11 #3@ 7.5 10 #3@ 15 11 #3@ 7.5 I-12

BEAM: B(2-4) FLOOR: 3

	Length: L = 3.58 m				a = 0.20 m			Section: b = 30.0 cm			
	Lu = 3.18 m				c = 0.20 m			h = 30.0 cm			
X, m:	0.20	0.52	0.84	1.15	1.47	1.79	2.11	2.43	2.74	3.06	3.38
Mu(-), ton-m:	-1.48	-1.13	-0.80	-0.49	-0.37	-0.37	-0.37	-0.37	-0.62	-0.92	-1.24
Mu(+), ton-m:	1.05	0.90	0.74	0.57	0.42	0.59	0.37	0.54	0.74	0.93	1.09
As(-), cm2:	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51



-----  
 B-6 11 #3@ 6.25 13 #3@ 12.5 11 #3@ 6.25 B-7

BEAM: B(7-8) FLOOR: 3

=====  
 Length: L = 3.57 m a = 0.20 m Section: b = 30.0 cm  
 Lu = 3.17 m c = 0.20 m h = 30.0 cm  
 -----

X, m:	0.20	0.52	0.83	1.15	1.47	1.79	2.10	2.42	2.74	3.05	3.37
Mu(-), ton-m:	-1.29	-0.97	-0.67	-0.39	-0.32	-0.32	-0.32	-0.39	-0.66	-0.95	-1.27
Mu(+), ton-m:	0.96	0.83	0.68	0.51	0.32	0.32	0.32	0.52	0.70	0.85	0.99
As(-), cm2:	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51
As(+), cm2:	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51
vu, Kg/cm2:	1.65	1.63	1.56	1.48	1.41	1.34	1.39	1.46	1.54	1.61	1.62
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	6.25	6.25	12.50	12.50	12.50	12.50	12.50	12.50	12.50	6.25	6.25

DESIGN

-----  
 B-7 11 #3@ 6.25 13 #3@ 12.5 11 #3@ 6.25 B-8

BEAM: B(8-9) FLOOR: 3

=====  
 Length: L = 3.57 m a = 0.20 m Section: b = 30.0 cm  
 Lu = 3.17 m c = 0.20 m h = 30.0 cm  
 -----

X, m:	0.20	0.52	0.83	1.15	1.47	1.79	2.10	2.42	2.74	3.05	3.37
Mu(-), ton-m:	-1.31	-0.99	-0.68	-0.40	-0.33	-0.33	-0.33	-0.42	-0.70	-1.01	-1.33
Mu(+), ton-m:	0.99	0.85	0.69	0.51	0.33	0.33	0.33	0.53	0.71	0.88	1.02
As(-), cm2:	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51
As(+), cm2:	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51
vu, Kg/cm2:	1.67	1.66	1.58	1.51	1.44	1.36	1.43	1.50	1.57	1.65	1.66
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	6.25	6.25	12.50	12.50	12.50	12.50	12.50	12.50	12.50	6.25	6.25

DESIGN

-----  
 B-8 11 #3@ 6.25 13 #3@ 12.5 11 #3@ 6.25 B-9

BEAM: B(9-10) FLOOR: 3

```

=====
Length:  L = 4.61 m  a = 0.20 m  Section:  b = 30.0 cm
          Lu = 4.21 m  c = 0.20 m          h = 30.0 cm
-----
X, m:      0.20    0.62    1.04    1.46    1.88    2.31    2.73    3.15    3.57    3.99    4.41
Mu(-), ton-m: -1.22  -0.86  -0.54  -0.30  -0.30  -0.30  -0.30  -0.30  -0.54  -0.85  -1.21
Mu(+), ton-m:  0.68    0.64    0.58    0.49    0.37    0.30    0.37    0.50    0.59    0.65    0.69
As(-), cm2:   2.51    2.51    2.51    2.51    2.51    2.51    2.51    2.51    2.51    2.51    2.51
As(+), cm2:   2.51    2.51    2.51    2.51    2.51    2.51    2.51    2.51    2.51    2.51    2.51
vu, Kg/cm2:   1.28    1.24    1.14    1.04    0.94    0.84    0.93    1.03    1.13    1.23    1.27
Stirrup:      #3      #3      #3      #3      #3      #3      #3      #3      #3      #3      #3
Spacing, cm:  6.25    6.25   12.50   12.50   12.50   12.50   12.50   12.50   12.50   6.25    6.25

```

DESIGN

```

-----
B-9              11 #3@ 6.25  22 #3@ 12.5  11 #3@ 6.25              B-10

```

BEAM: B(10-11) FLOOR: 3

```

=====
Length:  L = 3.57 m  a = 0.20 m  Section:  b = 30.0 cm
          Lu = 3.17 m  c = 0.20 m          h = 30.0 cm
-----
X, m:      0.20    0.52    0.83    1.15    1.47    1.79    2.10    2.42    2.74    3.05    3.37
Mu(-), ton-m: -1.37  -1.04  -0.72  -0.43  -0.34  -0.34  -0.34  -0.39  -0.67  -0.97  -1.29
Mu(+), ton-m:  1.01    0.87    0.71    0.53    0.34    0.34    0.34    0.53    0.72    0.89    1.04
As(-), cm2:   2.51    2.51    2.51    2.51    2.51    2.51    2.51    2.51    2.51    2.51    2.51
As(+), cm2:   2.51    2.51    2.51    2.51    2.51    2.51    2.51    2.51    2.51    2.51    2.51
vu, Kg/cm2:   1.74    1.72    1.65    1.57    1.50    1.43    1.46    1.53    1.60    1.68    1.69
Stirrup:      #3      #3      #3      #3      #3      #3      #3      #3      #3      #3      #3
Spacing, cm:  6.25    6.25   12.50   12.50   12.50   12.50   12.50   12.50   12.50   6.25    6.25

```

DESIGN

```

-----
B-10             11 #3@ 6.25  13 #3@ 12.5  11 #3@ 6.25             B-11

```

BEAM: B(11-12) FLOOR: 3

```

=====
Length:  L = 3.57 m  a = 0.20 m  Section:  b = 30.0 cm
          Lu = 3.17 m  c = 0.20 m          h = 30.0 cm
-----
X, m:      0.20    0.52    0.83    1.15    1.47    1.79    2.10    2.42    2.74    3.05    3.37
Mu(-), ton-m: -1.23  -0.94  -0.68  -0.43  -0.40  -0.40  -0.40  -0.57  -0.89  -1.23  -1.58

```



DESIGN

B-13 19 #3@ 6.25 B-14

BEAM: B(14-15) FLOOR: 3

	Length: L = 1.20 m a = 0.20 m Section: b = 20.0 cm										
	Lu = 1.00 m c = 0.00 m h = 30.0 cm										
X, m:	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00	1.10	1.20
Mu(-), ton-m:	-2.98	-2.68	-2.38	-2.09	-1.79	-1.49	-1.19	-0.90	-0.60	-0.31	-0.01
Mu(+), ton-m:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As(-), cm2:	3.44	3.06	2.69	2.33	1.98	1.67	1.67	1.67	1.67	1.67	1.67
As(+), cm2:	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67
vu, Kg/cm2:	7.17	7.17	7.17	7.16	7.15	7.13	7.11	7.09	7.08	7.06	7.04
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50

DESIGN

B-14 8 #3@ 12.5 B-15

BEAM: C(7-8) FLOOR: 3

	Length: L = 3.57 m a = 0.15 m Section: b = 12.0 cm										
	Lu = 3.27 m c = 0.15 m h = 30.0 cm										
X, m:	0.15	0.48	0.80	1.13	1.46	1.79	2.11	2.44	2.77	3.09	3.42
Mu(-), ton-m:	-0.06	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02	-0.05	-0.09
Mu(+), ton-m:	0.03	0.06	0.09	0.11	0.13	0.15	0.16	0.16	0.16	0.14	0.12
As(-), cm2:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
As(+), cm2:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
vu, Kg/cm2:	0.64	0.61	0.54	0.46	0.38	0.30	0.29	0.37	0.44	0.52	0.55
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	6.25	6.25	12.50	12.50	12.50	12.50	12.50	12.50	12.50	6.25	6.25

DESIGN

C-7 11 #3@ 6.25 14 #3@ 12.5 11 #3@ 6.25 C-8

BEAM: C(8-9) FLOOR: 3

```

=====
Length:  L = 3.57 m  a = 0.15 m  Section:  b = 12.0 cm
          Lu = 3.27 m  c = 0.15 m          h = 30.0 cm
=====
X, m:      0.15  0.48  0.80  1.13  1.46  1.79  2.11  2.44  2.77  3.09  3.42
Mu(-), ton-m: -0.10 -0.06 -0.04 -0.02 -0.02 -0.02 -0.02 -0.02 -0.02 -0.05 -0.10
Mu(+), ton-m:  0.08  0.11  0.12  0.13  0.13  0.12  0.10  0.07  0.03  0.02  0.05
As(-), cm2:   1.00  1.00  1.00  1.00  1.00  1.00  1.00  1.00  1.00  1.00  1.00
As(+), cm2:   1.00  1.00  1.00  1.00  1.00  1.00  1.00  1.00  1.00  1.00  1.00
vu, Kg/cm2:  0.51  0.49  0.42  0.34  0.26  0.32  0.40  0.48  0.56  0.63  0.65
Stirrup:      #3    #3    #3    #3    #3    #3    #3    #3    #3    #3    #3
Spacing, cm:  6.25  6.25  12.50  12.50  12.50  12.50  12.50  12.50  12.50  6.25  6.25

```

DESIGN

```

-----
C-8              11 #3@ 6.25  14 #3@ 12.5  11 #3@ 6.25              C-9

```

BEAM: C(9-10) FLOOR: 3

```

=====
Length:  L = 4.61 m  a = 0.15 m  Section:  b = 12.0 cm
          Lu = 4.31 m  c = 0.15 m          h = 30.0 cm
=====
X, m:      0.15  0.58  1.01  1.44  1.87  2.31  2.74  3.17  3.60  4.03  4.46
Mu(-), ton-m: -0.10 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.10
Mu(+), ton-m:  0.05  0.03  0.06  0.10  0.13  0.13  0.13  0.10  0.06  0.03  0.05
As(-), cm2:   1.00  1.00  1.00  1.00  1.00  1.00  1.00  1.00  1.00  1.00  1.00
As(+), cm2:   1.00  1.00  1.00  1.00  1.00  1.00  1.00  1.00  1.00  1.00  1.00
vu, Kg/cm2:  0.64  0.58  0.47  0.37  0.26  0.16  0.27  0.37  0.47  0.58  0.64
Stirrup:      #3    #3    #3    #3    #3    #3    #3    #3    #3    #3    #3
Spacing, cm:  6.25  6.25  12.50  12.50  12.50  12.50  12.50  12.50  12.50  6.25  6.25

```

DESIGN

```

-----
C-9              11 #3@ 6.25  23 #3@ 12.5  11 #3@ 6.25              C-10

```

BEAM: C(10-11) FLOOR: 3

```

=====
Length:  L = 3.57 m  a = 0.15 m  Section:  b = 12.0 cm
          Lu = 3.27 m  c = 0.15 m          h = 30.0 cm
=====

```

X, m:	0.15	0.48	0.80	1.13	1.46	1.79	2.11	2.44	2.77	3.09	3.42
Mu(-), ton-m:	-0.12	-0.11	-0.11	-0.11	-0.13	-0.16	-0.20	-0.25	-0.30	-0.37	-0.45
Mu(+), ton-m:	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.22
As(-), cm2:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
As(+), cm2:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
vu, Kg/cm2:	0.77	0.75	0.76	0.84	0.92	1.00	1.07	1.15	1.23	1.31	1.32
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	6.25	6.25	12.50	12.50	12.50	12.50	12.50	12.50	12.50	6.25	6.25

DESIGN

C-10 11 #3@ 6.25 14 #3@ 12.5 11 #3@ 6.25 C-11

BEAM: C(11-12) FLOOR: 3

Length: L = 3.57 m a = 0.15 m Section: b = 12.0 cm  
Lu = 3.27 m c = 0.15 m h = 30.0 cm

X, m:	0.15	0.48	0.80	1.13	1.46	1.79	2.11	2.44	2.77	3.09	3.42
Mu(-), ton-m:	-0.49	-0.40	-0.33	-0.27	-0.21	-0.17	-0.14	-0.12	-0.12	-0.12	-0.12
Mu(+), ton-m:	0.24	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.13	0.14
As(-), cm2:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
As(+), cm2:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
vu, Kg/cm2:	1.65	1.63	1.55	1.48	1.40	1.32	1.24	1.17	1.09	1.01	0.99
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	6.25	6.25	12.50	12.50	12.50	12.50	12.50	12.50	12.50	6.25	6.25

DESIGN

C-11 11 #3@ 6.25 14 #3@ 12.5 11 #3@ 6.25 C-12

BEAM: C(12-13) FLOOR: 3

Length: L = 2.00 m a = 0.15 m Section: b = 12.0 cm  
Lu = 1.70 m c = 0.15 m h = 30.0 cm

X, m:	0.15	0.32	0.49	0.66	0.83	1.00	1.17	1.34	1.51	1.68	1.85
Mu(-), ton-m:	-0.36	-0.29	-0.23	-0.16	-0.10	-0.09	-0.09	-0.09	-0.09	-0.09	-0.09
Mu(+), ton-m:	0.18	0.09	0.09	0.09	0.09	0.09	0.10	0.11	0.14	0.18	0.22
As(-), cm2:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
As(+), cm2:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
vu, Kg/cm2:	2.48	2.48	2.46	2.42	2.38	2.35	2.31	2.27	2.23	2.21	2.21



Stirrup: #3 #3 #3 #3 #3 #3 #3 #3 #3 #3 #3 #3  
 Spacing, cm: 6.25 6.25 6.25 6.25 12.50 12.50 12.50 6.25 6.25 6.25 6.25

DESIGN

-----  
 C-12 27 #3@ 6.25 C-13

BEAM: D(2-4) FLOOR: 3

=====

	Length:	L = 3.58 m	a = 0.20 m	Section:	b = 30.0 cm						
		Lu = 3.18 m	c = 0.20 m		h = 30.0 cm						

-----

X, m:	0.20	0.52	0.84	1.15	1.47	1.79	2.11	2.43	2.74	3.06	3.38
Mu(-), ton-m:	-1.37	-1.03	-0.71	-0.42	-0.34	-0.34	-0.34	-0.34	-0.59	-0.88	-1.21
Mu(+), ton-m:	1.05	0.91	0.76	0.60	0.40	0.34	0.34	0.54	0.72	0.88	1.01
As(-), cm2:	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51
As(+), cm2:	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51
vu, Kg/cm2:	1.78	1.76	1.68	1.59	1.51	2.41	1.44	1.52	1.61	1.69	1.71
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	6.25	6.25	12.50	12.50	12.50	12.50	12.50	12.50	12.50	6.25	6.25

DESIGN

-----  
 D-2 11 #3@ 6.25 14 #3@ 12.5 11 #3@ 6.25 D-4

BEAM: D(4-6) FLOOR: 3

=====

	Length:	L = 3.58 m	a = 0.20 m	Section:	b = 30.0 cm						
		Lu = 3.18 m	c = 0.20 m		h = 30.0 cm						

