

LAMPIRAN 2: Jumlah shift yang diterima oleh setiap perawat

Perawat	Pagi	Sore	Malam	Libur
1	12	8	5	5
2	13	4	8	5
3	10	7	8	5
4	11	8	6	5
5	13	6	6	5
6	9	5	11	5
7	9	10	6	5
8	4	9	12	5
9	9	12	4	5
10	12	7	6	5
11	9	5	11	5
12	7	10	8	5
13	10	6	9	5
14	6	10	9	5
15	9	13	3	5
16	7	6	12	5
17	4	9	12	5
18	11	8	6	5
19	11	7	7	5
20	7	7	11	5
21	11	8	6	5
22	7	10	8	5
23	8	7	10	5
24	8	9	8	5

Lampiran 3: Output
 Keseluruhan Software
 LINGO

Global optimal solution found.
 Objective value: 0.00
 Objective bound: 0.00
 Infeasibilities: 0.00
 Extended solver steps: 1
 Total solver iterations: 15704

Variable	Value	Reduced Cost
P(1)	5.00	0.00
P(2)	5.00	0.00
P(3)	5.00	0.00
P(4)	5.00	0.00
P(5)	5.00	0.00
P(6)	5.00	0.00
P(7)	5.00	0.00
P(8)	5.00	0.00
P(9)	5.00	0.00
P(10)	5.00	0.00
P(11)	5.00	0.00
P(12)	5.00	0.00
P(13)	5.00	0.00
P(14)	5.00	0.00
P(15)	5.00	0.00
P(16)	5.00	0.00
P(17)	5.00	0.00
P(18)	5.00	0.00
P(19)	5.00	0.00
P(20)	5.00	0.00
P(21)	5.00	0.00
P(22)	5.00	0.00
P(23)	5.00	0.00
P(24)	5.00	0.00
P(25)	5.00	0.00
P(26)	5.00	0.00
P(27)	5.00	0.00
P(28)	5.00	0.00
P(29)	5.00	0.00
P(30)	5.00	0.00
S(1)	5.00	0.00
S(2)	5.00	0.00
S(3)	5.00	0.00
S(4)	5.00	0.00
S(5)	5.00	0.00
S(6)	5.00	0.00
S(7)	5.00	0.00
S(8)	5.00	0.00
S(9)	5.00	0.00
S(10)	5.00	0.00
S(11)	5.00	0.00
S(12)	5.00	0.00
S(13)	5.00	0.00
S(14)	5.00	0.00
S(15)	5.00	0.00
S(16)	5.00	0.00
S(17)	5.00	0.00
S(18)	5.00	0.00
S(19)	5.00	0.00
S(20)	5.00	0.00
S(21)	5.00	0.00
S(22)	5.00	0.00
S(23)	5.00	0.00
S(24)	5.00	0.00
S(25)	5.00	0.00
S(26)	5.00	0.00
S(27)	5.00	0.00
S(28)	5.00	0.00
S(29)	5.00	0.00
S(30)	5.00	0.00
M(1)	5.00	0.00
M(2)	5.00	0.00
M(3)	5.00	0.00
M(4)	5.00	0.00
M(5)	5.00	0.00
M(6)	5.00	0.00
M(7)	5.00	0.00
M(8)	5.00	0.00
M(9)	5.00	0.00
M(10)	5.00	0.00
M(11)	5.00	0.00
M(12)	5.00	0.00
M(13)	5.00	0.00
M(14)	5.00	0.00
M(15)	5.00	0.00
M(16)	5.00	0.00
M(17)	5.00	0.00
M(18)	5.00	0.00
M(19)	5.00	0.00
M(20)	5.00	0.00
M(21)	5.00	0.00

M(22)	5.00	0.00	XP(4,1)	1.00	0.00
M(23)	5.00	0.00	XP(4,2)	0.00	0.00
M(24)	5.00	0.00	XP(4,3)	1.00	0.00
M(25)	5.00	0.00	XP(4,4)	0.00	0.00
M(26)	5.00	0.00	XP(4,5)	0.00	0.00
M(27)	5.00	0.00	XP(4,6)	0.00	0.00
M(28)	5.00	0.00	XP(4,7)	0.00	0.00
M(29)	5.00	0.00	XP(4,8)	1.00	1.00
M(30)	5.00	0.00	XP(4,9)	0.00	0.00
XP(1,1)	0.00	0.00	XP(4,10)	1.00	0.00
XP(1,2)	1.00	0.00	XP(4,11)	1.00	0.00
XP(1,3)	0.00	0.00	XP(4,12)	1.00	0.00
XP(1,4)	1.00	0.00	XP(4,13)	0.00	0.00
XP(1,5)	1.00	0.00	XP(4,14)	0.00	0.00
XP(1,6)	1.00	0.00	XP(4,15)	0.00	1.00
XP(1,7)	0.00	0.00	XP(4,16)	0.00	0.00
XP(1,8)	0.00	0.00	XP(4,17)	0.00	0.00
XP(1,9)	0.00	0.00	XP(4,18)	0.00	0.00
XP(1,10)	0.00	0.00	XP(4,19)	0.00	0.00
XP(1,11)	0.00	0.00	XP(4,20)	0.00	1.00
XP(1,12)	1.00	1.00	XP(4,21)	0.00	0.00
XP(1,13)	1.00	0.00	XP(4,22)	0.00	1.00
XP(1,14)	0.00	0.00	XP(4,23)	0.00	0.00
XP(1,15)	1.00	0.00	XP(4,24)	1.00	1.00
XP(1,16)	1.00	0.00	XP(4,25)	1.00	0.00
XP(1,17)	1.00	0.00	XP(4,26)	1.00	0.00
XP(1,18)	0.00	0.00	XP(4,27)	0.00	0.00
XP(1,19)	1.00	1.00	XP(4,28)	1.00	0.00
XP(1,20)	0.00	0.00	XP(4,29)	0.00	0.00
XP(1,21)	1.00	0.00	XP(4,30)	1.00	0.00
XP(1,22)	1.00	0.00	XP(5,1)	1.00	0.00
XP(1,23)	0.00	0.00	XP(5,2)	0.00	0.00
XP(1,24)	0.00	1.00	XP(5,3)	1.00	1.00
XP(1,25)	0.00	0.00	XP(5,4)	1.00	0.00
XP(1,26)	0.00	1.00	XP(5,5)	0.00	0.00
XP(1,27)	0.00	0.00	XP(5,6)	0.00	0.00
XP(1,28)	0.00	0.00	XP(5,7)	0.00	0.00
XP(1,29)	0.00	1.00	XP(5,8)	0.00	0.00
XP(1,30)	0.00	0.00	XP(5,9)	1.00	1.00
XP(2,1)	1.00	0.00	XP(5,10)	1.00	0.00
XP(2,2)	1.00	0.00	XP(5,11)	1.00	0.00
XP(2,3)	0.00	0.00	XP(5,12)	0.00	0.00
XP(2,4)	0.00	0.00	XP(5,13)	0.00	0.00
XP(2,5)	0.00	0.00	XP(5,14)	0.00	1.00
XP(2,6)	1.00	1.00	XP(5,15)	0.00	0.00
XP(2,7)	0.00	0.00	XP(5,16)	0.00	0.00
XP(2,8)	0.00	0.00	XP(5,17)	1.00	1.00
XP(2,9)	1.00	0.00	XP(5,18)	1.00	0.00
XP(2,10)	1.00	0.00	XP(5,19)	1.00	0.00
XP(2,11)	1.00	0.00	XP(5,20)	0.00	0.00
XP(2,12)	0.00	0.00	XP(5,21)	0.00	0.00
XP(2,13)	0.00	0.00	XP(5,22)	0.00	0.00
XP(2,14)	1.00	1.00	XP(5,23)	0.00	0.00
XP(2,15)	1.00	0.00	XP(5,24)	1.00	1.00
XP(2,16)	1.00	0.00	XP(5,25)	1.00	0.00
XP(2,17)	0.00	0.00	XP(5,26)	0.00	0.00
XP(2,18)	0.00	0.00	XP(5,27)	0.00	0.00
XP(2,19)	0.00	1.00	XP(5,28)	1.00	0.00
XP(2,20)	0.00	0.00	XP(5,29)	1.00	0.00
XP(2,21)	0.00	0.00	XP(5,30)	0.00	0.00
XP(2,22)	1.00	1.00	XP(6,1)	0.00	0.00
XP(2,23)	1.00	0.00	XP(6,2)	1.00	0.00
XP(2,24)	0.00	0.00	XP(6,3)	0.00	0.00
XP(2,25)	0.00	0.00	XP(6,4)	0.00	1.00
XP(2,26)	0.00	1.00	XP(6,5)	1.00	0.00
XP(2,27)	1.00	0.00	XP(6,6)	0.00	0.00
XP(2,28)	0.00	0.00	XP(6,7)	0.00	0.00
XP(2,29)	1.00	0.00	XP(6,8)	0.00	0.00
XP(2,30)	0.00	0.00	XP(6,9)	0.00	1.00
XP(3,1)	0.00	0.00	XP(6,10)	1.00	0.00
XP(3,2)	0.00	0.00	XP(6,11)	0.00	0.00
XP(3,3)	0.00	1.00	XP(6,12)	0.00	0.00
XP(3,4)	0.00	0.00	XP(6,13)	0.00	0.00
XP(3,5)	0.00	0.00	XP(6,14)	0.00	0.00
XP(3,6)	0.00	0.00	XP(6,15)	0.00	1.00
XP(3,7)	1.00	1.00	XP(6,16)	0.00	0.00
XP(3,8)	1.00	0.00	XP(6,17)	1.00	1.00
XP(3,9)	1.00	0.00	XP(6,18)	1.00	0.00
XP(3,10)	0.00	0.00	XP(6,19)	0.00	0.00
XP(3,11)	1.00	0.00	XP(6,20)	1.00	0.00
XP(3,12)	0.00	0.00	XP(6,21)	1.00	0.00
XP(3,13)	0.00	0.00	XP(6,22)	0.00	0.00
XP(3,14)	0.00	0.00	XP(6,23)	0.00	0.00
XP(3,15)	0.00	0.00	XP(6,24)	0.00	0.00
XP(3,16)	0.00	1.00	XP(6,25)	0.00	0.00
XP(3,17)	1.00	0.00	XP(6,26)	1.00	1.00
XP(3,18)	1.00	0.00	XP(6,27)	1.00	0.00
XP(3,19)	0.00	0.00	XP(6,28)	0.00	0.00
XP(3,20)	1.00	1.00	XP(6,29)	0.00	0.00
XP(3,21)	0.00	0.00	XP(6,30)	0.00	0.00
XP(3,22)	1.00	0.00	XP(7,1)	1.00	0.00
XP(3,23)	0.00	0.00	XP(7,2)	0.00	0.00
XP(3,24)	0.00	0.00	XP(7,3)	0.00	0.00
XP(3,25)	0.00	1.00	XP(7,4)	0.00	0.00
XP(3,26)	0.00	0.00	XP(7,5)	0.00	1.00
XP(3,27)	1.00	0.00	XP(7,6)	1.00	0.00
XP(3,28)	0.00	0.00	XP(7,7)	0.00	0.00
XP(3,29)	0.00	0.00	XP(7,8)	0.00	0.00
XP(3,30)	1.00	0.00	XP(7,9)	0.00	1.00