-----

X, m:	0.20	0.52	0.84	1.15	1.47	1.79	2.11	2.43	2.74	3.06	3.38
Mu(-), ton-m:	-1.21	-0.90	-0.62	-0.37	-0.33	-0.33	-0.33	-0.41	-0.69	-1.00	-1.32
Mu(+), ton-m:	0.92	0.78	0.64	0.47	0.33	0.33	0.33	0.44	0.59	0.73	0.85
As(-), cm2:	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51
As(+), cm2:	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51
vu, Kg/cm2:	1.62	1.60	1.52	1.43	1.35	1.35	1.43	1.52	1.60	1.69	1.71
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	6.25	6.25	12.50	12.50	12.50	12.50	12.50	12.50	12.50	6.25	6.25

DESIGN

-----

D-4

11 #3@ 6.25 14 #3@ 12.5 11 #3@ 6.25

D-6

BEAM: D(6-7) FLOOR: 3

```

=====
Length: L = 3.57 m a = 0.20 m Section: b = 30.0 cm
Lu = 3.17 m c = 0.20 m h = 30.0 cm
-----
X, m: 0.20 0.52 0.83 1.15 1.47 1.79 2.10 2.42 2.74 3.05 3.37
Mu(-), ton-m: -1.44 -1.02 -0.65 -0.36 -0.36 -0.36 -0.36 -0.36 -0.63 -0.95 -1.32
Mu(+), ton-m: 0.88 0.78 0.67 0.55 0.41 0.36 0.52 0.71 0.87 0.99 1.10
As(-), cm2: 2.51 2.51 2.51 2.51 2.51 2.51 2.51 2.51 2.51 2.51 2.51
As(+), cm2: 2.51 2.51 2.51 2.51 2.51 2.51 2.51 2.51 2.51 2.51 2.51
vu, Kg/cm2: 2.16 2.13 1.99 1.84 1.70 1.56 1.54 1.69 1.83 1.97 2.00
Stirrup: #3 #3 #3 #3 #3 #3 #3 #3 #3 #3 #3
Spacing, cm: 6.25 6.25 12.50 12.50 12.50 12.50 12.50 12.50 12.50 6.25 6.25

```

DESIGN

D-6

11 #3@ 6.25 13 #3@ 12.5 11 #3@ 6.25

D-7

BEAM: D'(4-7) FLOOR: 3

```

=====
Length: L = 7.15 m a = 0.15 m Section: b = 12.0 cm
Lu = 6.85 m c = 0.15 m h = 30.0 cm
-----
X, m: 0.15 0.84 1.52 2.21 2.89 3.58 4.26 4.95 5.63 6.32 7.00
Mu(-), ton-m: -0.18 -0.04 -0.04 -0.04 -0.04 -0.04 -0.04 -0.04 -0.04 -0.04 -0.09
Mu(+), ton-m: 0.09 0.10 0.26 0.38 0.45 0.48 0.47 0.42 0.33 0.19 0.04
As(-), cm2: 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00
As(+), cm2: 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00
vu, Kg/cm2: 1.15 1.01 0.79 0.56 0.37 0.19 0.28 0.45 0.66 0.89 1.03
Stirrup: #3 #3 #3 #3 #3 #3 #3 #3 #3 #3 #3
Spacing, cm: 6.25 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 6.25

```

DESIGN

D'-4

11 #3@ 6.25 43 #3@ 12.5 11 #3@ 6.25

D'-7

BEAM: E(2-4) FLOOR: 3

```

=====
Length: L = 3.58 m a = 0.20 m Section: b = 30.0 cm

```

	Lu = 3.18 m	c = 0.20 m	h = 30.0 cm								
-----											
X, m:	0.20	0.52	0.84	1.15	1.47	1.79	2.11	2.43	2.74	3.06	3.38
Mu(-), ton-m:	-1.44	-1.05	-0.70	-0.38	-0.36	-0.36	-0.36	-0.36	-0.54	-0.81	-1.10
Mu(+), ton-m:	1.05	0.91	0.76	0.62	0.48	0.48	0.58	0.81	1.04	1.25	1.44
As(-), cm2:	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51
As(+), cm2:	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51
vu, Kg/cm2:	2.20	2.18	2.10	2.02	1.94	2.60	1.78	1.70	1.74	1.82	1.84
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	6.25	6.25	12.50	12.50	12.50	12.50	12.50	12.50	12.50	6.25	6.25

DESIGN

-----

E-2 11 #3@ 6.25 14 #3@ 12.5 11 #3@ 6.25 E-4

BEAM: F(12-13) FLOOR: 3

	Length: L = 2.00 m	a = 0.00 m	Section: b = 30.0 cm								
	Lu = 1.80 m	c = 0.20 m	h = 35.0 cm								
-----											
X, m:	0.00	0.18	0.36	0.54	0.72	0.90	1.08	1.26	1.44	1.62	1.80
Mu(-), ton-m:	0.00	-1.13	-2.75	-4.43	-6.11	-7.79	-9.47	-11.16	-12.84	-14.52	-16.20
Mu(+), ton-m:	0.61	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As(-), cm2:	3.01	3.01	3.01	4.13	5.83	7.63	9.55	11.60	13.82	15.75	17.53
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.38
vu, Kg/cm2:	11.53	11.53	11.53	11.53	11.53	11.53	11.53	11.53	11.53	11.53	11.53
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00

DESIGN

-----

F-12 12 #3@ 15 F-13

BEAM: F(13-14) FLOOR: 3

	Length: L = 1.57 m	a = 0.20 m	Section: b = 30.0 cm								
	Lu = 1.17 m	c = 0.20 m	h = 30.0 cm								
-----											
X, m:	0.20	0.32	0.43	0.55	0.67	0.78	0.90	1.02	1.14	1.25	1.37
Mu(-), ton-m:	-6.55	-5.89	-5.23	-4.70	-4.26	-3.88	-3.55	-3.44	-3.43	-3.42	-3.42
Mu(+), ton-m:	3.28	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.71
As(-), cm2:	7.92	7.00	6.12	5.44	4.88	4.41	4.01	3.87	3.86	3.85	3.85

As(+), cm2:	3.68	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51
vu, Kg/cm2:	17.57	17.57	17.57	17.54	17.50	17.47	17.43	17.40	17.37	17.37	17.37
Stirrup:	#3 Db1	#3 Db1	#3 Db1	#3 Db1	#3 Db1	#3 Db1	#3 Db1	#3 Db1	#3 Db1	#3 Db1	#3 Db1
Spacing, cm:	11.03	11.03	11.03	11.05	11.07	11.10	11.12	11.14	11.16	11.16	11.16

DESIGN

-----

F-13 12 #3 Db1@ 10 F-14

BEAM: F(14-15) FLOOR: 3

	Length:	L = 1.20 m	a = 0.20 m	Section:	b = 20.0 cm
		Lu = 1.00 m	c = 0.00 m		h = 30.0 cm

---

X, m:	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00	1.10	1.20
Mu(-), ton-m:	-5.79	-5.20	-4.62	-4.03	-3.44	-2.86	-2.27	-1.68	-1.09	-0.52	0.00
Mu(+), ton-m:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.08
As(-), cm2:	7.43	6.50	5.63	4.81	4.02	3.27	2.55	1.86	1.67	1.67	1.67
As(+), cm2:	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67
vu, Kg/cm2:	14.09	14.09	14.09	14.09	14.09	14.09	14.09	14.09	14.09	14.09	14.09
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50

DESIGN

-----

F-14 8 #3@ 12.5 F-15

BEAM: F'(4-7) FLOOR: 3

	Length:	L = 7.15 m	a = 0.15 m	Section:	b = 12.0 cm
		Lu = 6.85 m	c = 0.15 m		h = 30.0 cm

---

X, m:	0.15	0.84	1.52	2.21	2.89	3.58	4.26	4.95	5.63	6.32	7.00
Mu(-), ton-m:	-0.20	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.12
Mu(+), ton-m:	0.10	0.08	0.24	0.35	0.43	0.45	0.44	0.39	0.29	0.15	0.06
As(-), cm2:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
As(+), cm2:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
vu, Kg/cm2:	1.14	1.00	0.79	0.57	0.39	0.21	0.31	0.48	0.68	0.91	1.05
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	6.25	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	6.25

DESIGN

-----  
 F'-4 11 #3@ 6.25 43 #3@ 12.5 11 #3@ 6.25 F'-7

BEAM: G(2-4) FLOOR: 3

```

=====
Length:  L = 3.58 m  a = 0.20 m  Section:  b = 30.0 cm
          Lu = 3.18 m  c = 0.20 m          h = 30.0 cm
=====
X, m:      0.20  0.52  0.84  1.15  1.47  1.79  2.11  2.43  2.74  3.06  3.38
Mu(-), ton-m: -1.25 -0.94 -0.65 -0.39 -0.31 -0.31 -0.31 -0.33 -0.60 -0.89 -1.21
Mu(+), ton-m:  1.08  0.94  0.79  0.62  0.45  0.45  0.37  0.51  0.67  0.81  0.95
As(-), cm2:   2.51  2.51  2.51  2.51  2.51  2.51  2.51  2.51  2.51  2.51  2.51
As(+), cm2:   2.51  2.51  2.51  2.51  2.51  2.51  2.51  2.51  2.51  2.51  2.51
vu, Kg/cm2:  1.67  1.65  1.57  1.49  1.41  2.37  1.43  1.52  1.60  1.68  1.70
Stirrup:      #3    #3    #3    #3    #3    #3    #3    #3    #3    #3    #3
Spacing, cm:  6.25  6.25  12.50  12.50  12.50  12.50  12.50  12.50  12.50  6.25  6.25
  
```

DESIGN

-----  
 G-2 11 #3@ 6.25 14 #3@ 12.5 11 #3@ 6.25 G-4

BEAM: G(4-6) FLOOR: 3

```

=====
Length:  L = 3.58 m  a = 0.20 m  Section:  b = 30.0 cm
          Lu = 3.18 m  c = 0.20 m          h = 30.0 cm
=====
X, m:      0.20  0.52  0.84  1.15  1.47  1.79  2.11  2.43  2.74  3.06  3.38
Mu(-), ton-m: -1.19 -0.89 -0.61 -0.36 -0.32 -0.32 -0.32 -0.40 -0.67 -0.96 -1.28
Mu(+), ton-m:  0.90  0.77  0.62  0.46  0.32  0.32  0.32  0.44  0.59  0.73  0.86
As(-), cm2:   2.51  2.51  2.51  2.51  2.51  2.51  2.51  2.51  2.51  2.51  2.51
As(+), cm2:   2.51  2.51  2.51  2.51  2.51  2.51  2.51  2.51  2.51  2.51  2.51
vu, Kg/cm2:  1.59  1.57  1.49  1.41  1.32  1.30  1.39  1.47  1.55  1.63  1.65
Stirrup:      #3    #3    #3    #3    #3    #3    #3    #3    #3    #3    #3
Spacing, cm:  6.25  6.25  12.50  12.50  12.50  12.50  12.50  12.50  12.50  6.25  6.25
  
```

DESIGN

-----  
 G-4 11 #3@ 6.25 14 #3@ 12.5 11 #3@ 6.25 G-6

BEAM: G(6-7) FLOOR: 3

```

=====
                        Length:  L = 3.57 m  a = 0.20 m  Section:  b = 30.0 cm
                                Lu = 3.17 m  c = 0.20 m                h = 30.0 cm
=====
X, m:                   0.20    0.52    0.83    1.15    1.47    1.79    2.10    2.42    2.74    3.05    3.37
Mu(-), ton-m:          -1.35   -0.98   -0.64   -0.35   -0.34   -0.34   -0.34   -0.34   -0.53   -0.80   -1.11
Mu(+), ton-m:           0.82    0.73    0.62    0.51    0.38    0.34    0.42    0.60    0.75    0.86    0.96
As(-), cm2:            2.51    2.51    2.51    2.51    2.51    2.51    2.51    2.51    2.51    2.51    2.51
As(+), cm2:            2.51    2.51    2.51    2.51    2.51    2.51    2.51    2.51    2.51    2.51    2.51
vu, Kg/cm2:            1.97    1.94    1.82    1.69    1.57    1.45    1.38    1.51    1.63    1.75    1.78
Stirrup:                #3      #3      #3      #3      #3      #3      #3      #3      #3      #3      #3
Spacing, cm:            6.25    6.25    12.50   12.50   12.50   12.50   12.50   12.50   12.50   6.25    6.25
=====

```

DESIGN

```

-----
G-6                      11 #3@ 6.25  13 #3@ 12.5  11 #3@ 6.25                      G-7
-----

```

BEAM: G(7-8) FLOOR: 3

```

=====
                        Length:  L = 3.57 m  a = 0.20 m  Section:  b = 30.0 cm
                                Lu = 3.17 m  c = 0.20 m                h = 30.0 cm
=====
X, m:                   0.20    0.52    0.83    1.15    1.47    1.79    2.10    2.42    2.74    3.05    3.37
Mu(-), ton-m:          -1.17   -0.87   -0.60   -0.36   -0.31   -0.31   -0.31   -0.38   -0.64   -0.94   -1.25
Mu(+), ton-m:           0.92    0.79    0.64    0.49    0.31    0.31    0.31    0.46    0.61    0.75    0.88
As(-), cm2:            2.51    2.51    2.51    2.51    2.51    2.51    2.51    2.51    2.51    2.51    2.51
As(+), cm2:            2.51    2.51    2.51    2.51    2.51    2.51    2.51    2.51    2.51    2.51    2.51
vu, Kg/cm2:            1.58    1.56    1.48    1.40    1.32    1.30    1.38    1.47    1.55    1.63    1.65
Stirrup:                #3      #3      #3      #3      #3      #3      #3      #3      #3      #3      #3
Spacing, cm:            6.25    6.25    12.50   12.50   12.50   12.50   12.50   12.50   12.50   6.25    6.25
=====

```

DESIGN

```

-----
G-7                      11 #3@ 6.25  13 #3@ 12.5  11 #3@ 6.25                      G-8
-----

```

BEAM: G(8-9) FLOOR: 3

```

=====
                        Length:  L = 3.57 m  a = 0.20 m  Section:  b = 30.0 cm
                                Lu = 3.17 m  c = 0.20 m                h = 30.0 cm
=====
X, m:                   0.20    0.52    0.83    1.15    1.47    1.79    2.10    2.42    2.74    3.05    3.37
Mu(-), ton-m:          -1.25   -0.93   -0.64   -0.37   -0.31   -0.31   -0.31   -0.37   -0.62   -0.89   -1.20
=====

```



DESIGN

-----  
 G-10 11 #3@ 6.25 13 #3@ 12.5 11 #3@ 6.25 G-11

BEAM: G(11-12) FLOOR: 3

=====

	Length:	L = 3.57 m	a = 0.20 m	Section:	b = 30.0 cm					
		Lu = 3.17 m	c = 0.20 m		h = 30.0 cm					

-----

X, m:	0.20	0.52	0.83	1.15	1.47	1.79	2.10	2.42	2.74	3.05	3.37
Mu(-), ton-m:	-1.33	-0.99	-0.67	-0.38	-0.33	-0.33	-0.33	-0.33	-0.54	-0.79	-1.05
Mu(+), ton-m:	0.85	0.73	0.60	0.46	0.33	0.33	0.39	0.59	0.77	0.93	1.07
As(-), cm2:	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51
As(+), cm2:	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51
vu, Kg/cm2:	1.88	1.86	1.78	1.69	1.61	1.53	1.45	1.44	1.52	1.61	1.62
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	6.25	6.25	12.50	12.50	12.50	12.50	12.50	12.50	12.50	6.25	6.25

DESIGN

-----  
 G-11 11 #3@ 6.25 13 #3@ 12.5 11 #3@ 6.25 G-12

BEAM: G(12-13) FLOOR: 3

=====

	Length:	L = 2.00 m	a = 0.20 m	Section:	b = 30.0 cm					
		Lu = 1.65 m	c = 0.15 m		h = 30.0 cm					

-----

X, m:	0.20	0.37	0.53	0.69	0.86	1.03	1.19	1.36	1.52	1.69	1.85
Mu(-), ton-m:	-1.07	-0.94	-0.83	-0.71	-0.60	-0.50	-0.41	-0.36	-0.31	-0.33	-0.43
Mu(+), ton-m:	1.30	1.17	1.04	0.89	0.75	0.59	0.44	0.30	0.27	0.27	0.27
As(-), cm2:	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51
As(+), cm2:	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51
vu, Kg/cm2:	2.04	2.04	2.07	2.13	2.19	2.25	2.31	2.37	2.43	2.46	2.46
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	6.25	6.25	6.25	6.25	12.50	12.50	12.50	6.25	6.25	6.25	6.25

DESIGN

-----  
 G-12 26 #3@ 6.25 G-13



BEAM: G(13-14) FLOOR: 3

```

=====
Length:  L = 1.57 m  a = 0.15 m  Section:  b = 30.0 cm
          Lu = 1.22 m  c = 0.20 m          h = 30.0 cm
=====
X, m:      0.15  0.27  0.39  0.52  0.64  0.76  0.88  1.00  1.13  1.25  1.37
Mu(-), ton-m: -0.80 -0.82 -0.84 -0.86 -0.89 -0.92 -0.95 -1.00 -1.06 -1.12 -1.19
Mu(+), ton-m:  0.40  0.42  0.52  0.62  0.72  0.83  0.94  1.05  1.15  1.24  1.34
As(-), cm2:   2.51  2.51  2.51  2.51  2.51  2.51  2.51  2.51  2.51  2.51  2.51
As(+), cm2:   2.51  2.51  2.51  2.51  2.51  2.51  2.51  2.51  2.51  2.51  2.51
vu, Kg/cm2:   3.88  3.88  3.88  3.84  3.80  3.75  3.71  3.67  3.63  3.63  3.63
Stirrup:      #3    #3    #3    #3    #3    #3    #3    #3    #3    #3    #3
Spacing, cm:  6.25  6.25  6.25  6.25  6.25  12.50  6.25  6.25  6.25  6.25  6.25

```

DESIGN

```

-----
G-13                                     19 #3@ 6.25                                     G-14

```

BEAM: G(14-15) FLOOR: 3

```

=====
Length:  L = 1.20 m  a = 0.20 m  Section:  b = 30.0 cm
          Lu = 1.00 m  c = 0.00 m          h = 30.0 cm
=====
X, m:      0.20  0.30  0.40  0.50  0.60  0.70  0.80  0.90  1.00  1.10  1.20
Mu(-), ton-m: 0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  -0.01 -0.07
Mu(+), ton-m: 0.49  0.44  0.39  0.33  0.28  0.22  0.17  0.11  0.05  0.00  0.00
As(-), cm2:   2.51  2.51  2.51  2.51  2.51  2.51  2.51  2.51  2.51  2.51  2.51
As(+), cm2:   2.51  2.51  2.51  2.51  2.51  2.51  2.51  2.51  2.51  2.51  2.51
vu, Kg/cm2:   0.87  0.87  0.87  0.87  0.88  0.89  0.91  0.92  0.93  0.94  0.95
Stirrup:      #3    #3    #3    #3    #3    #3    #3    #3    #3    #3    #3
Spacing, cm:  12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50

```

DESIGN

```

-----
G-14                                     8 #3@ 12.5                                     G-15

```

BEAM: H(2-4) FLOOR: 3

```

=====
Length:  L = 3.58 m  a = 0.20 m  Section:  b = 30.0 cm
          Lu = 3.18 m  c = 0.20 m          h = 30.0 cm
=====

```

X, m:	0.20	0.52	0.84	1.15	1.47	1.79	2.11	2.43	2.74	3.06	3.38
Mu(-), ton-m:	-1.35	-1.02	-0.71	-0.43	-0.34	-0.34	-0.34	-0.35	-0.61	-0.89	-1.19
Mu(+), ton-m:	1.02	0.87	0.71	0.54	0.37	0.34	0.34	0.51	0.69	0.85	1.00
As(-), cm2:	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51
As(+), cm2:	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51
vu, Kg/cm2:	1.71	1.70	1.62	1.55	1.48	2.33	1.40	1.47	1.55	1.62	1.64
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	6.25	6.25	12.50	12.50	12.50	12.50	12.50	12.50	12.50	6.25	6.25

DESIGN

H-2 11 #3@ 6.25 14 #3@ 12.5 11 #3@ 6.25 H-4

BEAM: H(4-6) FLOOR: 3

Length: L = 3.58 m a = 0.20 m Section: b = 30.0 cm  
Lu = 3.18 m c = 0.20 m h = 30.0 cm

X, m:	0.20	0.52	0.84	1.15	1.47	1.79	2.11	2.43	2.74	3.06	3.38
Mu(-), ton-m:	-1.20	-0.90	-0.62	-0.37	-0.30	-0.30	-0.30	-0.37	-0.63	-0.91	-1.21
Mu(+), ton-m:	0.93	0.79	0.64	0.49	0.31	0.30	0.31	0.48	0.64	0.79	0.93
As(-), cm2:	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51
As(+), cm2:	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51
vu, Kg/cm2:	1.55	1.54	1.47	1.39	1.32	1.25	1.32	1.40	1.47	1.54	1.56
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	6.25	6.25	12.50	12.50	12.50	12.50	12.50	12.50	12.50	6.25	6.25

DESIGN

H-4 11 #3@ 6.25 14 #3@ 12.5 11 #3@ 6.25 H-6

BEAM: H(6-7) FLOOR: 3

Length: L = 3.57 m a = 0.20 m Section: b = 30.0 cm  
Lu = 3.17 m c = 0.20 m h = 30.0 cm

X, m:	0.20	0.52	0.83	1.15	1.47	1.79	2.10	2.42	2.74	3.05	3.37
Mu(-), ton-m:	-1.22	-0.91	-0.63	-0.37	-0.30	-0.30	-0.30	-0.37	-0.61	-0.89	-1.18
Mu(+), ton-m:	0.93	0.79	0.64	0.48	0.31	0.30	0.31	0.50	0.66	0.81	0.95
As(-), cm2:	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51
As(+), cm2:	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51
vu, Kg/cm2:	1.58	1.57	1.50	1.42	1.35	1.28	1.32	1.40	1.47	1.54	1.56

Stirrup: #3 #3 #3 #3 #3 #3 #3 #3 #3 #3 #3 #3  
 Spacing, cm: 6.25 6.25 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 6.25 6.25

DESIGN

H-6 11 #3@ 6.25 13 #3@ 12.5 11 #3@ 6.25 H-7

BEAM: H(7-8) FLOOR: 3

Length: L = 3.57 m a = 0.20 m Section: b = 30.0 cm  
 Lu = 3.17 m c = 0.20 m h = 30.0 cm

X, m:	0.20	0.52	0.83	1.15	1.47	1.79	2.10	2.42	2.74	3.05	3.37
Mu(-), ton-m:	-1.21	-0.91	-0.63	-0.37	-0.30	-0.30	-0.30	-0.37	-0.62	-0.90	-1.20
Mu(+), ton-m:	0.93	0.79	0.64	0.48	0.30	0.30	0.31	0.49	0.65	0.80	0.94
As(-), cm2:	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51
As(+), cm2:	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51
vu, Kg/cm2:	1.57	1.56	1.48	1.41	1.34	1.26	1.32	1.40	1.47	1.54	1.56
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	6.25	6.25	12.50	12.50	12.50	12.50	12.50	12.50	12.50	6.25	6.25

DESIGN

H-7 11 #3@ 6.25 13 #3@ 12.5 11 #3@ 6.25 H-8

BEAM: H(8-9) FLOOR: 3

Length: L = 3.57 m a = 0.20 m Section: b = 30.0 cm  
 Lu = 3.17 m c = 0.20 m h = 30.0 cm

X, m:	0.20	0.52	0.83	1.15	1.47	1.79	2.10	2.42	2.74	3.05	3.37
Mu(-), ton-m:	-1.25	-0.94	-0.64	-0.38	-0.31	-0.31	-0.31	-0.38	-0.63	-0.89	-1.19
Mu(+), ton-m:	0.92	0.78	0.63	0.47	0.31	0.31	0.33	0.53	0.70	0.85	0.99
As(-), cm2:	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51
As(+), cm2:	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51
vu, Kg/cm2:	1.65	1.64	1.56	1.49	1.42	1.35	1.35	1.42	1.49	1.57	1.58
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	6.25	6.25	12.50	12.50	12.50	12.50	12.50	12.50	12.50	6.25	6.25

DESIGN

H-8

11 #3@ 6.25 13 #3@ 12.5 11 #3@ 6.25

H-9

BEAM: H(9-10) FLOOR: 3

```

=====
Length: L = 4.61 m a = 0.20 m Section: b = 30.0 cm
Lu = 4.21 m c = 0.20 m h = 30.0 cm
-----
X, m: 0.20 0.62 1.04 1.46 1.88 2.31 2.73 3.15 3.57 3.99 4.41
Mu(-), ton-m: -1.17 -0.82 -0.52 -0.29 -0.29 -0.29 -0.29 -0.29 -0.49 -0.79 -1.13
Mu(+), ton-m: 0.62 0.58 0.52 0.44 0.34 0.29 0.35 0.46 0.54 0.61 0.65
As(-), cm2: 2.51 2.51 2.51 2.51 2.51 2.51 2.51 2.51 2.51 2.51 2.51
As(+), cm2: 2.51 2.51 2.51 2.51 2.51 2.51 2.51 2.51 2.51 2.51 2.51
vu, Kg/cm2: 1.25 1.21 1.11 1.01 0.91 0.81 0.89 0.99 1.09 1.19 1.23
Stirrup: #3 #3 #3 #3 #3 #3 #3 #3 #3 #3 #3
Spacing, cm: 6.25 6.25 12.50 12.50 12.50 12.50 12.50 12.50 12.50 6.25 6.25

```

DESIGN

H-9

11 #3@ 6.25 22 #3@ 12.5 11 #3@ 6.25

H-10

BEAM: H(10-11) FLOOR: 3

```

=====
Length: L = 3.57 m a = 0.20 m Section: b = 30.0 cm
Lu = 3.17 m c = 0.20 m h = 30.0 cm
-----
X, m: 0.20 0.52 0.83 1.15 1.47 1.79 2.10 2.42 2.74 3.05 3.37
Mu(-), ton-m: -1.23 -0.93 -0.64 -0.39 -0.31 -0.31 -0.31 -0.37 -0.62 -0.90 -1.21
Mu(+), ton-m: 0.96 0.82 0.67 0.51 0.32 0.31 0.31 0.49 0.65 0.81 0.95
As(-), cm2: 2.51 2.51 2.51 2.51 2.51 2.51 2.51 2.51 2.51 2.51 2.51
As(+), cm2: 2.51 2.51 2.51 2.51 2.51 2.51 2.51 2.51 2.51 2.51 2.51
vu, Kg/cm2: 1.58 1.57 1.49 1.42 1.35 1.28 1.35 1.42 1.49 1.57 1.58
Stirrup: #3 #3 #3 #3 #3 #3 #3 #3 #3 #3 #3
Spacing, cm: 6.25 6.25 12.50 12.50 12.50 12.50 12.50 12.50 12.50 6.25 6.25

```

DESIGN

H-10

11 #3@ 6.25 13 #3@ 12.5 11 #3@ 6.25

H-11

BEAM: H(11-12) FLOOR: 3

```

=====
Length: L = 3.57 m a = 0.20 m Section: b = 30.0 cm

```

	Lu = 3.17 m			c = 0.20 m			h = 30.0 cm				
X, m:	0.20	0.52	0.83	1.15	1.47	1.79	2.10	2.42	2.74	3.05	3.37
Mu(-), ton-m:	-1.18	-0.89	-0.61	-0.37	-0.31	-0.31	-0.31	-0.38	-0.64	-0.93	-1.24
Mu(+), ton-m:	0.95	0.81	0.65	0.49	0.31	0.31	0.31	0.46	0.62	0.77	0.91
As(-), cm2:	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51
As(+), cm2:	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51
vu, Kg/cm2:	1.56	1.55	1.47	1.40	1.33	1.30	1.37	1.45	1.52	1.59	1.61
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	6.25	6.25	12.50	12.50	12.50	12.50	12.50	12.50	12.50	6.25	6.25

DESIGN

-----

H-11	11 #3@ 6.25	13 #3@ 12.5	11 #3@ 6.25	H-12
------	-------------	-------------	-------------	------

BEAM: H(12-14) FLOOR: 3

	Length:			L = 3.57 m		a = 0.20 m		Section:				
				Lu = 3.17 m		c = 0.20 m		b = 30.0 cm		h = 30.0 cm		
X, m:	0.20	0.52	0.83	1.15	1.47	1.79	2.10	2.42	2.74	3.05	3.37	
Mu(-), ton-m:	-1.20	-0.89	-0.60	-0.34	-0.34	-0.34	-0.34	-0.46	-0.73	-1.03	-1.35	
Mu(+), ton-m:	1.01	0.86	0.69	0.50	0.34	0.34	0.40	0.59	0.76	0.92	1.08	
As(-), cm2:	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	
As(+), cm2:	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	
vu, Kg/cm2:	1.66	1.65	1.57	1.50	1.43	1.41	1.48	1.56	1.63	1.70	1.71	
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	
Spacing, cm:	6.25	6.25	12.50	12.50	12.50	12.50	12.50	12.50	12.50	6.25	6.25	

DESIGN

-----

H-12	11 #3@ 6.25	13 #3@ 12.5	11 #3@ 6.25	H-14
------	-------------	-------------	-------------	------

BEAM: 1(D-E) FLOOR: 2

	Length:			L = 3.51 m		a = 0.15 m		Section:				
				Lu = 3.21 m		c = 0.15 m		b = 15.0 cm		h = 35.0 cm		
X, m:	0.15	0.47	0.79	1.11	1.43	1.76	2.08	2.40	2.72	3.04	3.36	
Mu(-), ton-m:	-0.03	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.02	
Mu(+), ton-m:	0.19	0.37	0.53	0.67	0.77	0.82	0.81	0.74	0.61	0.44	0.23	
As(-), cm2:	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	

As(+), cm2:	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51
vu, Kg/cm2:	1.55	1.53	1.25	0.98	0.68	0.35	0.46	0.79	1.16	1.59	1.62
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	7.50	7.50	7.50	15.00	15.00	15.00	15.00	15.00	7.50	7.50	7.50

DESIGN

D-1 11 #3@ 7.5 10 #3@ 15 11 #3@ 7.5 E-1

BEAM: 1(F-G) FLOOR: 2

Length: L = 3.16 m a = 0.00 m Section: b = 15.0 cm  
Lu = 3.01 m c = 0.15 m h = 35.0 cm