XP (7, 10)	1.00	0.00	XP (10, 19)	0.00	0.00	XP (13, 28)	0.00	0.00
XP (7, 11)	0.00	0.00	XP (10, 20)	0.00	0.00	XP (13, 29)	0.00	1.00
XP (7, 12)	1.00	0.00	XP (10, 21)	0.00	0.00	XP (13, 30)	0.00	0.00
XP (7, 13)	1.00	0.00	XP (10, 22)	0.00	1.00	XP (14, 1)	1.00	0.00
XP (7, 14)	1.00	0.00	XP (10, 23)	0.00	0.00	XP (14, 2)	1.00	0.00
XP (7, 15)	0.00	0.00	XP (10, 24)	0.00	0.00	XP (14, 3)	0.00	0.00
XP (7, 16)	0.00	0.00	XP (10, 25)	0.00	0.00	XP (14, 4)	0.00	1.00
XP (7, 17)	1.00	0.00	XP (10, 26)	1.00	1.00	XP (14, 5)	0.00	0.00
XP (7, 18)	0.00	0.00	XP (10, 27)	1.00	0.00	XP (14, 6)	0.00	0.00
XP (7, 19)	1.00	1.00	XP (10, 28)	0.00	0.00	XP (14, 7)	0.00	0.00
XP (7, 20)	1.00	0.00	XP (10, 29)	0.00	0.00	XP (14, 8)	1.00	1.00
XP (7, 21)	0.00	0.00	XP (10, 30)	0.00	1.00	XP (14, 9)	0.00	0.00
XP (7, 22)	0.00	0.00	XP (11, 1)	0.00	0.00	XP (14, 10)	1.00	0.00
XP (7, 23)	0.00	0.00	XP (11, 2)	0.00	0.00	XP (14, 11)	0.00	0.00
XP (7, 24)	0.00	0.00	XP (11, 3)	0.00	0.00	XP (14, 12)	0.00	0.00
XP (7, 25)	0.00	1.00	XP (11, 4)	1.00	1.00	XP (14, 13)	0.00	0.00
XP (7, 26)	0.00	0.00	XP (11, 5)	0.00	0.00	XP (14, 14)	0.00	0.00
XP (7, 27)	0.00	0.00	XP (11, 6)	1.00	0.00	XP (14, 15)	0.00	0.00
XP (7, 28)	0.00	0.00	XP (11, 7)	0.00	0.00	XP (14, 16)	0.00	0.00
XP (7, 29)	0.00	1.00	XP (11, 8)	0.00	0.00	XP (14, 17)	0.00	1.00
XP (7, 30)	0.00	0.00	XP (11, 9)	0.00	0.00	XP (14, 18)	0.00	0.00
XP (8, 1)	0.00	0.00	XP (11, 10)	0.00	0.00	XP (14, 19)	0.00	0.00
XP (8, 2)	0.00	0.00	XP (11, 11)	0.00	1.00	XP (14, 20)	0.00	0.00
XP (8, 3)	0.00	0.00	XP (11, 12)	0.00	0.00	XP (14, 21)	0.00	0.00
XP (8, 4)	1.00	0.00	XP (11, 13)	0.00	0.00	XP (14, 22)	0.00	0.00
XP (8, 5)	0.00	0.00	XP (11, 14)	1.00	1.00	XP (14, 23)	0.00	1.00
XP (8, 6)	0.00	0.00	XP (11, 15)	0.00	0.00	XP (14, 24)	0.00	0.00
XP (8, 7)	0.00	0.00	XP (11, 16)	0.00	0.00	XP (14, 25)	0.00	0.00
XP (8, 8)	0.00	0.00	XP (11, 17)	0.00	0.00	XP (14, 26)	0.00	0.00
XP (8, 9)	0.00	0.00	XP (11, 18)	0.00	0.00	XP (14, 27)	1.00	1.00
XP (8, 10)	0.00	0.00	XP (11, 19)	1.00	1.00	XP (14, 28)	0.00	0.00
XP (8, 11)	0.00	1.00	XP (11, 20)	1.00	0.00	XP (14, 29)	1.00	0.00
XP (8, 12)	0.00	0.00	XP (11, 21)	0.00	0.00	XP (14, 30)	0.00	0.00
XP (8, 13)	0.00	0.00	XP (11, 22)	0.00	0.00	XP (15, 1)	0.00	0.00
XP (8, 14)	0.00	0.00	XP (11, 23)	0.00	0.00	XP (15, 2)	1.00	0.00
XP (8, 15)	1.00	1.00	XP (11, 24)	0.00	0.00	XP (15, 3)	1.00	0.00
XP (8, 16)	0.00	0.00	XP (11, 25)	1.00	1.00	XP (15, 4)	0.00	0.00
XP (8, 17)	0.00	0.00	XP (11, 26)	0.00	0.00	XP (15, 5)	1.00	0.00
XP (8, 18)	0.00	0.00	XP (11, 27)	1.00	0.00	XP (15, 6)	0.00	0.00
XP (8, 19)	0.00	0.00	XP (11, 28)	1.00	0.00	XP (15, 7)	0.00	0.00
XP (8, 20)	0.00	0.00	XP (11, 29)	1.00	0.00	XP (15, 8)	0.00	0.00
XP (8, 21)	0.00	1.00	XP (11, 30)	0.00	0.00	XP (15, 9)	0.00	0.00
XP (8, 22)	1.00	0.00	XP (12, 1)	1.00	0.00	XP (15, 10)	1.00	1.00
XP (8, 23)	0.00	0.00	XP (12, 2)	0.00	0.00	XP (15, 11)	0.00	0.00
XP (8, 24)	0.00	0.00	XP (12, 3)	0.00	0.00	XP (15, 12)	1.00	0.00
XP (8, 25)	0.00	1.00	XP (12, 4)	0.00	0.00	XP (15, 13)	1.00	0.00
XP (8, 26)	0.00	0.00	XP (12, 5)	0.00	0.00	XP (15, 14)	0.00	0.00
XP (8, 27)	0.00	0.00	XP (12, 6)	0.00	0.00	XP (15, 15)	0.00	0.00
XP (8, 28)	0.00	0.00	XP (12, 7)	1.00	1.00	XP (15, 16)	0.00	0.00
XP (8, 29)	1.00	1.00	XP (12, 8)	0.00	0.00	XP (15, 17)	0.00	0.00
XP (8, 30)	0.00	0.00	XP (12, 9)	0.00	0.00	XP (15, 18)	0.00	1.00
XP (9, 1)	0.00	0.00	XP (12, 10)	0.00	0.00	XP (15, 19)	0.00	0.00
XP (9, 2)	0.00	0.00	XP (12, 11)	0.00	0.00	XP (15, 20)	0.00	0.00
XP (9, 3)	0.00	0.00	XP (12, 12)	0.00	1.00	XP (15, 21)	0.00	0.00
XP (9, 4)	0.00	1.00	XP (12, 13)	0.00	0.00	XP (15, 22)	1.00	1.00
XP (9, 5)	1.00	0.00	XP (12, 14)	1.00	0.00	XP (15, 23)	0.00	0.00
XP (9, 6)	0.00	0.00	XP (12, 15)	1.00	0.00	XP (15, 24)	0.00	0.00
XP (9, 7)	1.00	1.00	XP (12, 16)	0.00	0.00	XP (15, 25)	0.00	0.00
XP (9, 8)	0.00	0.00	XP (12, 17)	0.00	0.00	XP (15, 26)	0.00	1.00
XP (9, 9)	1.00	0.00	XP (12, 18)	0.00	0.00	XP (15, 27)	1.00	0.00
XP (9, 10)	0.00	0.00	XP (12, 19)	0.00	0.00	XP (15, 28)	1.00	0.00
XP (9, 11)	0.00	0.00	XP (12, 20)	0.00	1.00	XP (15, 29)	0.00	0.00
XP (9, 12)	0.00	0.00	XP (12, 21)	0.00	0.00	XP (15, 30)	0.00	1.00
XP (9, 13)	1.00	0.00	XP (12, 22)	1.00	0.00	XP (16, 1)	0.00	0.00
XP (9, 14)	0.00	0.00	XP (12, 23)	0.00	0.00	XP (16, 2)	0.00	0.00
XP (9, 15)	1.00	1.00	XP (12, 24)	0.00	1.00	XP (16, 3)	0.00	0.00
XP (9, 16)	0.00	0.00	XP (12, 25)	0.00	1.00	XP (16, 4)	1.00	1.00
XP (9, 17)	0.00	0.00	XP (12, 26)	1.00	0.00	XP (16, 5)	0.00	0.00
XP (9, 18)	1.00	0.00	XP (12, 27)	0.00	0.00	XP (16, 6)	1.00	0.00
XP (9, 19)	1.00	0.00	XP (12, 28)	0.00	0.00	XP (16, 7)	0.00	0.00
XP (9, 20)	0.00	0.00	XP (12, 29)	0.00	0.00	XP (16, 8)	1.00	0.00
XP (9, 21)	0.00	0.00	XP (12, 30)	1.00	0.00	XP (16, 9)	0.00	0.00
XP (9, 22)	0.00	0.00	XP (13, 1)	1.00	0.00	XP (16, 10)	0.00	0.00
XP (9, 23)	0.00	1.00	XP (13, 2)	0.00	0.00	XP (16, 11)	0.00	0.00
XP (9, 24)	0.00	0.00	XP (13, 3)	1.00	0.00	XP (16, 12)	0.00	0.00
XP (9, 25)	0.00	0.00	XP (13, 4)	0.00	0.00	XP (16, 13)	0.00	0.00
XP (9, 26)	0.00	1.00	XP (13, 5)	0.00	0.00	XP (16, 14)	0.00	1.00
XP (9, 27)	1.00	0.00	XP (13, 6)	1.00	0.00	XP (16, 15)	0.00	0.00
XP (9, 28)	0.00	0.00	XP (13, 7)	1.00	0.00	XP (16, 16)	0.00	0.00
XP (9, 29)	1.00	0.00	XP (13, 8)	0.00	0.00	XP (16, 17)	1.00	1.00
XP (9, 30)	0.00	0.00	XP (13, 9)	0.00	0.00	XP (16, 18)	1.00	0.00
XP (10, 1)	1.00	0.00	XP (13, 10)	0.00	0.00	XP (16, 19)	0.00	0.00
XP (10, 2)	0.00	0.00	XP (13, 11)	0.00	1.00	XP (16, 20)	1.00	0.00
XP (10, 3)	1.00	0.00	XP (13, 12)	1.00	0.00	XP (16, 21)	1.00	0.00
XP (10, 4)	1.00	0.00	XP (13, 13)	0.00	0.00	XP (16, 22)	0.00	0.00
XP (10, 5)	1.00	0.00	XP (13, 14)	1.00	0.00	XP (16, 23)	0.00	0.00
XP (10, 6)	0.00	0.00	XP (13, 15)	0.00	0.00	XP (16, 24)	0.00	1.00
XP (10, 7)	0.00	0.00	XP (13, 16)	1.00	1.00	XP (16, 25)	0.00	0.00
XP (10, 8)	1.00	1.00	XP (13, 17)	0.00	0.00	XP (16, 26)	0.00	0.00
XP (10, 9)	0.00	0.00	XP (13, 18)	0.00	0.00	XP (16, 27)	0.00	0.00
XP (10, 10)	0.00	0.00	XP (13, 19)	0.00	1.00	XP (16, 28)	0.00	1.00
XP (10, 11)	0.00	0.00	XP (13, 20)	0.00	0.00	XP (16, 29)	0.00	0.00
XP (10, 12)	1.00	1.00	XP (13, 21)	0.00	0.00	XP (16, 30)	0.00	0.00
XP (10, 13)	0.00	0.00	XP (13, 22)	0.00	0.00	XP (17, 1)	0.00	0.00
XP (10, 14)	1.00	0.00	XP (13, 23)	1.00	1.00	XP (17, 2)	1.00	0.00
XP (10, 15)	1.00	0.00	XP (13, 24)	1.00	0.00	XP (17, 3)	1.00	0.00
XP (10, 16)	1.00	0.00	XP (13, 25)	0.00	0.00	XP (17, 4)	0.00	0.00
XP (10, 17)	0.00	0.00	XP (13, 26)	1.00	0.00	XP (17, 5)	0.00	0.00
XP (10, 18)	1.00	0.00	XP (13, 27)	0.00	0.00	XP (17, 6)	0.00	0.00