X, m:	0.00	0.30	0.60	0.90	1.20	1.51	1.81	2.11	2.41	2.71	3.01
Mu(-), ton-m:	0.00	-0.04	-0.14	-0.31	-0.55	-0.86	-1.23	-1.68	-2.13	-2.59	-3.07
Mu(+), ton-m:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As(-), cm2:	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.54	1.98	2.44	2.93
As(+), cm2:	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51
vu, Kg/cm2:	0.00	0.50	1.00	1.50	2.00	2.51	3.01	3.51	3.90	4.15	4.15
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00

DESIGN

F-1 20 #3@ 15 G-1

BEAM: 2(B-D) FLOOR: 2

Length: L = 3.84 m a = 0.20 m Section: b = 30.0 cm  
Lu = 3.44 m c = 0.20 m h = 35.0 cm

X, m:	0.20	0.54	0.89	1.23	1.58	1.92	2.26	2.61	2.95	3.30	3.64
Mu(-), ton-m:	-3.82	-2.67	-1.70	-0.99	-0.99	-0.99	-0.99	-0.99	-1.54	-2.65	-3.97
Mu(+), ton-m:	2.44	2.30	2.15	1.93	1.58	1.08	1.19	1.47	1.65	1.80	1.98
As(-), cm2:	3.54	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.67
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	4.57	4.52	4.11	3.70	3.28	2.93	3.40	3.87	4.33	4.80	4.86
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	7.50	7.50	7.50	15.00	15.00	15.00	15.00	15.00	7.50	7.50	7.50

DESIGN

-----  
 B-2 11 #3@ 7.5 11 #3@ 15 11 #3@ 7.5 D-2

BEAM: 2(D-E) FLOOR: 2

=====

Length: L = 3.51 m a = 0.20 m Section: b = 30.0 cm  
 Lu = 3.11 m c = 0.20 m h = 35.0 cm

-----

X, m:	0.20	0.51	0.82	1.13	1.44	1.76	2.07	2.38	2.69	3.00	3.31
Mu(-), ton-m:	-3.74	-2.69	-1.75	-0.99	-0.99	-0.99	-0.99	-0.99	-1.59	-2.68	-3.97
Mu(+), ton-m:	2.11	1.94	1.76	1.58	1.31	0.99	1.19	1.48	1.66	1.82	1.98
As(-), cm2:	3.45	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.67
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	4.79	4.78	4.46	4.13	3.64	3.09	3.48	4.02	4.57	5.11	5.13
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	7.50	7.50	7.50	15.00	15.00	15.00	15.00	15.00	7.50	7.50	7.50

DESIGN

-----  
 D-2 11 #3@ 7.5 9 #3@ 15 11 #3@ 7.5 E-2

BEAM: 2(E-G) FLOOR: 2

=====

Length: L = 3.51 m a = 0.20 m Section: b = 30.0 cm  
 Lu = 3.11 m c = 0.20 m h = 35.0 cm

-----

X, m:	0.20	0.51	0.82	1.13	1.44	1.76	2.07	2.38	2.69	3.00	3.31
Mu(-), ton-m:	-4.66	-3.49	-2.05	-1.17	-1.17	-1.17	-1.17	-1.17	-1.63	-2.59	-3.67
Mu(+), ton-m:	2.33	1.82	1.80	1.75	1.55	1.28	1.67	1.96	2.08	2.15	2.23
As(-), cm2:	4.36	3.21	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.38
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	6.39	6.36	5.67	4.97	4.27	3.58	3.96	4.65	5.27	5.57	5.58
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	7.50	7.50	7.50	15.00	15.00	15.00	15.00	15.00	7.50	7.50	7.50

DESIGN

-----  
 E-2 11 #3@ 7.5 9 #3@ 15 11 #3@ 7.5 G-2

BEAM: 2(G-H) FLOOR: 2

```

=====
Length: L = 3.84 m a = 0.20 m Section: b = 30.0 cm
Lu = 3.44 m c = 0.20 m h = 35.0 cm
=====
X, m: 0.20 0.54 0.89 1.23 1.58 1.92 2.26 2.61 2.95 3.30 3.64
Mu(-), ton-m: -4.27 -2.98 -1.84 -1.07 -1.07 -1.07 -1.07 -1.07 -1.65 -2.59 -3.71
Mu(+), ton-m: 2.13 1.62 1.44 1.22 1.07 1.07 1.37 1.80 2.10 2.32 2.50
As(-), cm2: 3.97 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.43
As(+), cm2: 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01
vu, Kg/cm2: 5.02 4.96 4.54 4.12 3.70 3.28 3.21 3.63 4.05 4.48 4.53
Stirrup: #3 #3 #3 #3 #3 #3 #3 #3 #3 #3 #3
Spacing, cm: 7.50 7.50 7.50 15.00 15.00 15.00 15.00 15.00 7.50 7.50 7.50
=====

```

DESIGN

```

-----
G-2 11 #3@ 7.5 11 #3@ 15 11 #3@ 7.5 H-2

```

BEAM: 3(A-B) FLOOR: 2

```

=====
Length: L = 1.20 m a = 0.00 m Section: b = 15.0 cm
Lu = 1.20 m c = 0.00 m h = 35.0 cm
=====
X, m: 0.00 0.12 0.24 0.36 0.48 0.60 0.72 0.84 0.96 1.08 1.20
Mu(-), ton-m: 0.00 0.00 0.00 0.00 0.00 0.00 0.00 -0.01 -0.03 -0.06 -0.10
Mu(+), ton-m: 0.00 0.02 0.04 0.05 0.05 0.04 0.04 0.02 0.00 0.00 0.00
As(-), cm2: 1.51 1.51 1.51 1.51 1.51 1.51 1.51 1.51 1.51 1.51 1.51
As(+), cm2: 1.51 1.51 1.51 1.51 1.51 1.51 1.51 1.51 1.51 1.51 1.51
vu, Kg/cm2: 0.17 0.17 0.17 0.11 0.07 0.19 0.31 0.43 0.56 0.69 0.82
Stirrup: #3 #3 #3 #3 #3 #3 #3 #3 #3 #3 #3
Spacing, cm: 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00
=====

```

DESIGN

```

-----
A-3 8 #3@ 15 B-3

```

BEAM: 3(E-F) FLOOR: 2

```

=====
Length: L = 0.35 m a = 0.00 m Section: b = 30.0 cm
Lu = 0.35 m c = 0.00 m h = 35.0 cm
=====
X, m: 0.00 0.04 0.07 0.11 0.14 0.18 0.21 0.25 0.28 0.32 0.35
Mu(-), ton-m: -0.02 -0.02 -0.01 -0.01 -0.01 0.00 0.00 0.00 0.00 0.00 0.00
=====

```



Mu(+), ton-m:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As(-), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.01	0.00
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00

DESIGN

E-3

3 #3@ 15

F-3

BEAM: 3(H-I) FLOOR: 2

=====											
Length: L = 1.20 m a = 0.00 m Section: b = 15.0 cm											
Lu = 1.20 m c = 0.00 m h = 35.0 cm											
-----											
X, m:	0.00	0.12	0.24	0.36	0.48	0.60	0.72	0.84	0.96	1.08	1.20
Mu(-), ton-m:	-0.10	-0.06	-0.03	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mu(+), ton-m:	0.00	0.00	0.00	0.02	0.03	0.04	0.05	0.05	0.04	0.02	0.00
As(-), cm2:	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51
As(+), cm2:	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51
vu, Kg/cm2:	0.49	0.49	0.49	0.43	0.31	0.19	0.07	0.11	0.23	0.35	0.48
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00

DESIGN

H-3

8 #3@ 15

I-3

BEAM: 4(A-B) FLOOR: 2

=====											
Length: L = 1.20 m a = 0.00 m Section: b = 30.0 cm											
Lu = 1.00 m c = 0.20 m h = 35.0 cm											
-----											
X, m:	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00
Mu(-), ton-m:	-0.01	-0.18	-0.37	-0.56	-0.75	-0.96	-1.17	-1.39	-1.62	-1.85	-2.10
Mu(+), ton-m:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As(-), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	2.29	2.39	2.49	2.59	2.69	2.79	2.89	2.99	2.99	2.99	2.99
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00

DESIGN

A-4 7 #3@ 15 B-4

BEAM: 4 (B-D) FLOOR: 2

	Length:		L = 3.84 m		a = 0.20 m		Section:		b = 30.0 cm		
	Lu = 3.44 m		c = 0.20 m		h = 35.0 cm						
X, m:	0.20	0.54	0.89	1.23	1.58	1.92	2.26	2.61	2.95	3.30	3.64
Mu(-), ton-m:	-4.93	-3.22	-1.82	-1.23	-1.23	-1.23	-1.23	-1.23	-1.35	-2.76	-4.55
Mu(+), ton-m:	2.46	1.84	1.96	2.10	2.03	1.74	1.80	1.94	1.85	1.70	2.27
As(-), cm2:	4.63	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	4.25
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	6.59	6.49	5.75	5.01	4.25	3.40	3.92	4.78	5.64	6.50	6.61
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	7.50	7.50	7.50	15.00	15.00	15.00	15.00	15.00	7.50	7.50	7.50

DESIGN

B-4 11 #3@ 7.5 11 #3@ 15 11 #3@ 7.5 D-4

BEAM: 4 (D-E) FLOOR: 2

	Length:		L = 3.51 m		a = 0.20 m		Section:		b = 30.0 cm		
	Lu = 3.11 m		c = 0.20 m		h = 35.0 cm						
X, m:	0.20	0.51	0.82	1.13	1.44	1.76	2.07	2.38	2.69	3.00	3.31
Mu(-), ton-m:	-4.00	-2.87	-1.86	-1.00	-1.00	-1.00	-1.00	-1.00	-1.50	-2.58	-3.89
Mu(+), ton-m:	2.00	1.77	1.62	1.47	1.28	1.00	1.24	1.53	1.69	1.81	1.95
As(-), cm2:	3.71	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.60
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	5.03	5.02	4.67	4.31	3.76	3.16	3.34	3.94	4.54	5.14	5.16
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	7.50	7.50	7.50	15.00	15.00	15.00	15.00	15.00	7.50	7.50	7.50

DESIGN

D-4 11 #3@ 7.5 9 #3@ 15 11 #3@ 7.5 E-4

BEAM: 4(E-G) FLOOR: 2

```

=====
Length:  L = 3.51 m   a = 0.20 m   Section:  b = 30.0 cm
          Lu = 3.11 m  c = 0.20 m           h = 35.0 cm
-----
X, m:      0.20    0.51    0.82    1.13    1.44    1.76    2.07    2.38    2.69    3.00    3.31
Mu(-), ton-m: -4.42  -3.27  -1.88  -1.11  -1.11  -1.11  -1.11  -1.11  -2.05  -3.20  -4.42
Mu(+), ton-m:  2.21   1.89   1.88   1.82   1.56   1.19   1.45   1.58   1.63   1.67   2.21
As(-), cm2:   4.12   3.01   3.01   3.01   3.01   3.01   3.01   3.01   3.01   3.01   4.12
As(+), cm2:   3.01   3.01   3.01   3.01   3.01   3.01   3.01   3.01   3.01   3.01   3.01
vu, Kg/cm2:   6.23   6.20   5.43   4.66   3.88   3.47   4.24   5.01   5.69   6.02   6.04
Stirrup:      #3     #3     #3     #3     #3     #3     #3     #3     #3     #3     #3
Spacing, cm:  7.50   7.50   7.50  15.00  15.00  15.00  15.00  15.00  7.50   7.50   7.50

```

DESIGN

```

-----
E-4                                11 #3@ 7.5  9 #3@ 15  11 #3@ 7.5                                G-4

```

BEAM: 4(G-H) FLOOR: 2

```

=====
Length:  L = 3.84 m   a = 0.20 m   Section:  b = 30.0 cm
          Lu = 3.44 m  c = 0.20 m           h = 35.0 cm
-----
X, m:      0.20    0.54    0.89    1.23    1.58    1.92    2.26    2.61    2.95    3.30    3.64
Mu(-), ton-m: -4.36  -2.70  -1.38  -1.23  -1.23  -1.23  -1.23  -1.23  -1.80  -3.21  -4.93
Mu(+), ton-m:  2.18   1.75   1.82   1.87   1.70   1.51   1.86   2.00   1.90   1.81   2.47
As(-), cm2:   4.06   3.01   3.01   3.01   3.01   3.01   3.01   3.01   3.01   3.01   4.63
As(+), cm2:   3.01   3.01   3.01   3.01   3.01   3.01   3.01   3.01   3.01   3.01   3.01
vu, Kg/cm2:   6.26   6.16   5.40   4.63   3.87   3.28   4.05   4.81   5.58   6.34   6.44
Stirrup:      #3     #3     #3     #3     #3     #3     #3     #3     #3     #3     #3
Spacing, cm:  7.50   7.50   7.50  15.00  15.00  15.00  15.00  15.00  7.50   7.50   7.50

```

DESIGN

```

-----
G-4                                11 #3@ 7.5  11 #3@ 15  11 #3@ 7.5                                H-4

```

BEAM: 4(H-I) FLOOR: 2

```

=====
Length:  L = 1.20 m   a = 0.20 m   Section:  b = 30.0 cm
          Lu = 1.00 m  c = 0.00 m           h = 35.0 cm
-----

```

X, m:	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00	1.10	1.20
Mu(-), ton-m:	-2.09	-1.85	-1.62	-1.39	-1.17	-0.96	-0.75	-0.55	-0.36	-0.18	-0.01
Mu(+), ton-m:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As(-), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	2.98	2.98	2.98	2.98	2.88	2.78	2.68	2.58	2.48	2.38	2.28
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00

DESIGN

H-4 7 #3@ 15 I-4

BEAM: 5 (A-B) FLOOR: 2

=====											
Length: L = 1.20 m a = 0.00 m Section: b = 15.0 cm											
Lu = 1.20 m c = 0.00 m h = 35.0 cm											
-----											
X, m:	0.00	0.12	0.24	0.36	0.48	0.60	0.72	0.84	0.96	1.08	1.20
Mu(-), ton-m:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.05	-0.10	-0.15
Mu(+), ton-m:	0.01	0.03	0.04	0.05	0.05	0.04	0.02	0.00	0.00	0.00	0.00
As(-), cm2:	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51
As(+), cm2:	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51
vu, Kg/cm2:	0.12	0.12	0.12	0.05	0.14	0.29	0.45	0.61	0.77	0.93	1.08
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00

DESIGN

A-5 8 #3@ 15 B-5

BEAM: 5 (D-E) FLOOR: 2

=====											
Length: L = 3.51 m a = 0.15 m Section: b = 30.0 cm											
Lu = 3.21 m c = 0.15 m h = 35.0 cm											
-----											
X, m:	0.15	0.47	0.79	1.11	1.43	1.76	2.08	2.40	2.72	3.04	3.36
Mu(-), ton-m:	-0.08	-0.08	-0.08	-0.08	-0.08	-0.08	-0.08	-0.08	-0.08	-0.08	-0.33
Mu(+), ton-m:	0.54	1.27	1.98	2.56	2.72	2.58	2.39	2.10	1.74	1.29	0.76
As(-), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	2.99	2.97	2.74	2.51	0.74	1.01	1.27	1.56	1.88	2.20	2.22

Stirrup: #3 #3 #3 #3 #3 #3 #3 #3 #3 #3 #3  
 Spacing, cm: 7.50 7.50 7.50 15.00 15.00 15.00 15.00 15.00 7.50 7.50 7.50

DESIGN

-----  
 D-5 11 #3@ 7.5 10 #3@ 15 11 #3@ 7.5 E-5

BEAM: 5(E-F') FLOOR: 2

=====  
 Length: L = 2.63 m a = 0.15 m Section: b = 30.0 cm  
 Lu = 2.40 m c = 0.08 m h = 35.0 cm  
 -----  
 X, m: 0.15 0.39 0.63 0.87 1.11 1.35 1.59 1.83 2.07 2.31 2.55  
 Mu(-), ton-m: -0.43 -0.20 -0.11 -0.11 -0.11 -0.11 -0.11 -0.11 -0.11 -0.11 -0.11  
 Mu(+), ton-m: 0.60 0.86 1.17 1.45 1.68 1.85 1.96 2.01 2.00 1.94 1.84  
 As(-), cm2: 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01  
 As(+), cm2: 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01  
 vu, Kg/cm2: 3.01 3.01 2.84 2.60 2.37 2.14 1.91 1.68 1.49 1.64 1.64  
 Stirrup: #3 #3 #3 #3 #3 #3 #3 #3 #3 #3 #3  
 Spacing, cm: 7.50 7.50 7.50 15.00 15.00 15.00 15.00 15.00 7.50 7.50 7.50

DESIGN

-----  
 E-5 11 #3@ 7.5 4 #3@ 15 11 #3@ 7.5 F'-5

BEAM: 5(F'-G) FLOOR: 2

=====  
 Length: L = 0.88 m a = 0.08 m Section: b = 30.0 cm  
 Lu = 0.66 m c = 0.15 m h = 35.0 cm  
 -----  
 X, m: 0.08 0.14 0.21 0.27 0.34 0.40 0.47 0.54 0.60 0.67 0.73  
 Mu(-), ton-m: 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00  
 Mu(+), ton-m: 1.48 1.38 1.27 1.16 1.06 0.96 0.85 0.74 0.64 0.53 0.42  
 As(-), cm2: 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01  
 As(+), cm2: 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01  
 vu, Kg/cm2: 5.36 5.36 5.36 5.36 5.36 5.38 5.39 5.39 5.39 5.39 5.39  
 Stirrup: #3 #3 #3 #3 #3 #3 #3 #3 #3 #3 #3  
 Spacing, cm: 7.50 7.50 7.50 7.50 7.50 7.50 7.50 7.50 7.50 7.50 7.50

DESIGN

-----

F'-5

9 #3@ 7.5

G-5

BEAM: 5(H-I) FLOOR: 2

```

=====
Length:  L = 1.20 m  a = 0.00 m  Section:  b = 15.0 cm
          Lu = 1.20 m  c = 0.00 m           h = 35.0 cm
-----
X, m:      0.00    0.12    0.24    0.36    0.48    0.60    0.72    0.84    0.96    1.08    1.20
Mu(-), ton-m: -0.15  -0.10  -0.06  -0.02   0.00   0.00   0.00   0.00   0.00   0.00   0.00
Mu(+), ton-m:  0.00   0.00   0.00   0.00   0.02   0.04   0.05   0.05   0.04   0.03   0.01
As(-), cm2:   1.51   1.51   1.51   1.51   1.51   1.51   1.51   1.51   1.51   1.51   1.51
As(+), cm2:   1.51   1.51   1.51   1.51   1.51   1.51   1.51   1.51   1.51   1.51   1.51
vu, Kg/cm2:   0.69   0.69   0.69   0.61   0.45   0.29   0.14   0.04   0.19   0.34   0.50
Stirrup:      #3     #3     #3     #3     #3     #3     #3     #3     #3     #3     #3
Spacing, cm:  15.00  15.00  15.00  15.00  15.00  15.00  15.00  15.00  15.00  15.00  15.00

```

DESIGN

H-5

8 #3@ 15

I-5

BEAM: 6(B-D) FLOOR: 2

```

=====
Length:  L = 3.84 m  a = 0.20 m  Section:  b = 30.0 cm
          Lu = 3.44 m  c = 0.20 m           h = 35.0 cm
-----
X, m:      0.20    0.54    0.89    1.23    1.58    1.92    2.26    2.61    2.95    3.30    3.64
Mu(-), ton-m: -3.96  -2.75  -1.73  -1.02  -1.02  -1.02  -1.02  -1.02  -1.68  -2.79  -4.09
Mu(+), ton-m:  2.39   2.22   2.02   1.80   1.46   1.04   1.35   1.71   1.93   2.12   2.28
As(-), cm2:   3.67   3.01   3.01   3.01   3.01   3.01   3.01   3.01   3.01   3.01   3.80
As(+), cm2:   3.01   3.01   3.01   3.01   3.01   3.01   3.01   3.01   3.01   3.01   3.01
vu, Kg/cm2:   4.69   4.64   4.23   3.82   3.40   2.94   3.35   3.82   4.29   4.76   4.82
Stirrup:      #3     #3     #3     #3     #3     #3     #3     #3     #3     #3     #3
Spacing, cm:  7.50   7.50   7.50  15.00  15.00  15.00  15.00  15.00   7.50   7.50   7.50

```

DESIGN

B-6

11 #3@ 7.5 11 #3@ 15 11 #3@ 7.5

D-6

BEAM: 6(G-H) FLOOR: 2

```

=====
Length:  L = 3.84 m  a = 0.20 m  Section:  b = 30.0 cm

```



As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	3.87	3.79	1.62	1.47	1.32	1.21	1.36	1.50	1.65	1.79	1.86
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	7.50	7.50	15.00	15.00	15.00	15.00	15.00	15.00	15.00	7.50	7.50

DESIGN

D-7 11 #3@ 7.5 27 #3@ 15 11 #3@ 7.5 F'-7

BEAM: 7(F'-G) FLOOR: 2

	Length:		L = 0.88 m	a = 0.08 m	Section:	b = 30.0 cm					
			Lu = 0.61 m	c = 0.20 m		h = 35.0 cm					

X, m:	0.08	0.14	0.20	0.26	0.32	0.38	0.44	0.50	0.56	0.62	0.68
Mu(-), ton-m:	-2.37	-2.56	-2.75	-2.94	-3.13	-3.32	-3.51	-3.70	-3.89	-4.08	-4.27
Mu(+), ton-m:	1.19	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	2.14
As(-), cm2:	3.01	3.01	3.01	3.01	3.01	3.05	3.23	3.41	3.60	3.79	3.97
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	17.46	17.46	17.46	17.46	17.46	17.46	17.46	17.46	17.46	17.46	17.46
Stirrup:	#3 Db1	#3 Db1	#3 Db1	#3 Db1	#3 Db1	#3 Db1	#3 Db1	#3 Db1	#3 Db1	#3 Db1	#3 Db1
Spacing, cm:	11.10	11.10	11.10	11.10	11.10	11.10	11.10	11.10	11.10	11.10	11.10

DESIGN

F'-7 7 #3 Db1@ 10 G-7

BEAM: 7(G-H) FLOOR: 2

	Length:		L = 3.84 m	a = 0.20 m	Section:	b = 30.0 cm					
			Lu = 3.44 m	c = 0.20 m		h = 35.0 cm					

X, m:	0.20	0.54	0.89	1.23	1.58	1.92	2.26	2.61	2.95	3.30	3.64
Mu(-), ton-m:	-4.43	-2.76	-1.45	-1.16	-1.16	-1.16	-1.16	-1.16	-1.57	-2.93	-4.63
Mu(+), ton-m:	2.21	1.79	1.91	1.98	1.83	1.62	1.92	2.07	1.99	1.91	2.31
As(-), cm2:	4.13	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	4.32
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	6.18	6.08	5.32	4.56	3.79	3.11	3.87	4.63	5.39	6.16	6.26
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	7.50	7.50	7.50	15.00	15.00	15.00	15.00	15.00	7.50	7.50	7.50

DESIGN



---

G-7                                      11 #3@ 7.5    11 #3@ 15    11 #3@ 7.5                                      H-7

BEAM: 8 (F'-G) FLOOR: 2

---

		Length:		L = 0.88 m	a = 0.00 m	Section:	b = 30.0 cm				
			Lu = 0.68 m		c = 0.20 m		h = 35.0 cm				
X, m:	0.00	0.07	0.14	0.21	0.27	0.34	0.41	0.48	0.55	0.62	0.68
Mu(-), ton-m:	-0.01	-0.09	-0.17	-0.26	-0.34	-0.43	-0.51	-0.60	-0.69	-0.78	-0.87
Mu(+), ton-m:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As(-), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	1.73	1.75	1.76	1.78	1.80	1.82	1.83	1.83	1.83	1.83	1.83
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00

DESIGN

---

F'-8                                      5 #3@ 15                                      G-8

BEAM: 8 (G-H) FLOOR: 2

---

		Length:		L = 3.84 m	a = 0.20 m	Section:	b = 30.0 cm				
			Lu = 3.44 m		c = 0.20 m		h = 35.0 cm				
X, m:	0.20	0.54	0.89	1.23	1.58	1.92	2.26	2.61	2.95	3.30	3.64
Mu(-), ton-m:	-4.60	-2.90	-1.55	-1.15	-1.15	-1.15	-1.15	-1.15	-1.55	-2.91	-4.62
Mu(+), ton-m:	2.30	1.90	1.97	2.03	1.87	1.59	1.87	2.03	1.96	1.90	2.31
As(-), cm2:	4.30	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	4.32
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	6.25	6.15	5.39	4.62	3.86	3.11	3.88	4.64	5.40	6.16	6.26
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	7.50	7.50	7.50	15.00	15.00	15.00	15.00	15.00	7.50	7.50	7.50

DESIGN

---

G-8                                      11 #3@ 7.5    11 #3@ 15    11 #3@ 7.5                                      H-8

BEAM: 9 (F'-G) FLOOR: 2

```

=====
Length: L = 0.88 m a = 0.00 m Section: b = 30.0 cm
Lu = 0.68 m c = 0.20 m h = 35.0 cm
=====
X, m: 0.00 0.07 0.14 0.21 0.27 0.34 0.41 0.48 0.55 0.62 0.68
Mu(-), ton-m: 0.00 -0.14 -0.28 -0.42 -0.56 -0.70 -0.84 -0.99 -1.13 -1.28 -1.43
Mu(+), ton-m: 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00
As(-), cm2: 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01
As(+), cm2: 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01
vu, Kg/cm2: 2.90 2.92 2.94 2.95 2.97 2.99 3.00 3.00 3.00 3.00 3.00
Stirrup: #3 #3 #3 #3 #3 #3 #3 #3 #3 #3 #3
Spacing, cm: 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00

```

DESIGN

```

-----
F'-9 5 #3@ 15 G-9

```

BEAM: 9(G-H) FLOOR: 2

```

=====
Length: L = 3.84 m a = 0.20 m Section: b = 30.0 cm
Lu = 3.44 m c = 0.20 m h = 35.0 cm
=====
X, m: 0.20 0.54 0.89 1.23 1.58 1.92 2.26 2.61 2.95 3.30 3.64
Mu(-), ton-m: -4.83 -3.01 -1.58 -1.28 -1.28 -1.28 -1.28 -1.28 -1.74 -3.25 -5.14
Mu(+), ton-m: 2.42 1.85 1.96 2.07 1.93 1.65 1.87 1.95 1.83 1.70 2.57
As(-), cm2: 4.53 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 4.83
As(+), cm2: 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01
vu, Kg/cm2: 6.86 6.75 5.88 5.02 4.16 3.48 4.34 5.20 6.07 6.93 7.04
Stirrup: #3 #3 #3 #3 #3 #3 #3 #3 #3 #3 #3
Spacing, cm: 7.50 7.50 7.50 15.00 15.00 15.00 15.00 15.00 7.50 7.50 7.50

```

DESIGN

```

-----
G-9 11 #3@ 7.5 11 #3@ 15 11 #3@ 7.5 H-9

```

BEAM: 9(H-I) FLOOR: 2

```

=====
Length: L = 1.20 m a = 0.20 m Section: b = 30.0 cm
Lu = 1.00 m c = 0.00 m h = 35.0 cm
=====
X, m: 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20
Mu(-), ton-m: -1.44 -1.26 -1.08 -0.92 -0.76 -0.61 -0.48 -0.35 -0.23 -0.12 -0.02

```

Mu(+), ton-m:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As(-), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	2.14	2.14	2.14	2.14	2.02	1.90	1.77	1.65	1.53	1.41	1.29
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00

DESIGN

H-9 7 #3@ 15 I-9

BEAM: 10 (F'-G) FLOOR: 2

=====											
Length: L = 0.88 m a = 0.00 m Section: b = 30.0 cm											
Lu = 0.68 m c = 0.20 m h = 35.0 cm											
-----											
X, m:	0.00	0.07	0.14	0.21	0.27	0.34	0.41	0.48	0.55	0.62	0.68
Mu(-), ton-m:	0.00	-0.13	-0.27	-0.40	-0.54	-0.67	-0.81	-0.95	-1.09	-1.23	-1.37
Mu(+), ton-m:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As(-), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	2.78	2.80	2.82	2.84	2.86	2.87	2.88	2.88	2.88	2.88	2.88
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00

DESIGN

F'-10 5 #3@ 15 G-10

BEAM: 10 (G-H) FLOOR: 2

=====											
Length: L = 3.84 m a = 0.20 m Section: b = 30.0 cm											
Lu = 3.44 m c = 0.20 m h = 35.0 cm											
-----											
X, m:	0.20	0.54	0.89	1.23	1.58	1.92	2.26	2.61	2.95	3.30	3.64
Mu(-), ton-m:	-4.84	-3.04	-1.62	-1.42	-1.42	-1.42	-1.42	-1.42	-2.07	-3.70	-5.66
Mu(+), ton-m:	2.42	2.04	2.10	2.13	1.91	1.53	1.74	1.80	1.73	1.61	2.83
As(-), cm2:	4.53	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.41	5.37
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	6.94	6.83	5.97	5.11	4.24	3.87	4.73	5.59	6.46	7.32	7.43
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	7.50	7.50	7.50	15.00	15.00	15.00	15.00	15.00	7.50	7.50	7.50

DESIGN

-----  
-----  
G-10 11 #3@ 7.5 11 #3@ 15 11 #3@ 7.5 H-10

BEAM: 10 (H-I) FLOOR: 2

=====

	Length:	L = 1.20 m	a = 0.20 m	Section:	b = 30.0 cm						
		Lu = 1.00 m	c = 0.00 m		h = 35.0 cm						

-----

X, m:	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00	1.10	1.20
Mu(-), ton-m:	-3.04	-2.67	-2.31	-1.97	-1.64	-1.33	-1.03	-0.75	-0.48	-0.22	0.00
Mu(+), ton-m:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
As(-), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	4.46	4.46	4.46	4.46	4.27	4.08	3.89	3.69	3.50	3.31	3.11
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00

DESIGN

-----  
-----  
H-10 7 #3@ 15 I-10

BEAM: 11 (F'-G) FLOOR: 2

=====

	Length:	L = 0.88 m	a = 0.00 m	Section:	b = 30.0 cm						
		Lu = 0.68 m	c = 0.20 m		h = 35.0 cm						