XP (17, 7)	0.00	1.00	XP (20, 16)	0.00	0.00	XP (23, 25)	1.00	0.00
XP (17, 8)	1.00	0.00	XP (20, 17)	0.00	0.00	XP (23, 26)	1.00	0.00
XP (17, 9)	0.00	0.00	XP (20, 18)	0.00	0.00	XP (23, 27)	1.00	0.00
XP (17, 10)	0.00	0.00	XP (20, 19)	0.00	0.00	XP (23, 28)	0.00	0.00
XP (17, 11)	0.00	0.00	XP (20, 20)	0.00	1.00	XP (23, 29)	0.00	0.00
XP (17, 12)	0.00	1.00	XP (20, 21)	0.00	0.00	XP (23, 30)	0.00	0.00
XP (17, 13)	1.00	0.00	XP (20, 22)	0.00	0.00	XP (24, 1)	0.00	0.00
XP (17, 14)	0.00	0.00	XP (20, 23)	0.00	0.00	XP (24, 2)	0.00	0.00
XP (17, 15)	0.00	0.00	XP (20, 24)	0.00	1.00	XP (24, 3)	0.00	0.00
XP (17, 16)	0.00	0.00	XP (20, 25)	0.00	0.00	XP (24, 4)	0.00	0.00
XP (17, 17)	0.00	0.00	XP (20, 26)	0.00	0.00	XP (24, 5)	1.00	1.00
XP (17, 18)	0.00	0.00	XP (20, 27)	0.00	1.00	XP (24, 6)	0.00	0.00
XP (17, 19)	0.00	1.00	XP (20, 28)	1.00	0.00	XP (24, 7)	0.00	0.00
XP (17, 20)	0.00	0.00	XP (20, 29)	0.00	0.00	XP (24, 8)	0.00	0.00
XP (17, 21)	0.00	0.00	XP (20, 30)	0.00	1.00	XP (24, 9)	1.00	0.00
XP (17, 22)	0.00	0.00	XP (21, 1)	0.00	0.00	XP (24, 10)	0.00	0.00
XP (17, 23)	0.00	1.00	XP (21, 2)	1.00	0.00	XP (24, 11)	0.00	0.00
XP (17, 24)	0.00	0.00	XP (21, 3)	1.00	0.00	XP (24, 12)	0.00	1.00
XP (17, 25)	0.00	0.00	XP (21, 4)	1.00	0.00	XP (24, 13)	0.00	0.00
XP (17, 26)	0.00	0.00	XP (21, 5)	0.00	0.00	XP (24, 14)	0.00	1.00
XP (17, 27)	0.00	0.00	XP (21, 6)	1.00	0.00	XP (24, 15)	0.00	0.00
XP (17, 28)	0.00	1.00	XP (21, 7)	0.00	0.00	XP (24, 16)	0.00	0.00
XP (17, 29)	0.00	0.00	XP (21, 8)	0.00	0.00	XP (24, 17)	0.00	1.00
XP (17, 30)	0.00	0.00	XP (21, 9)	0.00	1.00	XP (24, 18)	0.00	0.00
XP (18, 1)	0.00	0.00	XP (21, 10)	0.00	0.00	XP (24, 19)	0.00	0.00
XP (18, 2)	0.00	0.00	XP (21, 11)	0.00	0.00	XP (24, 20)	1.00	0.00
XP (18, 3)	0.00	0.00	XP (21, 12)	0.00	1.00	XP (24, 21)	0.00	0.00
XP (18, 4)	0.00	0.00	XP (21, 13)	1.00	0.00	XP (24, 22)	1.00	0.00
XP (18, 5)	0.00	1.00	XP (21, 14)	1.00	0.00	XP (24, 23)	0.00	0.00
XP (18, 6)	0.00	0.00	XP (21, 15)	1.00	0.00	XP (24, 24)	1.00	0.00
XP (18, 7)	1.00	1.00	XP (21, 16)	0.00	0.00	XP (24, 25)	1.00	0.00
XP (18, 8)	0.00	0.00	XP (21, 17)	0.00	0.00	XP (24, 26)	1.00	0.00
XP (18, 9)	0.00	0.00	XP (21, 18)	0.00	0.00	XP (24, 27)	0.00	0.00
XP (18, 10)	0.00	0.00	XP (21, 19)	1.00	0.00	XP (24, 28)	0.00	0.00
XP (18, 11)	0.00	0.00	XP (21, 20)	1.00	0.00	XP (24, 29)	0.00	0.00
XP (18, 12)	1.00	1.00	XP (21, 21)	0.00	0.00	XP (24, 30)	1.00	1.00
XP (18, 13)	1.00	0.00	XP (21, 22)	1.00	0.00	XS (1, 1)	1.00	0.00
XP (18, 14)	0.00	0.00	XP (21, 23)	0.00	0.00	XS (1, 2)	0.00	0.00
XP (18, 15)	0.00	0.00	XP (21, 24)	1.00	1.00	XS (1, 3)	1.00	0.00
XP (18, 16)	1.00	1.00	XP (21, 25)	0.00	0.00	XS (1, 4)	0.00	0.00
XP (18, 17)	0.00	0.00	XP (21, 26)	0.00	0.00	XS (1, 5)	0.00	0.00
XP (18, 18)	1.00	0.00	XP (21, 27)	0.00	0.00	XS (1, 6)	0.00	0.00
XP (18, 19)	0.00	0.00	XP (21, 28)	0.00	1.00	XS (1, 7)	1.00	0.00
XP (18, 20)	1.00	0.00	XP (21, 29)	0.00	0.00	XS (1, 8)	1.00	0.00
XP (18, 21)	1.00	0.00	XP (21, 30)	0.00	1.00	XS (1, 9)	0.00	0.00
XP (18, 22)	0.00	0.00	XP (22, 1)	1.00	0.00	XS (1, 10)	0.00	0.00
XP (18, 23)	0.00	0.00	XP (22, 2)	0.00	0.00	XS (1, 11)	0.00	0.00
XP (18, 24)	0.00	0.00	XP (22, 3)	0.00	0.00	XS (1, 12)	0.00	1.00
XP (18, 25)	1.00	1.00	XP (22, 4)	1.00	0.00	XS (1, 13)	0.00	0.00
XP (18, 26)	1.00	0.00	XP (22, 5)	0.00	0.00	XS (1, 14)	1.00	0.00
XP (18, 27)	1.00	0.00	XP (22, 6)	0.00	0.00	XS (1, 15)	0.00	0.00
XP (18, 28)	0.00	0.00	XP (22, 7)	0.00	0.00	XS (1, 16)	0.00	0.00
XP (18, 29)	0.00	0.00	XP (22, 8)	0.00	1.00	XS (1, 17)	0.00	0.00
XP (18, 30)	1.00	0.00	XP (22, 9)	0.00	0.00	XS (1, 18)	0.00	0.00
XP (19, 1)	0.00	0.00	XP (22, 10)	0.00	0.00	XS (1, 19)	0.00	1.00
XP (19, 2)	1.00	0.00	XP (22, 11)	0.00	0.00	XS (1, 20)	1.00	0.00
XP (19, 3)	1.00	0.00	XP (22, 12)	0.00	0.00	XS (1, 21)	0.00	0.00
XP (19, 4)	0.00	0.00	XP (22, 13)	0.00	1.00	XS (1, 22)	0.00	0.00
XP (19, 5)	0.00	0.00	XP (22, 14)	0.00	0.00	XS (1, 23)	0.00	0.00
XP (19, 6)	0.00	0.00	XP (22, 15)	0.00	0.00	XS (1, 24)	0.00	1.00
XP (19, 7)	1.00	1.00	XP (22, 16)	0.00	0.00	XS (1, 25)	0.00	0.00
XP (19, 8)	0.00	0.00	XP (22, 17)	0.00	0.00	XS (1, 26)	0.00	1.00
XP (19, 9)	1.00	0.00	XP (22, 18)	0.00	1.00	XS (1, 27)	0.00	0.00
XP (19, 10)	0.00	0.00	XP (22, 19)	0.00	0.00	XS (1, 28)	0.00	0.00
XP (19, 11)	1.00	0.00	XP (22, 20)	1.00	1.00	XS (1, 29)	1.00	1.00
XP (19, 12)	0.00	0.00	XP (22, 21)	1.00	0.00	XS (1, 30)	1.00	0.00
XP (19, 13)	0.00	0.00	XP (22, 22)	0.00	0.00	XS (2, 1)	0.00	0.00
XP (19, 14)	0.00	0.00	XP (22, 23)	1.00	0.00	XS (2, 2)	0.00	0.00
XP (19, 15)	0.00	0.00	XP (22, 24)	0.00	0.00	XS (2, 3)	0.00	0.00
XP (19, 16)	0.00	1.00	XP (22, 25)	1.00	0.00	XS (2, 4)	0.00	0.00
XP (19, 17)	1.00	0.00	XP (22, 26)	1.00	0.00	XS (2, 5)	0.00	0.00
XP (19, 18)	1.00	0.00	XP (22, 27)	0.00	0.00	XS (2, 6)	0.00	1.00
XP (19, 19)	0.00	0.00	XP (22, 28)	0.00	0.00	XS (2, 7)	1.00	0.00
XP (19, 20)	0.00	0.00	XP (22, 29)	0.00	0.00	XS (2, 8)	1.00	0.00
XP (19, 21)	0.00	0.00	XP (22, 30)	0.00	1.00	XS (2, 9)	0.00	0.00
XP (19, 22)	1.00	0.00	XP (23, 1)	1.00	0.00	XS (2, 10)	0.00	0.00
XP (19, 23)	1.00	0.00	XP (23, 2)	0.00	0.00	XS (2, 11)	0.00	0.00
XP (19, 24)	0.00	0.00	XP (23, 3)	0.00	0.00	XS (2, 12)	0.00	0.00
XP (19, 25)	1.00	1.00	XP (23, 4)	0.00	0.00	XS (2, 13)	0.00	0.00
XP (19, 26)	1.00	0.00	XP (23, 5)	0.00	0.00	XS (2, 14)	0.00	1.00
XP (19, 27)	0.00	0.00	XP (23, 6)	0.00	0.00	XS (2, 15)	0.00	0.00
XP (19, 28)	0.00	1.00	XP (23, 7)	1.00	1.00	XS (2, 16)	0.00	0.00
XP (19, 29)	0.00	0.00	XP (23, 8)	0.00	0.00	XS (2, 17)	0.00	0.00
XP (19, 30)	0.00	0.00	XP (23, 9)	0.00	0.00	XS (2, 18)	0.00	0.00
XP (20, 1)	1.00	0.00	XP (23, 10)	0.00	0.00	XS (2, 19)	0.00	1.00
XP (20, 2)	0.00	0.00	XP (23, 11)	1.00	1.00	XS (2, 20)	0.00	0.00
XP (20, 3)	0.00	0.00	XP (23, 12)	0.00	0.00	XS (2, 21)	0.00	0.00
XP (20, 4)	0.00	0.00	XP (23, 13)	0.00	0.00	XS (2, 22)	0.00	1.00
XP (20, 5)	1.00	0.00	XP (23, 14)	1.00	0.00	XS (2, 23)	0.00	0.00
XP (20, 6)	0.00	0.00	XP (23, 15)	0.00	0.00	XS (2, 24)	0.00	0.00
XP (20, 7)	0.00	0.00	XP (23, 16)	0.00	1.00	XS (2, 25)	0.00	0.00
XP (20, 8)	1.00	0.00	XP (23, 17)	0.00	0.00	XS (2, 26)	1.00	1.00
XP (20, 9)	1.00	0.00	XP (23, 18)	0.00	0.00	XS (2, 27)	0.00	0.00
XP (20, 10)	0.00	0.00	XP (23, 19)	0.00	0.00	XS (2, 28)	1.00	0.00
XP (20, 11)	0.00	0.00	XP (23, 20)	0.00	1.00	XS (2, 29)	0.00	0.00
XP (20, 12)	0.00	0.00	XP (23, 21)	0.00	0.00	XS (2, 30)	0.00	0.00
XP (20, 13)	0.00	0.00	XP (23, 22)	0.00	0.00	XS (3, 1)	0.00	0.00
XP (20, 14)	1.00	1.00	XP (23, 23)	1.00	1.00	XS (3, 2)	0.00	0.00
XP (20, 15)	1.00	0.00	XP (23, 24)	0.00	0.00	XS (3, 3)	0.00	1.00

XS (3,4)	0.00	0.00	XS (6,13)	0.00	0.00	XS (9,22)	0.00	0.00
XS (3,5)	0.00	0.00	XS (6,14)	0.00	0.00	XS (9,23)	1.00	1.00
XS (3,6)	0.00	0.00	XS (6,15)	0.00	1.00	XS (9,24)	1.00	0.00
XS (3,7)	0.00	1.00	XS (6,16)	0.00	0.00	XS (9,25)	0.00	0.00
XS (3,8)	0.00	0.00	XS (6,17)	0.00	1.00	XS (9,26)	1.00	1.00
XS (3,9)	0.00	0.00	XS (6,18)	0.00	0.00	XS (9,27)	0.00	0.00
XS (3,10)	1.00	0.00	XS (6,19)	1.00	0.00	XS (9,28)	1.00	0.00
XS (3,11)	0.00	0.00	XS (6,20)	0.00	0.00	XS (9,29)	0.00	0.00
XS (3,12)	0.00	0.00	XS (6,21)	0.00	0.00	XS (9,30)	1.00	0.00
XS (3,13)	0.00	0.00	XS (6,22)	1.00	0.00	XS (10,1)	0.00	0.00
XS (3,14)	0.00	0.00	XS (6,23)	0.00	0.00	XS (10,2)	1.00	0.00
XS (3,15)	0.00	0.00	XS (6,24)	0.00	0.00	XS (10,3)	0.00	0.00
XS (3,16)	1.00	1.00	XS (6,25)	0.00	0.00	XS (10,4)	0.00	0.00
XS (3,17)	0.00	0.00	XS (6,26)	0.00	1.00	XS (10,5)	0.00	0.00
XS (3,18)	0.00	0.00	XS (6,27)	0.00	0.00	XS (10,6)	1.00	0.00
XS (3,19)	0.00	0.00	XS (6,28)	0.00	0.00	XS (10,7)	0.00	0.00
XS (3,20)	0.00	1.00	XS (6,29)	0.00	0.00	XS (10,8)	0.00	1.00
XS (3,21)	1.00	0.00	XS (6,30)	0.00	0.00	XS (10,9)	1.00	0.00
XS (3,22)	0.00	0.00	XS (7,1)	0.00	0.00	XS (10,10)	1.00	0.00
XS (3,23)	0.00	0.00	XS (7,2)	1.00	0.00	XS (10,11)	0.00	0.00
XS (3,24)	0.00	0.00	XS (7,3)	0.00	0.00	XS (10,12)	0.00	1.00
XS (3,25)	1.00	1.00	XS (7,4)	0.00	0.00	XS (10,13)	1.00	0.00
XS (3,26)	1.00	0.00	XS (7,5)	1.00	1.00	XS (10,14)	0.00	0.00
XS (3,27)	0.00	0.00	XS (7,6)	0.00	0.00	XS (10,15)	0.00	0.00
XS (3,28)	1.00	0.00	XS (7,7)	0.00	0.00	XS (10,16)	0.00	0.00
XS (3,29)	1.00	0.00	XS (7,8)	0.00	0.00	XS (10,17)	1.00	0.00
XS (3,30)	0.00	0.00	XS (7,9)	1.00	1.00	XS (10,18)	0.00	0.00
XS (4,1)	0.00	0.00	XS (7,10)	0.00	0.00	XS (10,19)	0.00	0.00
XS (4,2)	1.00	0.00	XS (7,11)	1.00	0.00	XS (10,20)	0.00	0.00
XS (4,3)	0.00	0.00	XS (7,12)	0.00	0.00	XS (10,21)	0.00	0.00
XS (4,4)	0.00	0.00	XS (7,13)	0.00	0.00	XS (10,22)	1.00	1.00
XS (4,5)	0.00	0.00	XS (7,14)	0.00	0.00	XS (10,23)	0.00	0.00
XS (4,6)	0.00	0.00	XS (7,15)	1.00	0.00	XS (10,24)	0.00	0.00
XS (4,7)	0.00	0.00	XS (7,16)	1.00	0.00	XS (10,25)	0.00	0.00
XS (4,8)	0.00	1.00	XS (7,17)	0.00	0.00	XS (10,26)	0.00	1.00
XS (4,9)	1.00	0.00	XS (7,18)	0.00	0.00	XS (10,27)	0.00	0.00
XS (4,10)	0.00	0.00	XS (7,19)	0.00	1.00	XS (10,28)	0.00	0.00
XS (4,11)	0.00	0.00	XS (7,20)	0.00	0.00	XS (10,29)	0.00	0.00
XS (4,12)	0.00	0.00	XS (7,21)	1.00	0.00	XS (10,30)	0.00	1.00
XS (4,13)	1.00	0.00	XS (7,22)	0.00	0.00	XS (11,1)	0.00	0.00
XS (4,14)	0.00	0.00	XS (7,23)	0.00	0.00	XS (11,2)	0.00	0.00
XS (4,15)	1.00	1.00	XS (7,24)	0.00	0.00	XS (11,3)	0.00	0.00
XS (4,16)	1.00	0.00	XS (7,25)	1.00	1.00	XS (11,4)	0.00	1.00
XS (4,17)	0.00	0.00	XS (7,26)	1.00	0.00	XS (11,5)	1.00	0.00
XS (4,18)	0.00	0.00	XS (7,27)	0.00	0.00	XS (11,6)	0.00	0.00
XS (4,19)	0.00	0.00	XS (7,28)	0.00	0.00	XS (11,7)	0.00	0.00
XS (4,20)	0.00	1.00	XS (7,29)	1.00	1.00	XS (11,8)	0.00	0.00
XS (4,21)	0.00	0.00	XS (7,30)	0.00	0.00	XS (11,9)	0.00	0.00
XS (4,22)	1.00	1.00	XS (8,1)	1.00	0.00	XS (11,10)	0.00	0.00
XS (4,23)	0.00	0.00	XS (8,2)	1.00	0.00	XS (11,11)	1.00	1.00
XS (4,24)	0.00	1.00	XS (8,3)	1.00	0.00	XS (11,12)	0.00	0.00
XS (4,25)	0.00	0.00	XS (8,4)	0.00	0.00	XS (11,13)	0.00	0.00
XS (4,26)	0.00	0.00	XS (8,5)	1.00	0.00	XS (11,14)	0.00	1.00
XS (4,27)	1.00	0.00	XS (8,6)	1.00	0.00	XS (11,15)	1.00	0.00
XS (4,28)	0.00	0.00	XS (8,7)	0.00	0.00	XS (11,16)	0.00	0.00
XS (4,29)	1.00	0.00	XS (8,8)	0.00	0.00	XS (11,17)	0.00	0.00
XS (4,30)	0.00	0.00	XS (8,9)	0.00	0.00	XS (11,18)	0.00	0.00
XS (5,1)	0.00	0.00	XS (8,10)	0.00	0.00	XS (11,19)	0.00	1.00
XS (5,2)	0.00	0.00	XS (8,11)	0.00	1.00	XS (11,20)	0.00	0.00
XS (5,3)	0.00	1.00	XS (8,12)	0.00	0.00	XS (11,21)	1.00	0.00
XS (5,4)	0.00	0.00	XS (8,13)	0.00	0.00	XS (11,22)	0.00	0.00
XS (5,5)	1.00	0.00	XS (8,14)	0.00	0.00	XS (11,23)	0.00	0.00
XS (5,6)	0.00	0.00	XS (8,15)	0.00	1.00	XS (11,24)	0.00	0.00
XS (5,7)	0.00	0.00	XS (8,16)	1.00	0.00	XS (11,25)	0.00	1.00
XS (5,8)	0.00	0.00	XS (8,17)	0.00	0.00	XS (11,26)	1.00	0.00
XS (5,9)	0.00	1.00	XS (8,18)	0.00	0.00	XS (11,27)	0.00	0.00
XS (5,10)	0.00	0.00	XS (8,19)	0.00	0.00	XS (11,28)	0.00	0.00
XS (5,11)	0.00	0.00	XS (8,20)	0.00	0.00	XS (11,29)	0.00	0.00
XS (5,12)	0.00	0.00	XS (8,21)	1.00	1.00	XS (11,30)	0.00	0.00
XS (5,13)	0.00	0.00	XS (8,22)	0.00	0.00	XS (12,1)	0.00	0.00
XS (5,14)	1.00	1.00	XS (8,23)	1.00	0.00	XS (12,2)	1.00	0.00
XS (5,15)	0.00	0.00	XS (8,24)	0.00	0.00	XS (12,3)	1.00	0.00
XS (5,16)	0.00	0.00	XS (8,25)	0.00	1.00	XS (12,4)	0.00	0.00
XS (5,17)	0.00	1.00	XS (8,26)	0.00	0.00	XS (12,5)	0.00	0.00
XS (5,18)	0.00	0.00	XS (8,27)	0.00	0.00	XS (12,6)	0.00	0.00
XS (5,19)	0.00	0.00	XS (8,28)	0.00	0.00	XS (12,7)	0.00	1.00
XS (5,20)	1.00	0.00	XS (8,29)	0.00	1.00	XS (12,8)	0.00	0.00
XS (5,21)	1.00	0.00	XS (8,30)	1.00	0.00	XS (12,9)	0.00	0.00
XS (5,22)	0.00	0.00	XS (9,1)	0.00	0.00	XS (12,10)	0.00	0.00
XS (5,23)	0.00	0.00	XS (9,2)	0.00	0.00	XS (12,11)	0.00	0.00
XS (5,24)	0.00	1.00	XS (9,3)	0.00	0.00	XS (12,12)	1.00	1.00
XS (5,25)	0.00	0.00	XS (9,4)	1.00	1.00	XS (12,13)	1.00	0.00
XS (5,26)	1.00	0.00	XS (9,5)	0.00	0.00	XS (12,14)	0.00	0.00
XS (5,27)	1.00	0.00	XS (9,6)	0.00	0.00	XS (12,15)	0.00	0.00
XS (5,28)	0.00	0.00	XS (9,7)	0.00	1.00	XS (12,16)	0.00	0.00
XS (5,29)	0.00	0.00	XS (9,8)	1.00	0.00	XS (12,17)	0.00	0.00
XS (5,30)	0.00	0.00	XS (9,9)	0.00	0.00	XS (12,18)	0.00	0.00
XS (6,1)	1.00	0.00	XS (9,10)	1.00	0.00	XS (12,19)	0.00	0.00
XS (6,2)	0.00	0.00	XS (9,11)	1.00	0.00	XS (12,20)	1.00	1.00
XS (6,3)	0.00	0.00	XS (9,12)	1.00	0.00	XS (12,21)	1.00	0.00
XS (6,4)	1.00	1.00	XS (9,13)	0.00	0.00	XS (12,22)	0.00	0.00
XS (6,5)	0.00	0.00	XS (9,14)	0.00	0.00	XS (12,23)	0.00	0.00
XS (6,6)	0.00	0.00	XS (9,15)	0.00	1.00	XS (12,24)	0.00	1.00
XS (6,7)	0.00	0.00	XS (9,16)	1.00	0.00	XS (12,25)	1.00	1.00
XS (6,8)	0.00	0.00	XS (9,17)	1.00	0.00	XS (12,26)	0.00	0.00
XS (6,9)	1.00	1.00	XS (9,18)	0.00	0.00	XS (12,27)	1.00	0.00
XS (6,10)	0.00	0.00	XS (9,19)	0.00	0.00	XS (12,28)	1.00	0.00
XS (6,11)	0.00	0.00	XS (9,20)	0.00	0.00	XS (12,29)	1.00	0.00
XS (6,12)	0.00	0.00	XS (9,21)	0.00	0.00	XS (12,30)	0.00	0.00

XS (13, 1)	0.00	0.00	XS (16, 10)	1.00	0.00	XS (19, 19)	1.00	0.00
XS (13, 2)	1.00	0.00	XS (16, 11)	0.00	0.00	XS (19, 20)	1.00	0.00
XS (13, 3)	0.00	0.00	XS (16, 12)	0.00	0.00	XS (19, 21)	1.00	0.00
XS (13, 4)	1.00	0.00	XS (16, 13)	0.00	0.00	XS (19, 22)	0.00	0.00
XS (13, 5)	1.00	0.00	XS (16, 14)	0.00	1.00	XS (19, 23)	0.00	0.00
XS (13, 6)	0.00	0.00	XS (16, 15)	0.00	0.00	XS (19, 24)	0.00	0.00
XS (13, 7)	0.00	0.00	XS (16, 16)	0.00	0.00	XS (19, 25)	0.00	1.00
XS (13, 8)	0.00	0.00	XS (16, 17)	0.00	1.00	XS (19, 26)	0.00	0.00
XS (13, 9)	0.00	0.00	XS (16, 18)	0.00	0.00	XS (19, 27)	0.00	0.00
XS (13, 10)	0.00	0.00	XS (16, 19)	1.00	0.00	XS (19, 28)	0.00	1.00
XS (13, 11)	1.00	1.00	XS (16, 20)	0.00	0.00	XS (19, 29)	0.00	0.00
XS (13, 12)	0.00	0.00	XS (16, 21)	0.00	0.00	XS (19, 30)	0.00	0.00
XS (13, 13)	1.00	0.00	XS (16, 22)	0.00	0.00	XS (20, 1)	0.00	0.00
XS (13, 14)	0.00	0.00	XS (16, 23)	0.00	0.00	XS (20, 2)	1.00	0.00
XS (13, 15)	0.00	0.00	XS (16, 24)	0.00	1.00	XS (20, 3)	1.00	0.00
XS (13, 16)	0.00	1.00	XS (16, 25)	0.00	0.00	XS (20, 4)	1.00	0.00
XS (13, 17)	0.00	0.00	XS (16, 26)	0.00	0.00	XS (20, 5)	0.00	0.00
XS (13, 18)	0.00	0.00	XS (16, 27)	0.00	0.00	XS (20, 6)	1.00	0.00
XS (13, 19)	0.00	1.00	XS (16, 28)	0.00	1.00	XS (20, 7)	1.00	0.00
XS (13, 20)	0.00	0.00	XS (16, 29)	0.00	0.00	XS (20, 8)	0.00	0.00
XS (13, 21)	0.00	0.00	XS (16, 30)	0.00	0.00	XS (20, 9)	0.00	0.00
XS (13, 22)	0.00	0.00	XS (17, 1)	1.00	0.00	XS (20, 10)	0.00	0.00
XS (13, 23)	0.00	1.00	XS (17, 2)	0.00	0.00	XS (20, 11)	0.00	0.00
XS (13, 24)	0.00	0.00	XS (17, 3)	0.00	0.00	XS (20, 12)	0.00	0.00
XS (13, 25)	1.00	0.00	XS (17, 4)	0.00	0.00	XS (20, 13)	0.00	0.00
XS (13, 26)	0.00	0.00	XS (17, 5)	0.00	0.00	XS (20, 14)	0.00	1.00
XS (13, 27)	0.00	0.00	XS (17, 6)	0.00	0.00	XS (20, 15)	0.00	0.00
XS (13, 28)	0.00	0.00	XS (17, 7)	1.00	1.00	XS (20, 16)	0.00	0.00
XS (13, 29)	0.00	1.00	XS (17, 8)	0.00	0.00	XS (20, 17)	0.00	0.00
XS (13, 30)	0.00	0.00	XS (17, 9)	0.00	0.00	XS (20, 18)	0.00	0.00
XS (14, 1)	0.00	0.00	XS (17, 10)	0.00	0.00	XS (20, 19)	0.00	0.00
XS (14, 2)	0.00	0.00	XS (17, 11)	0.00	0.00	XS (20, 20)	0.00	1.00
XS (14, 3)	0.00	0.00	XS (17, 12)	1.00	1.00	XS (20, 21)	0.00	0.00
XS (14, 4)	1.00	1.00	XS (17, 13)	0.00	0.00	XS (20, 22)	0.00	0.00
XS (14, 5)	1.00	0.00	XS (17, 14)	1.00	0.00	XS (20, 23)	0.00	0.00
XS (14, 6)	0.00	0.00	XS (17, 15)	1.00	0.00	XS (20, 24)	0.00	1.00
XS (14, 7)	0.00	0.00	XS (17, 16)	1.00	0.00	XS (20, 25)	0.00	0.00
XS (14, 8)	0.00	1.00	XS (17, 17)	0.00	0.00	XS (20, 26)	0.00	0.00
XS (14, 9)	1.00	0.00	XS (17, 18)	0.00	0.00	XS (20, 27)	1.00	1.00
XS (14, 10)	0.00	0.00	XS (17, 19)	0.00	1.00	XS (20, 28)	0.00	0.00
XS (14, 11)	1.00	0.00	XS (17, 20)	0.00	0.00	XS (20, 29)	0.00	0.00
XS (14, 12)	1.00	0.00	XS (17, 21)	0.00	0.00	XS (20, 30)	1.00	1.00
XS (14, 13)	0.00	0.00	XS (17, 22)	0.00	0.00	XS (21, 1)	1.00	0.00
XS (14, 14)	0.00	0.00	XS (17, 23)	1.00	1.00	XS (21, 2)	0.00	0.00
XS (14, 15)	0.00	0.00	XS (17, 24)	1.00	0.00	XS (21, 3)	0.00	0.00
XS (14, 16)	0.00	0.00	XS (17, 25)	1.00	0.00	XS (21, 4)	0.00	0.00
XS (14, 17)	1.00	1.00	XS (17, 26)	0.00	0.00	XS (21, 5)	1.00	0.00
XS (14, 18)	1.00	0.00	XS (17, 27)	0.00	0.00	XS (21, 6)	0.00	0.00
XS (14, 19)	1.00	0.00	XS (17, 28)	0.00	1.00	XS (21, 7)	0.00	0.00
XS (14, 20)	0.00	0.00	XS (17, 29)	0.00	0.00	XS (21, 8)	0.00	0.00
XS (14, 21)	0.00	0.00	XS (17, 30)	0.00	0.00	XS (21, 9)	0.00	1.00
XS (14, 22)	0.00	0.00	XS (18, 1)	0.00	0.00	XS (21, 10)	0.00	0.00
XS (14, 23)	0.00	1.00	XS (18, 2)	0.00	0.00	XS (21, 11)	0.00	0.00
XS (14, 24)	0.00	0.00	XS (18, 3)	0.00	0.00	XS (21, 12)	1.00	1.00
XS (14, 25)	0.00	0.00	XS (18, 4)	0.00	0.00	XS (21, 13)	0.00	0.00
XS (14, 26)	0.00	0.00	XS (18, 5)	1.00	1.00	XS (21, 14)	0.00	0.00
XS (14, 27)	0.00	1.00	XS (18, 6)	0.00	0.00	XS (21, 15)	0.00	0.00
XS (14, 28)	1.00	0.00	XS (18, 7)	0.00	1.00	XS (21, 16)	1.00	0.00
XS (14, 29)	0.00	0.00	XS (18, 8)	1.00	0.00	XS (21, 17)	1.00	0.00
XS (14, 30)	1.00	0.00	XS (18, 9)	0.00	0.00	XS (21, 18)	1.00	0.00
XS (15, 1)	1.00	0.00	XS (18, 10)	0.00	0.00	XS (21, 19)	0.00	0.00
XS (15, 2)	0.00	0.00	XS (18, 11)	0.00	0.00	XS (21, 20)	0.00	0.00
XS (15, 3)	0.00	0.00	XS (18, 12)	0.00	1.00	XS (21, 21)	1.00	0.00
XS (15, 4)	1.00	0.00	XS (18, 13)	0.00	0.00	XS (21, 22)	0.00	0.00
XS (15, 5)	0.00	0.00	XS (18, 14)	1.00	0.00	XS (21, 23)	0.00	0.00
XS (15, 6)	1.00	0.00	XS (18, 15)	0.00	0.00	XS (21, 24)	0.00	1.00
XS (15, 7)	0.00	0.00	XS (18, 16)	0.00	1.00	XS (21, 25)	0.00	0.00
XS (15, 8)	0.00	0.00	XS (18, 17)	1.00	0.00	XS (21, 26)	0.00	0.00
XS (15, 9)	0.00	0.00	XS (18, 18)	0.00	0.00	XS (21, 27)	0.00	0.00
XS (15, 10)	0.00	1.00	XS (18, 19)	1.00	0.00	XS (21, 28)	0.00	1.00
XS (15, 11)	1.00	0.00	XS (18, 20)	0.00	0.00	XS (21, 29)	0.00	0.00
XS (15, 12)	0.00	0.00	XS (18, 21)	0.00	0.00	XS (21, 30)	1.00	1.00
XS (15, 13)	0.00	0.00	XS (18, 22)	1.00	0.00	XS (22, 1)	0.00	0.00
XS (15, 14)	1.00	0.00	XS (18, 23)	0.00	0.00	XS (22, 2)	1.00	0.00
XS (15, 15)	1.00	0.00	XS (18, 24)	0.00	0.00	XS (22, 3)	1.00	0.00
XS (15, 16)	0.00	0.00	XS (18, 25)	0.00	1.00	XS (22, 4)	0.00	0.00
XS (15, 17)	0.00	0.00	XS (18, 26)	0.00	0.00	XS (22, 5)	1.00	0.00
XS (15, 18)	1.00	1.00	XS (18, 27)	0.00	0.00	XS (22, 6)	0.00	0.00
XS (15, 19)	1.00	0.00	XS (18, 28)	1.00	0.00	XS (22, 7)	0.00	0.00
XS (15, 20)	1.00	0.00	XS (18, 29)	1.00	0.00	XS (22, 8)	1.00	1.00
XS (15, 21)	0.00	0.00	XS (18, 30)	0.00	0.00	XS (22, 9)	1.00	0.00
XS (15, 22)	0.00	1.00	XS (19, 1)	1.00	0.00	XS (22, 10)	0.00	0.00
XS (15, 23)	1.00	0.00	XS (19, 2)	0.00	0.00	XS (22, 11)	0.00	0.00
XS (15, 24)	1.00	0.00	XS (19, 3)	0.00	0.00	XS (22, 12)	0.00	0.00
XS (15, 25)	0.00	0.00	XS (19, 4)	0.00	0.00	XS (22, 13)	1.00	1.00
XS (15, 26)	1.00	1.00	XS (19, 5)	0.00	0.00	XS (22, 14)	0.00	0.00
XS (15, 27)	0.00	0.00	XS (19, 6)	0.00	0.00	XS (22, 15)	0.00	0.00
XS (15, 28)	0.00	0.00	XS (19, 7)	0.00	1.00	XS (22, 16)	0.00	0.00
XS (15, 29)	0.00	0.00	XS (19, 8)	1.00	0.00	XS (22, 17)	0.00	0.00
XS (15, 30)	1.00	1.00	XS (19, 9)	0.00	0.00	XS (22, 18)	1.00	1.00
XS (16, 1)	1.00	0.00	XS (19, 10)	1.00	0.00	XS (22, 19)	0.00	0.00
XS (16, 2)	0.00	0.00	XS (19, 11)	0.00	0.00	XS (22, 20)	0.00	1.00
XS (16, 3)	0.00	0.00	XS (19, 12)	0.00	0.00	XS (22, 21)	0.00	0.00
XS (16, 4)	0.00	1.00	XS (19, 13)	0.00	0.00	XS (22, 22)	1.00	0.00
XS (16, 5)	1.00	0.00	XS (19, 14)	0.00	0.00	XS (22, 23)	0.00	0.00
XS (16, 6)	0.00	0.00	XS (19, 15)	0.00	0.00	XS (22, 24)	1.00	0.00
XS (16, 7)	1.00	0.00	XS (19, 16)	1.00	1.00	XS (22, 25)	0.00	0.00
XS (16, 8)	0.00	0.00	XS (19, 17)	0.00	0.00	XS (22, 26)	0.00	0.00
XS (16, 9)	1.00	0.00	XS (19, 18)	0.00	0.00	XS (22, 27)	1.00	0.00