-----

X, m:	0.00	0.07	0.14	0.21	0.27	0.34	0.41	0.48	0.55	0.62	0.68
Mu(-), ton-m:	0.00	-0.11	-0.21	-0.32	-0.43	-0.54	-0.65	-0.76	-0.87	-0.99	-1.10
Mu(+), ton-m:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As(-), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	2.22	2.24	2.26	2.28	2.29	2.31	2.32	2.32	2.32	2.32	2.32
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00

DESIGN

-----  
-----  
F'-11 5 #3@ 15 G-11

BEAM: 11(G-H) FLOOR: 2

```

=====
Length:  L = 3.84 m  a = 0.20 m  Section:  b = 30.0 cm
          Lu = 3.44 m  c = 0.20 m          h = 35.0 cm
-----
X, m:      0.20  0.54  0.89  1.23  1.58  1.92  2.26  2.61  2.95  3.30  3.64
Mu(-), ton-m: -4.70 -3.03 -1.69 -1.37 -1.37 -1.37 -1.37 -1.37 -2.11 -3.65 -5.48
Mu(+), ton-m:  2.35  2.21  2.18  2.11  1.81  1.38  1.65  1.80  1.81  1.79  2.74
As(-), cm2:   4.40  3.01  3.01  3.01  3.01  3.01  3.01  3.01  3.01  3.36  5.19
As(+), cm2:   3.01  3.01  3.01  3.01  3.01  3.01  3.01  3.01  3.01  3.01  3.01
vu, Kg/cm2:  6.43  6.33  5.57  4.81  4.05  3.75  4.51  5.27  6.04  6.80  6.90
Stirrup:      #3    #3    #3    #3    #3    #3    #3    #3    #3    #3    #3
Spacing, cm:  7.50  7.50  7.50 15.00 15.00 15.00 15.00 15.00  7.50  7.50  7.50

```

DESIGN

```

-----
G-11              11 #3@ 7.5  11 #3@ 15  11 #3@ 7.5              H-11

```

BEAM: 11(H-I) FLOOR: 2

```

=====
Length:  L = 1.20 m  a = 0.20 m  Section:  b = 30.0 cm
          Lu = 1.00 m  c = 0.00 m          h = 35.0 cm
-----
X, m:      0.20  0.30  0.40  0.50  0.60  0.70  0.80  0.90  1.00  1.10  1.20
Mu(-), ton-m: -2.48 -2.18 -1.88 -1.60 -1.33 -1.08 -0.83 -0.61 -0.39 -0.18  0.00
Mu(+), ton-m:  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.01
As(-), cm2:   3.01  3.01  3.01  3.01  3.01  3.01  3.01  3.01  3.01  3.01  3.01
As(+), cm2:   3.01  3.01  3.01  3.01  3.01  3.01  3.01  3.01  3.01  3.01  3.01
vu, Kg/cm2:  3.66  3.66  3.66  3.66  3.49  3.32  3.15  2.98  2.80  2.63  2.46
Stirrup:      #3    #3    #3    #3    #3    #3    #3    #3    #3    #3    #3
Spacing, cm: 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00

```

DESIGN

```

-----
H-11              7 #3@ 15              I-11

```

BEAM: 12(F'-G) FLOOR: 2

```

=====
Length:  L = 0.88 m  a = 0.00 m  Section:  b = 30.0 cm
          Lu = 0.68 m  c = 0.20 m          h = 35.0 cm
-----

```

X, m:	0.00	0.07	0.14	0.21	0.27	0.34	0.41	0.48	0.55	0.62	0.68
Mu(-), ton-m:	0.00	-0.12	-0.25	-0.37	-0.50	-0.62	-0.75	-0.88	-1.01	-1.14	-1.27
Mu(+), ton-m:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As(-), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	2.57	2.59	2.61	2.63	2.64	2.66	2.67	2.67	2.67	2.67	2.67
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00

DESIGN

F'-12 5 #3@ 15 G-12

BEAM: 12 (G-H) FLOOR: 2

Length: L = 3.84 m a = 0.20 m Section: b = 30.0 cm  
Lu = 3.44 m c = 0.20 m h = 35.0 cm

X, m:	0.20	0.54	0.89	1.23	1.58	1.92	2.26	2.61	2.95	3.30	3.64
Mu(-), ton-m:	-3.69	-2.59	-1.69	-1.23	-1.23	-1.23	-1.23	-1.23	-2.22	-3.49	-4.91
Mu(+), ton-m:	3.09	2.85	2.55	2.11	1.54	1.23	1.24	1.54	1.82	2.08	2.46
As(-), cm2:	3.41	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.21	4.61
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	4.93	4.88	4.46	4.04	3.65	3.99	4.41	4.83	5.25	5.67	5.72
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	7.50	7.50	7.50	15.00	15.00	15.00	15.00	15.00	7.50	7.50	7.50

DESIGN

G-12 11 #3@ 7.5 11 #3@ 15 11 #3@ 7.5 H-12

BEAM: 12 (H-I) FLOOR: 2

Length: L = 1.20 m a = 0.20 m Section: b = 30.0 cm  
Lu = 1.00 m c = 0.00 m h = 35.0 cm

X, m:	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00	1.10	1.20
Mu(-), ton-m:	-1.13	-0.99	-0.85	-0.72	-0.60	-0.48	-0.37	-0.27	-0.18	-0.09	-0.02
Mu(+), ton-m:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As(-), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	1.69	1.69	1.69	1.69	1.59	1.49	1.39	1.29	1.19	1.09	0.99

Stirrup: #3 #3 #3 #3 #3 #3 #3 #3 #3 #3 #3 #3  
 Spacing, cm: 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00

DESIGN

H-12 7 #3@ 15 I-12

BEAM: 13(B-F) FLOOR: 2

=====  
 Length: L = 7.70 m a = 0.15 m Section: b = 30.0 cm  
 Lu = 7.35 m c = 0.20 m h = 35.0 cm  
 =====

X, m:	0.15	0.89	1.62	2.36	3.09	3.83	4.56	5.30	6.03	6.77	7.50
Mu(-), ton-m:	-0.81	-0.81	-0.81	-0.81	-0.81	-0.81	-0.81	-0.81	-1.45	-2.39	-3.25
Mu(+), ton-m:	0.81	0.81	0.81	1.14	1.30	1.30	1.13	0.84	0.81	0.81	1.62
As(-), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	1.30	1.20	1.03	0.84	0.81	0.99	1.18	1.36	1.55	1.73	1.84
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	7.50	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	7.50

DESIGN

B-13 11 #3@ 7.5 37 #3@ 15 11 #3@ 7.5 F-13

BEAM: 14(E-F) FLOOR: 2

=====  
 Length: L = 0.35 m a = 0.00 m Section: b = 30.0 cm  
 Lu = 0.15 m c = 0.20 m h = 35.0 cm  
 =====

X, m:	0.00	0.02	0.03	0.05	0.06	0.08	0.09	0.11	0.12	0.14	0.15
Mu(-), ton-m:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mu(+), ton-m:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As(-), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00

DESIGN

E-14

2 #3@ 15

F-14

BEAM: 14 (F-F') FLOOR: 2

=====											
	Length:		L = 2.28 m	a = 0.20 m	Section:	b = 30.0 cm					
			Lu = 1.98 m	c = 0.10 m		h = 35.0 cm					
-----											
X, m:	0.20	0.40	0.60	0.79	0.99	1.19	1.39	1.58	1.78	1.98	2.18
Mu(-), ton-m:	-5.16	-4.04	-2.93	-1.83	-1.68	-1.68	-1.68	-2.87	-4.14	-5.42	-6.71
Mu(+), ton-m:	5.77	4.57	3.35	2.12	1.68	1.68	1.68	2.53	3.60	4.66	5.72
As(-), cm2:	4.86	3.75	3.01	3.01	3.01	3.01	3.01	3.01	3.84	5.12	6.46
As(+), cm2:	5.49	4.26	3.08	3.01	3.01	3.01	3.01	3.01	3.31	4.36	5.43
vu, Kg/cm2:	10.05	10.05	10.07	10.11	10.16	10.20	10.24	10.29	10.33	10.35	10.35
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	7.50	7.50	7.50	7.50	9.54	9.50	9.46	7.50	7.50	7.50	7.50

DESIGN

F-14

26 #3@ 7.5

F'-14

BEAM: 14 (F'-G) FLOOR: 2

=====											
	Length:		L = 0.88 m	a = 0.10 m	Section:	b = 30.0 cm					
			Lu = 0.58 m	c = 0.20 m		h = 35.0 cm					
-----											
X, m:	0.10	0.16	0.22	0.28	0.33	0.39	0.45	0.51	0.57	0.63	0.68
Mu(-), ton-m:	-5.70	-4.75	-3.80	-2.86	-1.91	-1.42	-1.42	-1.42	-1.71	-2.57	-3.43
Mu(+), ton-m:	5.15	4.30	3.44	2.58	1.72	1.42	1.42	1.42	1.87	2.81	3.76
As(-), cm2:	5.41	4.45	3.51	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.16
As(+), cm2:	4.85	4.00	3.16	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.47
vu, Kg/cm2:	27.26	27.26	27.26	27.26	27.26	27.26	27.07	27.07	27.07	27.07	27.07
Stirrup:	Insff.S	Insff.S	Insff.S	Insff.S	Insff.S	Insff.S	Insff.S	Insff.S	Insff.S	Insff.S	Insff.S
Spacing, cm:	Insff.S	Insff.S	Insff.S	Insff.S	Insff.S	Insff.S	Insff.S	Insff.S	Insff.S	Insff.S	Insff.S

DESIGN

F'-14

Insufficient section

G-14

BEAM: 14 (G-H) FLOOR: 2

=====											
	Length:		L = 3.84 m	a = 0.20 m	Section:	b = 30.0 cm					



	Lu = 3.44 m	c = 0.20 m	h = 35.0 cm								
X, m:	0.20	0.54	0.89	1.23	1.58	1.92	2.26	2.61	2.95	3.30	3.64
Mu(-), ton-m:	-3.15	-2.43	-1.74	-1.08	-0.94	-0.94	-0.94	-1.39	-2.16	-2.95	-3.76
Mu(+), ton-m:	3.13	2.57	1.98	1.36	0.94	0.94	0.94	1.38	1.93	2.47	2.98
As(-), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.48
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	3.27	3.26	3.19	3.11	3.15	3.23	3.31	3.38	3.46	3.54	3.55
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	7.50	7.50	7.50	15.00	15.00	15.00	15.00	15.00	7.50	7.50	7.50

DESIGN

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-----

G-14 11 #3@ 7.5 11 #3@ 15 11 #3@ 7.5 H-14

BEAM: 2 (B-D) FLOOR: 3

	Length: L = 3.84 m					a = 0.20 m		Section: b = 30.0 cm			
	Lu = 3.44 m					c = 0.20 m		h = 30.0 cm			
X, m:	0.20	0.54	0.89	1.23	1.58	1.92	2.26	2.61	2.95	3.30	3.64
Mu(-), ton-m:	-1.76	-1.29	-0.88	-0.53	-0.44	-0.44	-0.44	-0.44	-0.78	-1.24	-1.74
Mu(+), ton-m:	1.27	1.13	0.99	0.82	0.60	0.44	0.45	0.64	0.81	0.96	1.10
As(-), cm2:	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51
As(+), cm2:	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51
vu, Kg/cm2:	2.27	2.23	2.08	1.92	1.76	1.64	1.80	1.97	2.13	2.29	2.34
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	6.25	6.25	12.50	12.50	12.50	12.50	12.50	12.50	12.50	6.25	6.25

DESIGN

---

-----

B-2 11 #3@ 6.25 16 #3@ 12.5 11 #3@ 6.25 D-2

BEAM: 2 (D-E) FLOOR: 3

	Length: L = 3.51 m					a = 0.20 m		Section: b = 30.0 cm			
	Lu = 3.11 m					c = 0.20 m		h = 30.0 cm			
X, m:	0.20	0.51	0.82	1.13	1.44	1.76	2.07	2.38	2.69	3.00	3.31
Mu(-), ton-m:	-1.64	-1.24	-0.87	-0.54	-0.42	-0.42	-0.42	-0.43	-0.79	-1.21	-1.67
Mu(+), ton-m:	1.23	1.08	0.92	0.74	0.52	0.42	0.42	0.63	0.82	1.00	1.17
As(-), cm2:	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51

As(+), cm2:	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51
vu, Kg/cm2:	2.28	2.26	2.14	2.02	1.88	1.74	1.88	2.02	2.17	2.32	2.35
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	6.25	6.25	12.50	12.50	12.50	12.50	12.50	12.50	12.50	6.25	6.25

DESIGN

D-2 11 #3@ 6.25 13 #3@ 12.5 11 #3@ 6.25 E-2

BEAM: 2(E-G) FLOOR: 3

=====  
Length: L = 3.51 m a = 0.20 m Section: b = 30.0 cm  
Lu = 3.11 m c = 0.20 m h = 35.0 cm

X, m:	0.20	0.51	0.82	1.13	1.44	1.76	2.07	2.38	2.69	3.00	3.31
Mu(-), ton-m:	-1.82	-1.46	-1.00	-0.60	-0.48	-0.48	-0.48	-0.65	-1.08	-1.49	-1.91
Mu(+), ton-m:	1.38	1.23	1.02	0.78	0.50	0.48	0.48	0.63	0.83	1.00	1.14
As(-), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	2.09	2.08	1.95	1.81	1.68	1.72	1.85	1.99	2.11	2.20	2.21
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	7.50	7.50	7.50	15.00	15.00	15.00	15.00	15.00	7.50	7.50	7.50

DESIGN

E-2 11 #3@ 7.5 9 #3@ 15 11 #3@ 7.5 G-2

BEAM: 2(G-H) FLOOR: 3

=====  
Length: L = 3.84 m a = 0.20 m Section: b = 30.0 cm  
Lu = 3.44 m c = 0.20 m h = 30.0 cm

X, m:	0.20	0.54	0.89	1.23	1.58	1.92	2.26	2.61	2.95	3.30	3.64
Mu(-), ton-m:	-1.50	-1.06	-0.68	-0.47	-0.47	-0.47	-0.47	-0.50	-0.89	-1.35	-1.87
Mu(+), ton-m:	1.22	1.10	0.95	0.76	0.53	0.47	0.56	0.74	0.88	1.02	1.15
As(-), cm2:	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51
As(+), cm2:	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51
vu, Kg/cm2:	2.24	2.20	2.04	1.88	1.72	1.76	1.92	2.08	2.24	2.40	2.45
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	6.25	6.25	12.50	12.50	12.50	12.50	12.50	12.50	12.50	6.25	6.25

DESIGN

-----  
 G-2 11 #3@ 6.25 16 #3@ 12.5 11 #3@ 6.25 H-2

BEAM: 4(B-D) FLOOR: 3

=====

Length: L = 3.84 m a = 0.20 m Section: b = 30.0 cm  
 Lu = 3.44 m c = 0.20 m h = 30.0 cm

-----

X, m:	0.20	0.54	0.89	1.23	1.58	1.92	2.26	2.61	2.95	3.30	3.64
Mu(-), ton-m:	-1.76	-1.24	-0.81	-0.51	-0.51	-0.51	-0.51	-0.51	-0.84	-1.39	-2.02
Mu(+), ton-m:	1.27	1.18	1.08	0.94	0.73	0.51	0.52	0.66	0.76	0.86	1.01
As(-), cm2:	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51
As(+), cm2:	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51
vu, Kg/cm2:	2.67	2.61	2.37	2.14	1.91	1.88	2.12	2.37	2.61	2.86	2.92
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	6.25	6.25	12.50	12.50	12.50	12.50	12.50	12.50	12.50	6.25	6.25