XS (22, 28)	0.00	0.00	XM (2, 7)	0.00	0.00	XM (5, 16)	0.00	0.00
XS (22, 29)	0.00	0.00	XM (2, 8)	0.00	0.00	XM (5, 17)	0.00	1.00
XS (22, 30)	0.00	1.00	XM (2, 9)	0.00	0.00	XM (5, 18)	0.00	0.00
XS (23, 1)	0.00	0.00	XM (2, 10)	0.00	0.00	XM (5, 19)	0.00	0.00
XS (23, 2)	1.00	0.00	XM (2, 11)	0.00	0.00	XM (5, 20)	0.00	0.00
XS (23, 3)	0.00	0.00	XM (2, 12)	1.00	0.00	XM (5, 21)	0.00	0.00
XS (23, 4)	0.00	0.00	XM (2, 13)	0.00	0.00	XM (5, 22)	1.00	0.00
XS (23, 5)	0.00	0.00	XM (2, 14)	0.00	1.00	XM (5, 23)	0.00	0.00
XS (23, 6)	0.00	0.00	XM (2, 15)	0.00	0.00	XM (5, 24)	0.00	1.00
XS (23, 7)	0.00	1.00	XM (2, 16)	0.00	0.00	XM (5, 25)	0.00	0.00
XS (23, 8)	1.00	0.00	XM (2, 17)	1.00	1.00	XM (5, 26)	0.00	0.00
XS (23, 9)	0.00	0.00	XM (2, 18)	0.00	1.00	XM (5, 27)	0.00	0.00
XS (23, 10)	0.00	0.00	XM (2, 19)	1.00	2.00	XM (5, 28)	0.00	0.00
XS (23, 11)	0.00	1.00	XM (2, 20)	1.00	1.00	XM (5, 29)	0.00	0.00
XS (23, 12)	1.00	0.00	XM (2, 21)	0.00	0.00	XM (5, 30)	1.00	0.00
XS (23, 13)	1.00	0.00	XM (2, 22)	0.00	1.00	XM (6, 1)	0.00	0.00
XS (23, 14)	0.00	0.00	XM (2, 23)	0.00	0.00	XM (6, 2)	0.00	0.00
XS (23, 15)	0.00	0.00	XM (2, 24)	1.00	0.00	XM (6, 3)	0.00	0.00
XS (23, 16)	1.00	1.00	XM (2, 25)	0.00	0.00	XM (6, 4)	0.00	1.00
XS (23, 17)	0.00	0.00	XM (2, 26)	0.00	1.00	XM (6, 5)	0.00	0.00
XS (23, 18)	0.00	0.00	XM (2, 27)	0.00	0.00	XM (6, 6)	1.00	0.00
XS (23, 19)	0.00	0.00	XM (2, 28)	0.00	0.00	XM (6, 7)	1.00	0.00
XS (23, 20)	1.00	1.00	XM (2, 29)	0.00	0.00	XM (6, 8)	0.00	0.00
XS (23, 21)	0.00	0.00	XM (2, 30)	1.00	0.00	XM (6, 9)	0.00	1.00
XS (23, 22)	0.00	0.00	XM (3, 1)	1.00	1.00	XM (6, 10)	0.00	1.00
XS (23, 23)	0.00	1.00	XM (3, 2)	0.00	2.00	XM (6, 11)	1.00	2.00
XS (23, 24)	1.00	0.00	XM (3, 3)	1.00	4.00	XM (6, 12)	1.00	3.00
XS (23, 25)	0.00	0.00	XM (3, 4)	1.00	3.00	XM (6, 13)	1.00	3.00
XS (23, 26)	0.00	0.00	XM (3, 5)	1.00	2.00	XM (6, 14)	0.00	2.00
XS (23, 27)	0.00	0.00	XM (3, 6)	0.00	1.00	XM (6, 15)	1.00	2.00
XS (23, 28)	0.00	0.00	XM (3, 7)	0.00	1.00	XM (6, 16)	0.00	0.00
XS (23, 29)	0.00	0.00	XM (3, 8)	0.00	0.00	XM (6, 17)	0.00	1.00
XS (23, 30)	0.00	0.00	XM (3, 9)	0.00	0.00	XM (6, 18)	0.00	0.00
XS (24, 1)	0.00	0.00	XM (3, 10)	0.00	0.00	XM (6, 19)	0.00	0.00
XS (24, 2)	0.00	0.00	XM (3, 11)	0.00	1.00	XM (6, 20)	0.00	0.00
XS (24, 3)	0.00	0.00	XM (3, 12)	1.00	2.00	XM (6, 21)	0.00	0.00
XS (24, 4)	0.00	0.00	XM (3, 13)	1.00	2.00	XM (6, 22)	0.00	0.00
XS (24, 5)	0.00	1.00	XM (3, 14)	1.00	2.00	XM (6, 23)	1.00	0.00
XS (24, 6)	1.00	0.00	XM (3, 15)	0.00	1.00	XM (6, 24)	1.00	0.00
XS (24, 7)	1.00	0.00	XM (3, 16)	0.00	1.00	XM (6, 25)	0.00	0.00
XS (24, 8)	1.00	0.00	XM (3, 17)	0.00	0.00	XM (6, 26)	0.00	1.00
XS (24, 9)	0.00	0.00	XM (3, 18)	0.00	0.00	XM (6, 27)	0.00	1.00
XS (24, 10)	1.00	0.00	XM (3, 19)	0.00	0.00	XM (6, 28)	1.00	1.00
XS (24, 11)	0.00	0.00	XM (3, 20)	0.00	1.00	XM (6, 29)	1.00	1.00
XS (24, 12)	0.00	1.00	XM (3, 21)	0.00	0.00	XM (6, 30)	1.00	1.00
XS (24, 13)	0.00	0.00	XM (3, 22)	0.00	0.00	XM (7, 1)	0.00	0.00
XS (24, 14)	0.00	1.00	XM (3, 23)	1.00	0.00	XM (7, 2)	0.00	0.00
XS (24, 15)	0.00	0.00	XM (3, 24)	0.00	0.00	XM (7, 3)	1.00	0.00
XS (24, 16)	0.00	0.00	XM (3, 25)	0.00	1.00	XM (7, 4)	0.00	0.00
XS (24, 17)	1.00	1.00	XM (3, 26)	0.00	0.00	XM (7, 5)	0.00	1.00
XS (24, 18)	1.00	0.00	XM (3, 27)	0.00	0.00	XM (7, 6)	0.00	0.00
XS (24, 19)	1.00	0.00	XM (3, 28)	0.00	0.00	XM (7, 7)	1.00	0.00
XS (24, 20)	0.00	0.00	XM (3, 29)	0.00	0.00	XM (7, 8)	0.00	0.00
XS (24, 21)	1.00	0.00	XM (3, 30)	0.00	0.00	XM (7, 9)	0.00	1.00
XS (24, 22)	0.00	0.00	XM (4, 1)	0.00	0.00	XM (7, 10)	0.00	0.00
XS (24, 23)	1.00	0.00	XM (4, 2)	0.00	0.00	XM (7, 11)	0.00	0.00
XS (24, 24)	0.00	0.00	XM (4, 3)	0.00	1.00	XM (7, 12)	0.00	0.00
XS (24, 25)	0.00	0.00	XM (4, 4)	1.00	2.00	XM (7, 13)	0.00	0.00
XS (24, 26)	0.00	0.00	XM (4, 5)	1.00	2.00	XM (7, 14)	0.00	0.00
XS (24, 27)	0.00	0.00	XM (4, 6)	1.00	2.00	XM (7, 15)	0.00	0.00
XS (24, 28)	0.00	0.00	XM (4, 7)	0.00	1.00	XM (7, 16)	0.00	0.00
XS (24, 29)	0.00	0.00	XM (4, 8)	0.00	1.00	XM (7, 17)	0.00	0.00
XS (24, 30)	0.00	1.00	XM (4, 9)	0.00	0.00	XM (7, 18)	0.00	0.00
XM (1, 1)	0.00	0.00	XM (4, 10)	0.00	0.00	XM (7, 19)	0.00	1.00
XM (1, 2)	0.00	0.00	XM (4, 11)	0.00	0.00	XM (7, 20)	0.00	0.00
XM (1, 3)	0.00	0.00	XM (4, 12)	0.00	0.00	XM (7, 21)	0.00	0.00
XM (1, 4)	0.00	0.00	XM (4, 13)	0.00	0.00	XM (7, 22)	1.00	0.00
XM (1, 5)	0.00	0.00	XM (4, 14)	0.00	0.00	XM (7, 23)	1.00	0.00
XM (1, 6)	0.00	0.00	XM (4, 15)	0.00	1.00	XM (7, 24)	0.00	0.00
XM (1, 7)	0.00	0.00	XM (4, 16)	0.00	0.00	XM (7, 25)	0.00	1.00
XM (1, 8)	0.00	0.00	XM (4, 17)	1.00	1.00	XM (7, 26)	0.00	0.00
XM (1, 9)	1.00	0.00	XM (4, 18)	1.00	1.00	XM (7, 27)	1.00	0.00
XM (1, 10)	1.00	0.00	XM (4, 19)	0.00	1.00	XM (7, 28)	0.00	0.00
XM (1, 11)	0.00	0.00	XM (4, 20)	1.00	2.00	XM (7, 29)	0.00	1.00
XM (1, 12)	0.00	1.00	XM (4, 21)	0.00	0.00	XM (7, 30)	1.00	0.00
XM (1, 13)	0.00	0.00	XM (4, 22)	0.00	1.00	XM (8, 1)	0.00	0.00
XM (1, 14)	0.00	0.00	XM (4, 23)	0.00	0.00	XM (8, 2)	0.00	0.00
XM (1, 15)	0.00	0.00	XM (4, 24)	0.00	1.00	XM (8, 3)	0.00	0.00
XM (1, 16)	0.00	0.00	XM (4, 25)	0.00	0.00	XM (8, 4)	0.00	0.00
XM (1, 17)	0.00	0.00	XM (4, 26)	0.00	0.00	XM (8, 5)	0.00	0.00
XM (1, 18)	0.00	0.00	XM (4, 27)	0.00	0.00	XM (8, 6)	0.00	1.00
XM (1, 19)	0.00	1.00	XM (4, 28)	0.00	0.00	XM (8, 7)	1.00	2.00
XM (1, 20)	0.00	0.00	XM (4, 29)	0.00	0.00	XM (8, 8)	1.00	3.00
XM (1, 21)	0.00	0.00	XM (4, 30)	0.00	0.00	XM (8, 9)	1.00	4.00
XM (1, 22)	0.00	0.00	XM (5, 1)	0.00	0.00	XM (8, 10)	0.00	4.00
XM (1, 23)	0.00	0.00	XM (5, 2)	0.00	0.00	XM (8, 11)	1.00	5.00
XM (1, 24)	1.00	2.00	XM (5, 3)	0.00	1.00	XM (8, 12)	1.00	3.00
XM (1, 25)	0.00	1.00	XM (5, 4)	0.00	0.00	XM (8, 13)	1.00	2.00
XM (1, 26)	1.00	2.00	XM (5, 5)	0.00	0.00	XM (8, 14)	0.00	1.00
XM (1, 27)	1.00	1.00	XM (5, 6)	1.00	0.00	XM (8, 15)	0.00	1.00
XM (1, 28)	0.00	0.00	XM (5, 7)	1.00	0.00	XM (8, 16)	0.00	1.00
XM (1, 29)	0.00	1.00	XM (5, 8)	0.00	0.00	XM (8, 17)	1.00	2.00
XM (1, 30)	0.00	0.00	XM (5, 9)	0.00	1.00	XM (8, 18)	1.00	2.00
XM (2, 1)	0.00	0.00	XM (5, 10)	0.00	0.00	XM (8, 19)	1.00	2.00
XM (2, 2)	0.00	0.00	XM (5, 11)	0.00	0.00	XM (8, 20)	0.00	1.00
XM (2, 3)	1.00	0.00	XM (5, 12)	1.00	0.00	XM (8, 21)	0.00	1.00
XM (2, 4)	1.00	0.00	XM (5, 13)	0.00	0.00	XM (8, 22)	0.00	0.00
XM (2, 5)	0.00	0.00	XM (5, 14)	0.00	1.00	XM (8, 23)	0.00	0.00
XM (2, 6)	0.00	1.00	XM (5, 15)	1.00	0.00	XM (8, 24)	0.00	1.00

XM(8,25)	1.00	3.00	XM(12,4)	1.00	0.00	XM(15,13)	0.00	0.00
XM(8,26)	1.00	2.00	XM(12,5)	1.00	0.00	XM(15,14)	0.00	0.00
XM(8,27)	1.00	2.00	XM(12,6)	0.00	0.00	XM(15,15)	0.00	0.00
XM(8,28)	0.00	1.00	XM(12,7)	0.00	2.00	XM(15,16)	1.00	0.00
XM(8,29)	0.00	1.00	XM(12,8)	1.00	2.00	XM(15,17)	0.00	0.00
XM(8,30)	0.00	0.00	XM(12,9)	1.00	2.00	XM(15,18)	0.00	1.00
XM(9,1)	1.00	0.00	XM(12,10)	1.00	2.00	XM(15,19)	0.00	0.00
XM(9,2)	1.00	0.00	XM(12,11)	0.00	1.00	XM(15,20)	0.00	0.00
XM(9,3)	0.00	0.00	XM(12,12)	0.00	1.00	XM(15,21)	0.00	0.00
XM(9,4)	0.00	1.00	XM(12,13)	0.00	0.00	XM(15,22)	0.00	1.00
XM(9,5)	0.00	0.00	XM(12,14)	0.00	0.00	XM(15,23)	0.00	0.00
XM(9,6)	0.00	0.00	XM(12,15)	0.00	1.00	XM(15,24)	0.00	0.00
XM(9,7)	0.00	1.00	XM(12,16)	1.00	2.00	XM(15,25)	0.00	0.00
XM(9,8)	0.00	0.00	XM(12,17)	1.00	2.00	XM(15,26)	0.00	1.00
XM(9,9)	0.00	0.00	XM(12,18)	1.00	2.00	XM(15,27)	0.00	0.00
XM(9,10)	0.00	0.00	XM(12,19)	0.00	1.00	XM(15,28)	0.00	0.00
XM(9,11)	0.00	0.00	XM(12,20)	0.00	1.00	XM(15,29)	0.00	0.00
XM(9,12)	0.00	0.00	XM(12,21)	0.00	0.00	XM(15,30)	0.00	1.00
XM(9,13)	0.00	0.00	XM(12,22)	0.00	0.00	XM(16,1)	0.00	0.00
XM(9,14)	0.00	0.00	XM(12,23)	0.00	0.00	XM(16,2)	1.00	0.00
XM(9,15)	0.00	1.00	XM(12,24)	0.00	1.00	XM(16,3)	0.00	0.00
XM(9,16)	0.00	0.00	XM(12,25)	0.00	1.00	XM(16,4)	0.00	1.00
XM(9,17)	0.00	0.00	XM(12,26)	0.00	0.00	XM(16,5)	0.00	0.00
XM(9,18)	0.00	0.00	XM(12,27)	0.00	0.00	XM(16,6)	0.00	0.00
XM(9,19)	0.00	0.00	XM(12,28)	0.00	0.00	XM(16,7)	0.00	0.00
XM(9,20)	1.00	0.00	XM(12,29)	0.00	0.00	XM(16,8)	0.00	0.00
XM(9,21)	1.00	0.00	XM(12,30)	0.00	0.00	XM(16,9)	0.00	0.00
XM(9,22)	0.00	0.00	XM(13,1)	0.00	0.00	XM(16,10)	0.00	0.00
XM(9,23)	0.00	1.00	XM(13,2)	0.00	0.00	XM(16,11)	1.00	1.00
XM(9,24)	0.00	0.00	XM(13,3)	0.00	0.00	XM(16,12)	1.00	2.00
XM(9,25)	0.00	0.00	XM(13,4)	0.00	0.00	XM(16,13)	0.00	2.00
XM(9,26)	0.00	1.00	XM(13,5)	0.00	0.00	XM(16,14)	1.00	3.00
XM(9,27)	0.00	0.00	XM(13,6)	0.00	0.00	XM(16,15)	1.00	1.00
XM(9,28)	0.00	0.00	XM(13,7)	0.00	0.00	XM(16,16)	0.00	0.00
XM(9,29)	0.00	0.00	XM(13,8)	1.00	0.00	XM(16,17)	0.00	1.00
XM(9,30)	0.00	0.00	XM(13,9)	1.00	0.00	XM(16,18)	0.00	0.00
XM(10,1)	0.00	0.00	XM(13,10)	0.00	0.00	XM(16,19)	0.00	0.00
XM(10,2)	0.00	0.00	XM(13,11)	0.00	1.00	XM(16,20)	0.00	0.00
XM(10,3)	0.00	0.00	XM(13,12)	0.00	0.00	XM(16,21)	0.00	0.00
XM(10,4)	0.00	0.00	XM(13,13)	0.00	0.00	XM(16,22)	1.00	1.00
XM(10,5)	0.00	0.00	XM(13,14)	0.00	0.00	XM(16,23)	0.00	2.00
XM(10,6)	0.00	0.00	XM(13,15)	0.00	0.00	XM(16,24)	1.00	4.00
XM(10,7)	0.00	0.00	XM(13,16)	0.00	1.00	XM(16,25)	1.00	4.00
XM(10,8)	0.00	1.00	XM(13,17)	1.00	1.00	XM(16,26)	1.00	4.00
XM(10,9)	0.00	0.00	XM(13,18)	0.00	2.00	XM(16,27)	0.00	4.00
XM(10,10)	0.00	0.00	XM(13,19)	1.00	4.00	XM(16,28)	1.00	4.00
XM(10,11)	0.00	0.00	XM(13,20)	1.00	3.00	XM(16,29)	1.00	2.00
XM(10,12)	0.00	1.00	XM(13,21)	1.00	2.00	XM(16,30)	1.00	1.00
XM(10,13)	0.00	0.00	XM(13,22)	0.00	1.00	XM(17,1)	0.00	0.00
XM(10,14)	0.00	0.00	XM(13,23)	0.00	1.00	XM(17,2)	0.00	0.00
XM(10,15)	0.00	0.00	XM(13,24)	0.00	0.00	XM(17,3)	0.00	0.00
XM(10,16)	0.00	0.00	XM(13,25)	0.00	0.00	XM(17,4)	1.00	0.00
XM(10,17)	0.00	0.00	XM(13,26)	0.00	0.00	XM(17,5)	1.00	0.00
XM(10,18)	0.00	0.00	XM(13,27)	1.00	1.00	XM(17,6)	0.00	0.00
XM(10,19)	1.00	0.00	XM(13,28)	0.00	1.00	XM(17,7)	0.00	1.00
XM(10,20)	1.00	0.00	XM(13,29)	1.00	2.00	XM(17,8)	0.00	0.00
XM(10,21)	0.00	0.00	XM(13,30)	1.00	1.00	XM(17,9)	1.00	0.00
XM(10,22)	0.00	1.00	XM(14,1)	0.00	0.00	XM(17,10)	1.00	0.00
XM(10,23)	1.00	0.00	XM(14,2)	0.00	0.00	XM(17,11)	0.00	0.00
XM(10,24)	1.00	0.00	XM(14,3)	0.00	0.00	XM(17,12)	0.00	1.00
XM(10,25)	0.00	0.00	XM(14,4)	0.00	1.00	XM(17,13)	0.00	0.00
XM(10,26)	0.00	1.00	XM(14,5)	0.00	0.00	XM(17,14)	0.00	0.00
XM(10,27)	0.00	0.00	XM(14,6)	1.00	0.00	XM(17,15)	0.00	0.00
XM(10,28)	1.00	0.00	XM(14,7)	0.00	0.00	XM(17,16)	0.00	0.00
XM(10,29)	0.00	0.00	XM(14,8)	0.00	1.00	XM(17,17)	1.00	1.00
XM(10,30)	1.00	1.00	XM(14,9)	0.00	0.00	XM(17,18)	0.00	2.00
XM(11,1)	1.00	0.00	XM(14,10)	0.00	0.00	XM(17,19)	1.00	4.00
XM(11,2)	1.00	0.00	XM(14,11)	0.00	0.00	XM(17,20)	1.00	3.00
XM(11,3)	0.00	0.00	XM(14,12)	0.00	1.00	XM(17,21)	1.00	2.00
XM(11,4)	0.00	1.00	XM(14,13)	1.00	2.00	XM(17,22)	0.00	1.00
XM(11,5)	0.00	0.00	XM(14,14)	1.00	2.00	XM(17,23)	0.00	1.00
XM(11,6)	0.00	1.00	XM(14,15)	1.00	2.00	XM(17,24)	0.00	0.00
XM(11,7)	1.00	2.00	XM(14,16)	0.00	1.00	XM(17,25)	0.00	0.00
XM(11,8)	1.00	2.00	XM(14,17)	0.00	1.00	XM(17,26)	1.00	1.00
XM(11,9)	1.00	2.00	XM(14,18)	0.00	0.00	XM(17,27)	0.00	2.00
XM(11,10)	0.00	1.00	XM(14,19)	0.00	0.00	XM(17,28)	1.00	3.00
XM(11,11)	0.00	1.00	XM(14,20)	1.00	1.00	XM(17,29)	1.00	2.00
XM(11,12)	1.00	0.00	XM(14,21)	1.00	2.00	XM(17,30)	1.00	1.00
XM(11,13)	0.00	0.00	XM(14,22)	0.00	3.00	XM(18,1)	1.00	1.00
XM(11,14)	0.00	1.00	XM(14,23)	1.00	5.00	XM(18,2)	1.00	1.00
XM(11,15)	0.00	0.00	XM(14,24)	1.00	3.00	XM(18,3)	1.00	1.00
XM(11,16)	1.00	0.00	XM(14,25)	1.00	2.00	XM(18,4)	0.00	1.00
XM(11,17)	1.00	0.00	XM(14,26)	0.00	1.00	XM(18,5)	0.00	1.00
XM(11,18)	0.00	0.00	XM(14,27)	0.00	1.00	XM(18,6)	0.00	0.00
XM(11,19)	0.00	1.00	XM(14,28)	0.00	0.00	XM(18,7)	0.00	1.00
XM(11,20)	0.00	0.00	XM(14,29)	0.00	0.00	XM(18,8)	0.00	0.00
XM(11,21)	0.00	0.00	XM(14,30)	0.00	0.00	XM(18,9)	1.00	0.00
XM(11,22)	1.00	0.00	XM(15,1)	0.00	0.00	XM(18,10)	1.00	0.00
XM(11,23)	1.00	0.00	XM(15,2)	0.00	0.00	XM(18,11)	0.00	0.00
XM(11,24)	0.00	0.00	XM(15,3)	0.00	0.00	XM(18,12)	0.00	1.00
XM(11,25)	0.00	1.00	XM(15,4)	0.00	0.00	XM(18,13)	0.00	0.00
XM(11,26)	0.00	0.00	XM(15,5)	0.00	0.00	XM(18,14)	0.00	0.00
XM(11,27)	0.00	0.00	XM(15,6)	0.00	0.00	XM(18,15)	0.00	0.00
XM(11,28)	0.00	0.00	XM(15,7)	1.00	0.00	XM(18,16)	0.00	1.00
XM(11,29)	0.00	0.00	XM(15,8)	1.00	0.00	XM(18,17)	0.00	0.00
XM(11,30)	1.00	0.00	XM(15,9)	0.00	0.00	XM(18,18)	0.00	0.00
XM(12,1)	0.00	0.00	XM(15,10)	0.00	1.00	XM(18,19)	0.00	0.00
XM(12,2)	0.00	0.00	XM(15,11)	0.00	0.00	XM(18,20)	0.00	0.00
XM(12,3)	0.00	0.00	XM(15,12)	0.00	0.00	XM(18,21)	0.00	0.00