DESIGN

-----  
 B-4 11 #3@ 6.25 16 #3@ 12.5 11 #3@ 6.25 D-4

BEAM: 4(D-E) FLOOR: 3

=====

Length: L = 3.51 m a = 0.20 m Section: b = 30.0 cm  
 Lu = 3.11 m c = 0.20 m h = 30.0 cm

-----

X, m:	0.20	0.51	0.82	1.13	1.44	1.76	2.07	2.38	2.69	3.00	3.31
Mu(-), ton-m:	-1.89	-1.30	-0.80	-0.50	-0.50	-0.50	-0.50	-0.50	-0.81	-1.36	-2.02
Mu(+), ton-m:	1.06	1.03	1.00	0.95	0.79	0.56	0.63	0.74	0.82	0.89	1.01
As(-), cm2:	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51
As(+), cm2:	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51
vu, Kg/cm2:	3.16	3.12	2.90	2.68	2.01	1.95	2.24	2.54	2.83	3.13	3.19
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	6.25	6.25	12.50	12.50	12.50	12.50	12.50	12.50	12.50	6.25	6.25

DESIGN

-----  
 D-4 11 #3@ 6.25 13 #3@ 12.5 11 #3@ 6.25 E-4

BEAM: 4(E-G) FLOOR: 3

```

=====
Length: L = 3.51 m a = 0.20 m Section: b = 30.0 cm
Lu = 3.11 m c = 0.20 m h = 35.0 cm
=====
X, m: 0.20 0.51 0.82 1.13 1.44 1.76 2.07 2.38 2.69 3.00 3.31
Mu(-), ton-m: -2.26 -1.74 -1.10 -0.57 -0.57 -0.57 -0.57 -0.57 -0.93 -1.46 -2.06
Mu(+), ton-m: 1.13 1.05 0.95 0.84 0.68 0.57 0.68 0.87 0.96 1.01 1.04
As(-), cm2: 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01
As(+), cm2: 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01 3.01
vu, Kg/cm2: 2.77 2.76 2.50 2.23 1.96 1.69 1.86 2.12 2.69 2.86 2.87
Stirrup: #3 #3 #3 #3 #3 #3 #3 #3 #3 #3 #3
Spacing, cm: 7.50 7.50 7.50 15.00 15.00 15.00 15.00 15.00 7.50 7.50 7.50
=====

```

DESIGN

```

-----
E-4 11 #3@ 7.5 9 #3@ 15 11 #3@ 7.5 G-4

```

BEAM: 4(G-H) FLOOR: 3

```

=====
Length: L = 3.84 m a = 0.20 m Section: b = 30.0 cm
Lu = 3.44 m c = 0.20 m h = 30.0 cm
=====
X, m: 0.20 0.54 0.89 1.23 1.58 1.92 2.26 2.61 2.95 3.30 3.64
Mu(-), ton-m: -1.89 -1.29 -0.78 -0.47 -0.47 -0.47 -0.47 -0.47 -0.82 -1.30 -1.87
Mu(+), ton-m: 1.00 0.91 0.82 0.72 0.56 0.47 0.68 0.87 1.00 1.10 1.19
As(-), cm2: 2.51 2.51 2.51 2.51 2.51 2.51 2.51 2.51 2.51 2.51 2.51
As(+), cm2: 2.51 2.51 2.51 2.51 2.51 2.51 2.51 2.51 2.51 2.51 2.51
vu, Kg/cm2: 2.73 2.66 2.42 2.18 1.94 1.70 1.86 2.10 2.34 2.58 2.64
Stirrup: #3 #3 #3 #3 #3 #3 #3 #3 #3 #3 #3
Spacing, cm: 6.25 6.25 12.50 12.50 12.50 12.50 12.50 12.50 12.50 6.25 6.25
=====

```

DESIGN

```

-----
G-4 11 #3@ 6.25 16 #3@ 12.5 11 #3@ 6.25 H-4

```

BEAM: 6(B-D) FLOOR: 3

```

=====
Length: L = 3.84 m a = 0.20 m Section: b = 30.0 cm
Lu = 3.44 m c = 0.20 m h = 30.0 cm
=====
X, m: 0.20 0.54 0.89 1.23 1.58 1.92 2.26 2.61 2.95 3.30 3.64
Mu(-), ton-m: -2.51 -1.52 -0.76 -0.64 -0.64 -0.64 -0.64 -0.64 -0.73 -1.53 -2.57

```



DESIGN

B-7 11 #3@ 6.25 16 #3@ 12.5 11 #3@ 6.25 D-7

BEAM: 7(D-G) FLOOR: 3

	=====										
	Length:			L = 7.02 m		a = 0.20 m		Section:		b = 30.0 cm	
				Lu = 6.62 m		c = 0.20 m				h = 30.0 cm	
	-----										
X, m:	0.20	0.86	1.52	2.19	2.85	3.51	4.17	4.83	5.50	6.16	6.82
Mu(-), ton-m:	-5.91	-2.72	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-2.88	-5.64
Mu(+), ton-m:	2.95	1.48	1.48	1.96	2.89	3.24	2.83	1.84	1.48	1.48	2.82
As(-), cm2:	7.02	3.02	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	6.67
As(+), cm2:	3.30	2.51	2.51	2.51	3.23	3.64	3.15	2.51	2.51	2.51	3.14
vu, Kg/cm2:	8.88	7.57	5.63	4.55	3.47	2.49	3.56	4.64	5.72	7.18	8.28
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	6.25	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	6.25

DESIGN

D-7 11 #3@ 6.25 41 #3@ 12.5 11 #3@ 6.25 G-7

BEAM: 7(G-H) FLOOR: 3

	=====										
	Length:			L = 3.84 m		a = 0.20 m		Section:		b = 30.0 cm	
				Lu = 3.44 m		c = 0.20 m				h = 30.0 cm	
	-----										
X, m:	0.20	0.54	0.89	1.23	1.58	1.92	2.26	2.61	2.95	3.30	3.64
Mu(-), ton-m:	-4.03	-2.44	-1.16	-1.01	-1.01	-1.01	-1.01	-1.01	-1.01	-1.51	-2.79
Mu(+), ton-m:	2.01	1.01	1.01	1.08	1.35	1.55	1.65	1.65	1.41	1.08	1.40
As(-), cm2:	4.59	2.69	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	3.11
As(+), cm2:	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51
vu, Kg/cm2:	7.57	7.30	6.33	5.35	4.37	3.40	3.42	4.39	5.37	6.34	6.61
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	6.25	6.25	12.50	12.50	12.50	12.50	12.50	12.50	12.50	6.25	6.25

DESIGN

G-7 11 #3@ 6.25 16 #3@ 12.5 11 #3@ 6.25 H-7

BEAM: 8(B-C) FLOOR: 3

```

=====
Length:  L = 1.54 m  a = 0.20 m  Section:  b = 30.0 cm
          Lu = 1.34 m  c = 0.00 m          h = 30.0 cm
=====
X, m:      0.20  0.33  0.47  0.60  0.74  0.87  1.00  1.14  1.27  1.41  1.54
Mu(-), ton-m: -2.53 -2.08 -1.67 -1.32 -1.00 -0.73 -0.50 -0.31 -0.17 -0.07 0.00
Mu(+), ton-m:  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.01
As(-), cm2:   2.80  2.51  2.51  2.51  2.51  2.51  2.51  2.51  2.51  2.51  2.51
As(+), cm2:   2.51  2.51  2.51  2.51  2.51  2.51  2.51  2.51  2.51  2.51  2.51
vu, Kg/cm2:   4.44  4.44  4.37  3.88  3.38  2.89  2.40  1.91  1.42  0.96  0.54
Stirrup:      #3    #3    #3    #3    #3    #3    #3    #3    #3    #3    #3
Spacing, cm:  12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50

```

DESIGN

```

-----
B-8                                     11 #3@ 12.5                               C-8

```

BEAM: 8(G-H) FLOOR: 3

```

=====
Length:  L = 3.84 m  a = 0.20 m  Section:  b = 30.0 cm
          Lu = 3.44 m  c = 0.20 m          h = 30.0 cm
=====
X, m:      0.20  0.54  0.89  1.23  1.58  1.92  2.26  2.61  2.95  3.30  3.64
Mu(-), ton-m: -3.03 -1.62 -0.80 -0.80 -0.80 -0.80 -0.80 -0.80 -0.80 -1.73 -3.18
Mu(+), ton-m:  1.51  1.05  1.43  1.77  1.89  1.95  1.85  1.71  1.34  0.95  1.59
As(-), cm2:   3.38  2.51  2.51  2.51  2.51  2.51  2.51  2.51  2.51  2.51  3.57
As(+), cm2:   2.51  2.51  2.51  2.51  2.51  2.51  2.51  2.51  2.51  2.51  2.51
vu, Kg/cm2:   6.64  6.38  5.40  4.43  3.45  2.58  3.56  4.54  5.51  6.49  6.75
Stirrup:      #3    #3    #3    #3    #3    #3    #3    #3    #3    #3    #3
Spacing, cm:  6.25  6.25 12.50 12.50 12.50 12.50 12.50 12.50 12.50 6.25 6.25

```

DESIGN

```

-----
G-8                                     11 #3@ 6.25  16 #3@ 12.5  11 #3@ 6.25                               H-8

```

BEAM: 9(B-C) FLOOR: 3

```

=====
Length:  L = 1.54 m  a = 0.20 m  Section:  b = 30.0 cm
          Lu = 1.34 m  c = 0.00 m          h = 30.0 cm
=====

```

X, m:	0.20	0.33	0.47	0.60	0.74	0.87	1.00	1.14	1.27	1.41	1.54
Mu(-), ton-m:	-2.97	-2.45	-1.98	-1.57	-1.20	-0.88	-0.61	-0.38	-0.21	-0.08	0.00
Mu(+), ton-m:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As(-), cm2:	3.32	2.71	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51
As(+), cm2:	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51
vu, Kg/cm2:	5.14	5.14	5.07	4.51	3.95	3.39	2.84	2.28	1.72	1.16	0.64
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50

DESIGN

-----  
 B-9 11 #3@ 12.5 C-9

BEAM: 9(G-H) FLOOR: 3

=====

Length:		L = 3.84 m	a = 0.20 m	Section:	b = 30.0 cm
		Lu = 3.44 m	c = 0.20 m		h = 30.0 cm

-----

X, m:	0.20	0.54	0.89	1.23	1.58	1.92	2.26	2.61	2.95	3.30	3.64
Mu(-), ton-m:	-3.28	-1.71	-0.83	-0.83	-0.83	-0.83	-0.83	-0.83	-0.83	-1.74	-3.33
Mu(+), ton-m:	1.64	1.04	1.52	1.95	2.13	2.26	2.12	1.93	1.49	1.01	1.66
As(-), cm2:	3.68	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	3.74
As(+), cm2:	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51
vu, Kg/cm2:	7.38	7.08	5.97	4.87	3.76	2.69	3.80	4.90	6.01	7.12	7.42
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	6.25	6.25	12.50	12.50	12.50	12.50	12.50	12.50	12.50	6.25	6.25

DESIGN

-----  
 G-9 11 #3@ 6.25 16 #3@ 12.5 11 #3@ 6.25 H-9

BEAM: 10(B-C) FLOOR: 3

=====

Length:		L = 1.54 m	a = 0.20 m	Section:	b = 30.0 cm
		Lu = 1.34 m	c = 0.00 m		h = 30.0 cm

-----

X, m:	0.20	0.33	0.47	0.60	0.74	0.87	1.00	1.14	1.27	1.41	1.54
Mu(-), ton-m:	-2.81	-2.31	-1.86	-1.46	-1.11	-0.80	-0.55	-0.34	-0.18	-0.07	0.00
Mu(+), ton-m:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As(-), cm2:	3.13	2.55	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51
As(+), cm2:	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51
vu, Kg/cm2:	4.96	4.96	4.88	4.32	3.77	3.21	2.65	2.09	1.53	0.98	0.46



Stirrup: #3 #3 #3 #3 #3 #3 #3 #3 #3 #3 #3 #3  
 Spacing, cm: 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50

DESIGN

-----  
 B-10 11 #3@ 12.5 C-10

BEAM: 10(G-H) FLOOR: 3

=====  
 Length: L = 3.84 m a = 0.20 m Section: b = 30.0 cm  
 Lu = 3.44 m c = 0.20 m h = 30.0 cm  
 -----  
 X, m: 0.20 0.54 0.89 1.23 1.58 1.92 2.26 2.61 2.95 3.30 3.64  
 Mu(-), ton-m: -3.45 -1.83 -0.86 -0.86 -0.86 -0.86 -0.86 -0.86 -0.86 -1.75 -3.33  
 Mu(+), ton-m: 1.72 1.10 1.57 1.99 2.17 2.29 2.19 2.04 1.64 1.18 1.66  
 As(-), cm2: 3.89 2.51 2.51 2.51 2.51 2.51 2.51 2.51 2.51 2.51 3.74  
 As(+), cm2: 2.51 2.51 2.51 2.51 2.51 2.52 2.51 2.51 2.51 2.51 2.51  
 vu, Kg/cm2: 7.52 7.22 6.11 5.01 3.90 2.80 3.82 4.92 6.03 7.13 7.44  
 Stirrup: #3 #3 #3 #3 #3 #3 #3 #3 #3 #3 #3  
 Spacing, cm: 6.25 6.25 12.50 12.50 12.50 12.50 12.50 12.50 12.50 6.25 6.25

DESIGN

-----  
 G-10 11 #3@ 6.25 16 #3@ 12.5 11 #3@ 6.25 H-10

BEAM: 11(B-C) FLOOR: 3

=====  
 Length: L = 1.54 m a = 0.20 m Section: b = 30.0 cm  
 Lu = 1.34 m c = 0.00 m h = 30.0 cm  
 -----  
 X, m: 0.20 0.33 0.47 0.60 0.74 0.87 1.00 1.14 1.27 1.41 1.54  
 Mu(-), ton-m: -2.93 -2.45 -2.00 -1.61 -1.25 -0.94 -0.67 -0.44 -0.26 -0.12 -0.02  
 Mu(+), ton-m: 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00  
 As(-), cm2: 3.27 2.71 2.51 2.51 2.51 2.51 2.51 2.51 2.51 2.51 2.51  
 As(+), cm2: 2.51 2.51 2.51 2.51 2.51 2.51 2.51 2.51 2.51 2.51 2.51  
 vu, Kg/cm2: 4.88 4.88 4.81 4.32 3.82 3.33 2.84 2.35 1.86 1.36 0.87  
 Stirrup: #3 #3 #3 #3 #3 #3 #3 #3 #3 #3 #3  
 Spacing, cm: 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50