XM(18,22)	0.00	0.00	XM(22,1)	0.00	0.00	XL(1,10)	0.00	0.00
XM(18,23)	1.00	0.00	XM(22,2)	0.00	0.00	XL(1,11)	1.00	1.00
XM(18,24)	0.00	0.00	XM(22,3)	0.00	0.00	XL(1,12)	0.00	1.00
XM(18,25)	0.00	1.00	XM(22,4)	0.00	0.00	XL(1,13)	0.00	0.00
XM(18,26)	0.00	0.00	XM(22,5)	0.00	0.00	XL(1,14)	0.00	0.00
XM(18,27)	0.00	0.00	XM(22,6)	1.00	0.00	XL(1,15)	0.00	0.00
XM(18,28)	0.00	0.00	XM(22,7)	0.00	0.00	XL(1,16)	0.00	0.00
XM(18,29)	0.00	0.00	XM(22,8)	0.00	1.00	XL(1,17)	0.00	0.00
XM(18,30)	0.00	0.00	XM(22,9)	0.00	0.00	XL(1,18)	1.00	1.00
XM(19,1)	0.00	0.00	XM(22,10)	1.00	0.00	XL(1,19)	0.00	1.00
XM(19,2)	0.00	0.00	XM(22,11)	1.00	0.00	XL(1,20)	0.00	0.00
XM(19,3)	0.00	0.00	XM(22,12)	0.00	0.00	XL(1,21)	0.00	0.00
XM(19,4)	1.00	0.00	XM(22,13)	0.00	2.00	XL(1,22)	0.00	0.00
XM(19,5)	1.00	0.00	XM(22,14)	1.00	2.00	XL(1,23)	1.00	1.00
XM(19,6)	0.00	0.00	XM(22,15)	1.00	2.00	XL(1,24)	0.00	1.00
XM(19,7)	0.00	1.00	XM(22,16)	1.00	2.00	XL(1,25)	1.00	1.00
XM(19,8)	0.00	0.00	XM(22,17)	0.00	1.00	XL(1,26)	0.00	1.00
XM(19,9)	0.00	0.00	XM(22,18)	0.00	1.00	XL(1,27)	0.00	0.00
XM(19,10)	0.00	0.00	XM(22,19)	0.00	0.00	XL(1,28)	1.00	1.00
XM(19,11)	0.00	1.00	XM(22,20)	0.00	1.00	XL(1,29)	0.00	1.00
XM(19,12)	1.00	2.00	XM(22,21)	0.00	0.00	XL(1,30)	0.00	0.00
XM(19,13)	1.00	2.00	XM(22,22)	0.00	0.00	XL(2,1)	0.00	0.00
XM(19,14)	1.00	2.00	XM(22,23)	0.00	0.00	XL(2,2)	0.00	0.00
XM(19,15)	0.00	1.00	XM(22,24)	0.00	0.00	XL(2,3)	0.00	0.00
XM(19,16)	0.00	1.00	XM(22,25)	0.00	0.00	XL(2,4)	0.00	0.00
XM(19,17)	0.00	0.00	XM(22,26)	0.00	0.00	XL(2,5)	1.00	1.00
XM(19,18)	0.00	0.00	XM(22,27)	0.00	0.00	XL(2,6)	0.00	1.00
XM(19,19)	0.00	0.00	XM(22,28)	1.00	0.00	XL(2,7)	0.00	0.00
XM(19,20)	0.00	0.00	XM(22,29)	0.00	0.00	XL(2,8)	0.00	0.00
XM(19,21)	0.00	0.00	XM(22,30)	1.00	1.00	XL(2,9)	0.00	0.00
XM(19,22)	0.00	0.00	XM(23,1)	0.00	0.00	XL(2,10)	0.00	0.00
XM(19,23)	0.00	0.00	XM(23,2)	0.00	1.00	XL(2,11)	0.00	0.00
XM(19,24)	0.00	0.00	XM(23,3)	1.00	2.00	XL(2,12)	0.00	0.00
XM(19,25)	0.00	1.00	XM(23,4)	1.00	2.00	XL(2,13)	1.00	1.00
XM(19,26)	0.00	0.00	XM(23,5)	1.00	2.00	XL(2,14)	0.00	1.00
XM(19,27)	0.00	0.00	XM(23,6)	0.00	1.00	XL(2,15)	0.00	0.00
XM(19,28)	1.00	1.00	XM(23,7)	0.00	1.00	XL(2,16)	0.00	0.00
XM(19,29)	1.00	0.00	XM(23,8)	0.00	0.00	XL(2,17)	0.00	0.00
XM(19,30)	0.00	0.00	XM(23,9)	1.00	0.00	XL(2,18)	1.00	1.00
XM(20,1)	0.00	0.00	XM(23,10)	0.00	0.00	XL(2,19)	0.00	1.00
XM(20,2)	0.00	0.00	XM(23,11)	0.00	1.00	XL(2,20)	0.00	0.00
XM(20,3)	0.00	0.00	XM(23,12)	0.00	0.00	XL(2,21)	1.00	1.00
XM(20,4)	0.00	0.00	XM(23,13)	0.00	0.00	XL(2,22)	0.00	1.00
XM(20,5)	0.00	0.00	XM(23,14)	0.00	0.00	XL(2,23)	0.00	0.00
XM(20,6)	0.00	0.00	XM(23,15)	0.00	0.00	XL(2,24)	0.00	0.00
XM(20,7)	0.00	0.00	XM(23,16)	0.00	1.00	XL(2,25)	1.00	1.00
XM(20,8)	0.00	0.00	XM(23,17)	1.00	0.00	XL(2,26)	0.00	1.00
XM(20,9)	0.00	1.00	XM(23,18)	1.00	0.00	XL(2,27)	0.00	0.00
XM(20,10)	1.00	2.00	XM(23,19)	0.00	0.00	XL(2,28)	0.00	0.00
XM(20,11)	1.00	2.00	XM(23,20)	0.00	1.00	XL(2,29)	0.00	0.00
XM(20,12)	1.00	2.00	XM(23,21)	1.00	0.00	XL(2,30)	0.00	0.00
XM(20,13)	0.00	1.00	XM(23,22)	0.00	0.00	XL(3,1)	0.00	0.00
XM(20,14)	0.00	1.00	XM(23,23)	0.00	1.00	XL(3,2)	1.00	1.00
XM(20,15)	0.00	1.00	XM(23,24)	0.00	0.00	XL(3,3)	0.00	1.00
XM(20,16)	1.00	2.00	XM(23,25)	0.00	0.00	XL(3,4)	0.00	0.00
XM(20,17)	1.00	3.00	XM(23,26)	0.00	0.00	XL(3,5)	0.00	0.00
XM(20,18)	1.00	4.00	XM(23,27)	0.00	1.00	XL(3,6)	1.00	1.00
XM(20,19)	0.00	4.00	XM(23,28)	1.00	1.00	XL(3,7)	0.00	1.00
XM(20,20)	1.00	5.00	XM(23,29)	1.00	1.00	XL(3,8)	0.00	0.00
XM(20,21)	1.00	4.00	XM(23,30)	1.00	1.00	XL(3,9)	0.00	0.00
XM(20,22)	1.00	4.00	XM(24,1)	1.00	1.00	XL(3,10)	0.00	0.00
XM(20,23)	0.00	3.00	XM(24,2)	1.00	1.00	XL(3,11)	0.00	0.00
XM(20,24)	1.00	3.00	XM(24,3)	1.00	1.00	XL(3,12)	0.00	0.00
XM(20,25)	1.00	1.00	XM(24,4)	0.00	1.00	XL(3,13)	0.00	0.00
XM(20,26)	0.00	0.00	XM(24,5)	0.00	1.00	XL(3,14)	0.00	0.00
XM(20,27)	0.00	1.00	XM(24,6)	0.00	0.00	XL(3,15)	1.00	1.00
XM(20,28)	0.00	0.00	XM(24,7)	0.00	0.00	XL(3,16)	0.00	1.00
XM(20,29)	0.00	0.00	XM(24,8)	0.00	0.00	XL(3,17)	0.00	0.00
XM(20,30)	0.00	1.00	XM(24,9)	0.00	0.00	XL(3,18)	0.00	0.00
XM(21,1)	0.00	0.00	XM(24,10)	0.00	0.00	XL(3,19)	1.00	1.00
XM(21,2)	0.00	0.00	XM(24,11)	0.00	0.00	XL(3,20)	0.00	1.00
XM(21,3)	0.00	0.00	XM(24,12)	1.00	2.00	XL(3,21)	0.00	0.00
XM(21,4)	0.00	0.00	XM(24,13)	0.00	1.00	XL(3,22)	0.00	0.00
XM(21,5)	0.00	0.00	XM(24,14)	1.00	2.00	XL(3,23)	0.00	0.00
XM(21,6)	0.00	0.00	XM(24,15)	1.00	1.00	XL(3,24)	1.00	1.00
XM(21,7)	1.00	1.00	XM(24,16)	0.00	0.00	XL(3,25)	0.00	1.00
XM(21,8)	0.00	1.00	XM(24,17)	0.00	1.00	XL(3,26)	0.00	0.00
XM(21,9)	1.00	2.00	XM(24,18)	0.00	0.00	XL(3,27)	0.00	0.00
XM(21,10)	1.00	1.00	XM(24,19)	0.00	0.00	XL(3,28)	0.00	0.00
XM(21,11)	0.00	0.00	XM(24,20)	0.00	0.00	XL(3,29)	0.00	0.00
XM(21,12)	0.00	1.00	XM(24,21)	0.00	0.00	XL(3,30)	0.00	0.00
XM(21,13)	0.00	0.00	XM(24,22)	0.00	0.00	XL(4,1)	0.00	0.00
XM(21,14)	0.00	0.00	XM(24,23)	0.00	0.00	XL(4,2)	0.00	0.00
XM(21,15)	0.00	0.00	XM(24,24)	0.00	0.00	XL(4,3)	0.00	0.00
XM(21,16)	0.00	0.00	XM(24,25)	0.00	0.00	XL(4,4)	0.00	0.00
XM(21,17)	0.00	0.00	XM(24,26)	0.00	0.00	XL(4,5)	0.00	0.00
XM(21,18)	0.00	0.00	XM(24,27)	1.00	0.00	XL(4,6)	0.00	0.00
XM(21,19)	0.00	0.00	XM(24,28)	1.00	0.00	XL(4,7)	1.00	1.00
XM(21,20)	0.00	0.00	XM(24,29)	0.00	0.00	XL(4,8)	0.00	1.00
XM(21,21)	0.00	0.00	XM(24,30)	0.00	1.00	XL(4,9)	0.00	0.00
XM(21,22)	0.00	0.00	XL(1,1)	0.00	0.00	XL(4,10)	0.00	0.00
XM(21,23)	0.00	0.00	XL(1,2)	0.00	0.00	XL(4,11)	0.00	0.00
XM(21,24)	0.00	1.00	XL(1,3)	0.00	0.00	XL(4,12)	0.00	0.00
XM(21,25)	1.00	1.00	XL(1,4)	0.00	0.00	XL(4,13)	0.00	0.00
XM(21,26)	1.00	1.00	XL(1,5)	0.00	0.00	XL(4,14)	1.00	1.00
XM(21,27)	0.00	1.00	XL(1,6)	0.00	0.00	XL(4,15)	0.00	1.00
XM(21,28)	1.00	2.00	XL(1,7)	0.00	0.00	XL(4,16)	0.00	0.00
XM(21,29)	0.00	0.00	XL(1,8)	0.00	0.00	XL(4,17)	0.00	0.00
XM(21,30)	0.00	1.00	XL(1,9)	0.00	0.00	XL(4,18)	0.00	0.00