DESIGN

-----

B-11

11 #3@ 12.5

C-11

BEAM: 11 (G-H) FLOOR: 3

```

=====
Length:  L = 3.84 m  a = 0.20 m  Section:  b = 30.0 cm
          Lu = 3.44 m  c = 0.20 m          h = 30.0 cm
-----
X, m:      0.20    0.54    0.89    1.23    1.58    1.92    2.26    2.61    2.95    3.30    3.64
Mu(-), ton-m: -3.35  -1.85  -0.84  -0.84  -0.84  -0.84  -0.84  -0.84  -0.84  -1.77  -3.22
Mu(+), ton-m:  1.67    1.18    1.54    1.86    1.96    2.01    1.99    1.91    1.62    1.26    1.61
As(-), cm2:   3.76    2.51    2.51    2.51    2.51    2.51    2.51    2.51    2.51    2.51    3.61
As(+), cm2:   2.51    2.51    2.51    2.51    2.51    2.51    2.51    2.51    2.51    2.51    2.51
vu, Kg/cm2:   6.88    6.62    5.64    4.67    3.69    2.71    3.60    4.57    5.55    6.53    6.79
Stirrup:      #3      #3      #3      #3      #3      #3      #3      #3      #3      #3      #3
Spacing, cm:  6.25    6.25   12.50   12.50   12.50   12.50   12.50   12.50   12.50   6.25    6.25

```

DESIGN

G-11

11 #3@ 6.25 16 #3@ 12.5 11 #3@ 6.25

H-11

BEAM: 12 (B-F) FLOOR: 3

```

=====
Length:  L = 7.70 m  a = 0.20 m  Section:  b = 30.0 cm
          Lu = 7.35 m  c = 0.15 m          h = 35.0 cm
-----
X, m:      0.20    0.93    1.67    2.41    3.14    3.88    4.61    5.35    6.08    6.82    7.55
Mu(-), ton-m: -11.98  -5.90  -3.00  -3.00  -3.00  -3.00  -3.00  -3.00  -3.00  -3.00  -3.00
Mu(+), ton-m:  5.99    3.00    3.00    3.99    6.91    8.67    9.09    8.14    5.88    3.00    3.00
As(-), cm2:   12.66    5.61    3.01    3.01    3.01    3.01    3.01    3.01    3.01    3.01    3.01
As(+), cm2:   5.71    3.01    3.01    3.70    6.67    8.62    9.10    8.01    5.60    3.01    3.01
vu, Kg/cm2:   10.98   10.15    8.54    6.93    5.43    3.94    3.03    4.51    6.01    7.50    8.39
Stirrup:      #3      #3      #3      #3      #3      #3      #3      #3      #3      #3      #3
Spacing, cm:  7.50   15.00   15.00   15.00   15.00   15.00   15.00   15.00   15.00   15.00   7.50

```

DESIGN

B-12

11 #3@ 7.5 37 #3@ 15 11 #3@ 7.5

F-12

BEAM: 12 (F-G) FLOOR: 3

```

=====
Length:  L = 3.16 m  a = 0.15 m  Section:  b = 30.0 cm

```

	Lu = 2.81 m				c = 0.20 m		h = 35.0 cm				
X, m:	0.15	0.43	0.71	0.99	1.27	1.56	1.84	2.12	2.40	2.68	2.96
Mu(-), ton-m:	-2.82	-2.61	-2.61	-2.81	-3.21	-3.83	-4.68	-5.71	-6.78	-7.91	-9.13
Mu(+), ton-m:	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	4.56
As(-), cm2:	3.01	3.01	3.01	3.01	3.01	3.54	4.37	5.41	6.54	7.77	9.14
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	4.26
vu, Kg/cm2:	6.32	6.32	5.92	6.63	7.34	8.06	8.77	9.48	10.08	10.50	10.50
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	7.50	7.50	7.50	14.61	13.19	12.03	11.05	10.22	7.50	7.50	7.50

DESIGN

F-12 37 #3@ 7.5 G-12

BEAM: 12 (G-H) FLOOR: 3

	Length: L = 3.84 m				a = 0.20 m		Section: b = 30.0 cm				
	Lu = 3.44 m				c = 0.20 m		h = 30.0 cm				
X, m:	0.20	0.54	0.89	1.23	1.58	1.92	2.26	2.61	2.95	3.30	3.64
Mu(-), ton-m:	-4.96	-3.15	-1.62	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.50	-2.74
Mu(+), ton-m:	2.48	1.24	1.24	1.24	1.24	1.51	1.81	1.94	1.82	1.51	1.37
As(-), cm2:	5.77	3.53	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	3.04
As(+), cm2:	2.74	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51
vu, Kg/cm2:	8.69	8.41	7.38	6.35	5.32	4.29	3.57	4.58	5.61	6.64	6.92
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	6.25	6.25	12.50	12.50	12.50	12.50	12.50	12.50	12.50	6.25	6.25

DESIGN

G-12 11 #3@ 6.25 16 #3@ 12.5 11 #3@ 6.25 H-12

BEAM: 13 (B-F) FLOOR: 3

	Length: L = 7.70 m				a = 0.15 m		Section: b = 30.0 cm				
	Lu = 7.35 m				c = 0.20 m		h = 35.0 cm				
X, m:	0.15	0.89	1.62	2.36	3.09	3.83	4.56	5.30	6.03	6.77	7.50
Mu(-), ton-m:	-3.17	-3.17	-3.17	-3.17	-3.17	-3.17	-3.17	-3.17	-3.17	-7.24	-12.69
Mu(+), ton-m:	3.17	4.50	7.12	8.92	9.46	8.69	6.63	3.38	3.17	3.17	6.35
As(-), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	7.03	13.62

As(+), cm2:	3.01	4.20	6.90	8.90	9.52	8.64	6.38	3.11	3.01	3.01	6.08
vu, Kg/cm2:	7.52	6.75	5.51	4.16	3.01	4.45	5.89	7.34	8.78	10.22	11.07
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	7.50	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	7.50

DESIGN

B-13 11 #3@ 7.5 37 #3@ 15 11 #3@ 7.5 F-13

BEAM: 13(F-G) FLOOR: 3

Length: L = 3.16 m a = 0.20 m Section: b = 30.0 cm  
Lu = 2.81 m c = 0.15 m h = 35.0 cm

X, m:	0.20	0.48	0.76	1.04	1.32	1.61	1.89	2.17	2.45	2.73	3.01
Mu(-), ton-m:	-5.06	-4.57	-4.08	-3.60	-3.11	-2.62	-2.13	-1.64	-1.27	-1.27	-1.27
Mu(+), ton-m:	2.53	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.27
As(-), cm2:	4.76	4.27	3.79	3.31	3.01	3.01	3.01	3.01	3.01	3.01	3.01
As(+), cm2:	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
vu, Kg/cm2:	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.18
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	7.50	7.50	7.50	15.00	15.00	15.00	15.00	15.00	7.50	7.50	7.50

DESIGN

F-13 11 #3@ 7.5 7 #3@ 15 11 #3@ 7.5 G-13

BEAM: 14(B-F) FLOOR: 3

Length: L = 7.70 m a = 0.20 m Section: b = 20.0 cm  
Lu = 7.30 m c = 0.20 m h = 30.0 cm

X, m:	0.20	0.93	1.66	2.39	3.12	3.85	4.58	5.31	6.04	6.77	7.50
Mu(-), ton-m:	-0.75	-0.61	-0.48	-0.33	-0.20	-0.20	-0.20	-0.33	-0.49	-0.65	-0.79
Mu(+), ton-m:	0.77	0.63	0.49	0.32	0.20	0.20	0.20	0.28	0.43	0.58	0.70
As(-), cm2:	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67
As(+), cm2:	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67
vu, Kg/cm2:	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	6.25	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	6.25

DESIGN

-----  
 B-14 11 #3@ 6.25 47 #3@ 12.5 11 #3@ 6.25 F-14

BEAM: 14 (F-F') FLOOR: 3

=====

Length: L = 2.28 m a = 0.20 m Section: b = 20.0 cm  
 Lu = 1.98 m c = 0.10 m h = 30.0 cm

-----

X, m:	0.20	0.40	0.60	0.79	0.99	1.19	1.39	1.58	1.78	1.98	2.18
Mu(-), ton-m:	-2.92	-2.17	-1.50	-0.96	-0.96	-0.96	-0.96	-1.29	-2.09	-2.95	-3.86
Mu(+), ton-m:	2.88	2.44	1.94	1.40	0.96	0.96	0.96	1.41	1.83	2.27	2.69
As(-), cm2:	3.36	2.44	1.67	1.67	1.67	1.67	1.67	1.67	2.34	3.39	4.58
As(+), cm2:	3.31	2.76	2.17	1.67	1.67	1.67	1.67	1.67	2.04	2.55	3.07
vu, Kg/cm2:	10.77	10.77	10.39	9.87	9.61	10.13	10.65	11.17	11.69	12.07	12.07
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	6.25	6.25	6.25	6.25	12.50	12.50	12.50	6.25	6.25	6.25	6.25

DESIGN

-----  
 F-14 11 #3@ 6.25 4 #3@ 12.5 6 #3 Db1@ 12.5 F'-14

BEAM: 14 (F'-G) FLOOR: 3

=====

Length: L = 0.88 m a = 0.10 m Section: b = 20.0 cm  
 Lu = 0.58 m c = 0.20 m h = 30.0 cm

-----

X, m:	0.10	0.16	0.22	0.28	0.33	0.39	0.45	0.51	0.57	0.63	0.68
Mu(-), ton-m:	-2.79	-2.32	-1.86	-1.39	-0.93	-0.70	-0.70	-0.70	-0.90	-1.36	-1.82
Mu(+), ton-m:	2.71	2.26	1.82	1.37	0.92	0.70	0.70	0.70	0.90	1.36	1.81
As(-), cm2:	3.20	2.62	2.06	1.67	1.67	1.67	1.67	1.67	1.67	1.67	2.02
As(+), cm2:	3.09	2.55	2.02	1.67	1.67	1.67	1.67	1.67	1.67	1.67	2.01
vu, Kg/cm2:	23.88	23.88	23.88	23.88	23.88	23.80	23.72	23.72	23.72	23.72	23.72
Stirrup:	#3 Db1	#3 Db1	#3 Db1	#3 Db1	#3 Db1	#3 Db1	#3 Db1	#3 Db1	#3 Db1	#3 Db1	#3 Db1
Spacing, cm:	12.17	12.17	12.17	12.17	12.17	12.21	12.26	12.26	12.26	12.26	12.26

DESIGN

-----  
 F'-14 6 #3 Db1@ 10 G-14

BEAM: 14 (G-H) FLOOR: 3

```

=====
Length:  L = 3.84 m  a = 0.20 m  Section:  b = 30.0 cm
          Lu = 3.44 m  c = 0.20 m          h = 30.0 cm
-----
X, m:      0.20    0.54    0.89    1.23    1.58    1.92    2.26    2.61    2.95    3.30    3.64
Mu(-), ton-m: -3.36  -2.27  -1.35  -0.84  -0.84  -0.84  -0.84  -0.84  -1.33  -2.15  -3.15
Mu(+), ton-m:  1.70    1.58    1.44    1.31    1.08    0.86    1.26    1.56    1.75    1.88    2.00
As(-), cm2:   3.78    2.51    2.51    2.51    2.51    2.51    2.51    2.51    2.51    2.51    3.53
As(+), cm2:   2.51    2.51    2.51    2.51    2.51    2.51    2.51    2.51    2.51    2.51    2.51
vu, Kg/cm2:   5.03    4.90    4.43    3.95    3.48    3.01    3.23    3.71    4.18    4.66    4.79
Stirrup:      #3      #3      #3      #3      #3      #3      #3      #3      #3      #3      #3
Spacing, cm:  6.25    6.25    12.50   12.50   12.50   12.50   12.50   12.50   12.50   6.25    6.25

```

DESIGN

```

-----
G-14      11 #3@ 6.25  16 #3@ 12.5  11 #3@ 6.25      H-14

```

BEAM: 15(B-F) FLOOR: 3

```

=====
Length:  L = 7.70 m  a = 0.10 m  Section:  b = 20.0 cm
          Lu = 7.50 m  c = 0.10 m          h = 30.0 cm
-----
X, m:      0.10    0.85    1.60    2.35    3.10    3.85    4.60    5.35    6.10    6.85    7.60
Mu(-), ton-m: -1.14  -1.14  -1.14  -1.14  -1.14  -1.14  -1.14  -1.14  -1.14  -1.86  -4.57
Mu(+), ton-m:  1.14    2.17    3.71    4.75    5.19    5.03    4.23    2.83    1.14    1.14    2.29
As(-), cm2:   1.67    1.67    1.67    1.67    1.67    1.67    1.67    1.67    1.67    2.07    5.57
As(+), cm2:   1.67    2.44    4.37    5.82    6.48    6.23    5.09    3.24    1.67    1.67    2.57
vu, Kg/cm2:   6.38    5.62    4.48    3.26    2.05    2.75    3.97    5.18    6.40    7.77    8.79
Stirrup:      #3      #3      #3      #3      #3      #3      #3      #3      #3      #3      #3
Spacing, cm:  6.25    12.50   12.50   12.50   12.50   12.50   12.50   12.50   12.50   12.50   6.25

```

DESIGN

```

-----
B-15      11 #3@ 6.25  48 #3@ 12.5  11 #3@ 6.25      F-15

```

BEAM: 15(F-G) FLOOR: 3

```

=====
Length:  L = 3.16 m  a = 0.10 m  Section:  b = 20.0 cm
          Lu = 2.91 m  c = 0.15 m          h = 30.0 cm
-----
X, m:      0.10    0.39    0.68    0.97    1.26    1.56    1.85    2.14    2.43    2.72    3.01
Mu(-), ton-m: -4.67  -4.01  -3.39  -2.82  -2.29  -1.81  -1.38  -1.17  -1.17  -1.17  -1.17

```

Mu(+), ton-m:	2.34	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17
As(-), cm2:	5.72	4.78	3.96	3.23	2.58	2.01	1.67	1.67	1.67	1.67	1.67	1.67
As(+), cm2:	2.64	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67
vu, Kg/cm2:	8.05	8.02	7.77	7.52	7.27	7.03	6.78	6.53	6.30	6.09	6.06	6.06
Stirrup:	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3	#3
Spacing, cm:	6.25	6.25	6.25	12.50	12.50	12.50	12.50	12.50	6.25	6.25	6.25	6.25

DESIGN

-----  
 F-15                                    11 #3@ 6.25    11 #3@ 12.5    11 #3@ 6.25                                    G-15

SHEAR WALL DESIGN PARAMETERS

CONCRETE            f'c = 210.0 Kg/cm2  
 REINFORCEMENT  
   Vertical        fy = 4200.0 Kg/cm2  
   Horizontal     fy = 2400.0 Kg/cm2 (f = 3/8'')  
                       = 4200.0 Kg/cm2 (f > 3/8'')

Energy dissipation capacity : 3: Special-DES

Design Results - Walls

Wall	Story	Sys	HORIZONTAL REINFORCEMENT					VERTICAL REINFORCEMENT								
			B (m)	H (m)	t (cm)	LCmb crit	Vu (ton)	Reinforcement	LCmb crit	Pu (ton)	Mu2 (ton-m)	As tot (cm2)	As ctr (cm2)	As end (cm2)	Ends	
14 (F'-G)	1	GL	1.08	3.20	20.0	4	16.87	#3@28.5	.0025	19	0.97	53.90	37.91	1.41	18.25	40x40*
14 (F'-G)	2	GL	1.08	3.20	20.0	5	7.28	2Ly#3@14.25	.0025	19	2.32	17.65	33.41	1.41	16.00	40x40*