XL(4,19)	1.00	1.00	XL(7,28)	1.00	1.00	XL(11,7)	0.00	0.00
XL(4,20)	0.00	1.00	XL(7,29)	0.00	1.00	XL(11,8)	0.00	0.00
XL(4,21)	1.00	1.00	XL(7,30)	0.00	0.00	XL(11,9)	0.00	0.00
XL(4,22)	0.00	1.00	XL(8,1)	0.00	0.00	XL(11,10)	1.00	1.00
XL(4,23)	1.00	1.00	XL(8,2)	0.00	0.00	XL(11,11)	0.00	1.00
XL(4,24)	0.00	1.00	XL(8,3)	0.00	0.00	XL(11,12)	0.00	0.00
XL(4,25)	0.00	0.00	XL(8,4)	0.00	0.00	XL(11,13)	1.00	1.00
XL(4,26)	0.00	0.00	XL(8,5)	0.00	0.00	XL(11,14)	0.00	1.00
XL(4,27)	0.00	0.00	XL(8,6)	0.00	0.00	XL(11,15)	0.00	0.00
XL(4,28)	0.00	0.00	XL(8,7)	0.00	0.00	XL(11,16)	0.00	0.00
XL(4,29)	0.00	0.00	XL(8,8)	0.00	0.00	XL(11,17)	0.00	0.00
XL(4,30)	0.00	0.00	XL(8,9)	0.00	0.00	XL(11,18)	1.00	1.00
XL(5,1)	0.00	0.00	XL(8,10)	1.00	1.00	XL(11,19)	0.00	1.00
XL(5,2)	1.00	1.00	XL(8,11)	0.00	1.00	XL(11,20)	0.00	0.00
XL(5,3)	0.00	1.00	XL(8,12)	0.00	0.00	XL(11,21)	0.00	0.00
XL(5,4)	0.00	0.00	XL(8,13)	0.00	0.00	XL(11,22)	0.00	0.00
XL(5,5)	0.00	0.00	XL(8,14)	1.00	1.00	XL(11,23)	0.00	0.00
XL(5,6)	0.00	0.00	XL(8,15)	0.00	1.00	XL(11,24)	1.00	1.00
XL(5,7)	0.00	0.00	XL(8,16)	0.00	0.00	XL(11,25)	0.00	1.00
XL(5,8)	1.00	1.00	XL(8,17)	0.00	0.00	XL(11,26)	0.00	0.00
XL(5,9)	0.00	1.00	XL(8,18)	0.00	0.00	XL(11,27)	0.00	0.00
XL(5,10)	0.00	0.00	XL(8,19)	0.00	0.00	XL(11,28)	0.00	0.00
XL(5,11)	0.00	0.00	XL(8,20)	1.00	1.00	XL(11,29)	0.00	0.00
XL(5,12)	0.00	0.00	XL(8,21)	0.00	1.00	XL(11,30)	0.00	0.00
XL(5,13)	1.00	1.00	XL(8,22)	0.00	0.00	XL(12,1)	0.00	0.00
XL(5,14)	0.00	1.00	XL(8,23)	0.00	0.00	XL(12,2)	0.00	0.00
XL(5,15)	0.00	0.00	XL(8,24)	1.00	1.00	XL(12,3)	0.00	0.00
XL(5,16)	1.00	1.00	XL(8,25)	0.00	1.00	XL(12,4)	0.00	0.00
XL(5,17)	0.00	1.00	XL(8,26)	0.00	0.00	XL(12,5)	0.00	0.00
XL(5,18)	0.00	0.00	XL(8,27)	0.00	0.00	XL(12,6)	1.00	1.00
XL(5,19)	0.00	0.00	XL(8,28)	1.00	1.00	XL(12,7)	0.00	1.00
XL(5,20)	0.00	0.00	XL(8,29)	0.00	1.00	XL(12,8)	0.00	0.00
XL(5,21)	0.00	0.00	XL(8,30)	0.00	0.00	XL(12,9)	0.00	0.00
XL(5,22)	0.00	0.00	XL(9,1)	0.00	0.00	XL(12,10)	0.00	0.00
XL(5,23)	1.00	1.00	XL(9,2)	0.00	0.00	XL(12,11)	1.00	1.00
XL(5,24)	0.00	1.00	XL(9,3)	1.00	1.00	XL(12,12)	0.00	1.00
XL(5,25)	0.00	0.00	XL(9,4)	0.00	1.00	XL(12,13)	0.00	0.00
XL(5,26)	0.00	0.00	XL(9,5)	0.00	0.00	XL(12,14)	0.00	0.00
XL(5,27)	0.00	0.00	XL(9,6)	1.00	1.00	XL(12,15)	0.00	0.00
XL(5,28)	0.00	0.00	XL(9,7)	0.00	1.00	XL(12,16)	0.00	0.00
XL(5,29)	0.00	0.00	XL(9,8)	0.00	0.00	XL(12,17)	0.00	0.00
XL(5,30)	0.00	0.00	XL(9,9)	0.00	0.00	XL(12,18)	0.00	0.00
XL(6,1)	0.00	0.00	XL(9,10)	0.00	0.00	XL(12,19)	1.00	1.00
XL(6,2)	0.00	0.00	XL(9,11)	0.00	0.00	XL(12,20)	0.00	1.00
XL(6,3)	1.00	1.00	XL(9,12)	0.00	0.00	XL(12,21)	0.00	0.00
XL(6,4)	0.00	1.00	XL(9,13)	0.00	0.00	XL(12,22)	0.00	0.00
XL(6,5)	0.00	0.00	XL(9,14)	1.00	1.00	XL(12,23)	1.00	1.00
XL(6,6)	0.00	0.00	XL(9,15)	0.00	1.00	XL(12,24)	1.00	2.00
XL(6,7)	0.00	0.00	XL(9,16)	0.00	0.00	XL(12,25)	0.00	1.00
XL(6,8)	1.00	1.00	XL(9,17)	0.00	0.00	XL(12,26)	0.00	0.00
XL(6,9)	0.00	1.00	XL(9,18)	0.00	0.00	XL(12,27)	0.00	0.00
XL(6,10)	0.00	0.00	XL(9,19)	0.00	0.00	XL(12,28)	0.00	0.00
XL(6,11)	0.00	0.00	XL(9,20)	0.00	0.00	XL(12,29)	0.00	0.00
XL(6,12)	0.00	0.00	XL(9,21)	0.00	0.00	XL(12,30)	0.00	0.00
XL(6,13)	0.00	0.00	XL(9,22)	1.00	1.00	XL(13,1)	0.00	0.00
XL(6,14)	1.00	1.00	XL(9,23)	0.00	1.00	XL(13,2)	0.00	0.00
XL(6,15)	0.00	1.00	XL(9,24)	0.00	0.00	XL(13,3)	0.00	0.00
XL(6,16)	1.00	1.00	XL(9,25)	1.00	1.00	XL(13,4)	0.00	0.00
XL(6,17)	0.00	1.00	XL(9,26)	0.00	1.00	XL(13,5)	0.00	0.00
XL(6,18)	0.00	0.00	XL(9,27)	0.00	0.00	XL(13,6)	0.00	0.00
XL(6,19)	0.00	0.00	XL(9,28)	0.00	0.00	XL(13,7)	0.00	0.00
XL(6,20)	0.00	0.00	XL(9,29)	0.00	0.00	XL(13,8)	0.00	0.00
XL(6,21)	0.00	0.00	XL(9,30)	0.00	0.00	XL(13,9)	0.00	0.00
XL(6,22)	0.00	0.00	XL(10,1)	0.00	0.00	XL(13,10)	1.00	1.00
XL(6,23)	0.00	0.00	XL(10,2)	0.00	0.00	XL(13,11)	0.00	1.00
XL(6,24)	0.00	0.00	XL(10,3)	0.00	0.00	XL(13,12)	0.00	0.00
XL(6,25)	1.00	1.00	XL(10,4)	0.00	0.00	XL(13,13)	0.00	0.00
XL(6,26)	0.00	1.00	XL(10,5)	0.00	0.00	XL(13,14)	0.00	0.00
XL(6,27)	0.00	0.00	XL(10,6)	0.00	0.00	XL(13,15)	1.00	1.00
XL(6,28)	0.00	0.00	XL(10,7)	1.00	1.00	XL(13,16)	0.00	1.00
XL(6,29)	0.00	0.00	XL(10,8)	0.00	1.00	XL(13,17)	0.00	0.00
XL(6,30)	0.00	0.00	XL(10,9)	0.00	0.00	XL(13,18)	1.00	1.00
XL(7,1)	0.00	0.00	XL(10,10)	0.00	0.00	XL(13,19)	0.00	1.00
XL(7,2)	0.00	0.00	XL(10,11)	1.00	1.00	XL(13,20)	0.00	0.00
XL(7,3)	0.00	0.00	XL(10,12)	0.00	1.00	XL(13,21)	0.00	0.00
XL(7,4)	1.00	1.00	XL(10,13)	0.00	0.00	XL(13,22)	1.00	1.00
XL(7,5)	0.00	1.00	XL(10,14)	0.00	0.00	XL(13,23)	0.00	1.00
XL(7,6)	0.00	0.00	XL(10,15)	0.00	0.00	XL(13,24)	0.00	0.00
XL(7,7)	0.00	0.00	XL(10,16)	0.00	0.00	XL(13,25)	0.00	0.00
XL(7,8)	1.00	1.00	XL(10,17)	0.00	0.00	XL(13,26)	0.00	0.00
XL(7,9)	0.00	1.00	XL(10,18)	0.00	0.00	XL(13,27)	0.00	0.00
XL(7,10)	0.00	0.00	XL(10,19)	0.00	0.00	XL(13,28)	1.00	1.00
XL(7,11)	0.00	0.00	XL(10,20)	0.00	0.00	XL(13,29)	0.00	1.00
XL(7,12)	0.00	0.00	XL(10,21)	1.00	1.00	XL(13,30)	0.00	0.00
XL(7,13)	0.00	0.00	XL(10,22)	0.00	1.00	XL(14,1)	0.00	0.00
XL(7,14)	0.00	0.00	XL(10,23)	0.00	0.00	XL(14,2)	0.00	0.00
XL(7,15)	0.00	0.00	XL(10,24)	0.00	0.00	XL(14,3)	1.00	1.00
XL(7,16)	0.00	0.00	XL(10,25)	1.00	1.00	XL(14,4)	0.00	1.00
XL(7,17)	0.00	0.00	XL(10,26)	0.00	1.00	XL(14,5)	0.00	0.00
XL(7,18)	1.00	1.00	XL(10,27)	0.00	0.00	XL(14,6)	0.00	0.00
XL(7,19)	0.00	1.00	XL(10,28)	0.00	0.00	XL(14,7)	1.00	1.00
XL(7,20)	0.00	0.00	XL(10,29)	1.00	1.00	XL(14,8)	0.00	1.00
XL(7,21)	0.00	0.00	XL(10,30)	0.00	1.00	XL(14,9)	0.00	0.00
XL(7,22)	0.00	0.00	XL(11,1)	0.00	0.00	XL(14,10)	0.00	0.00
XL(7,23)	0.00	0.00	XL(11,2)	0.00	0.00	XL(14,11)	0.00	0.00
XL(7,24)	1.00	1.00	XL(11,3)	1.00	1.00	XL(14,12)	0.00	0.00
XL(7,25)	0.00	1.00	XL(11,4)	0.00	1.00	XL(14,13)	0.00	0.00
XL(7,26)	0.00	0.00	XL(11,5)	0.00	0.00	XL(14,14)	0.00	0.00
XL(7,27)	0.00	0.00	XL(11,6)	0.00	0.00	XL(14,15)	0.00	0.00

XL(14,16)	1.00	1.00	XL(17,25)	0.00	0.00	XL(21,4)	0.00	0.00
XL(14,17)	0.00	1.00	XL(17,26)	0.00	0.00	XL(21,5)	0.00	0.00
XL(14,18)	0.00	0.00	XL(17,27)	1.00	1.00	XL(21,6)	0.00	0.00
XL(14,19)	0.00	0.00	XL(17,28)	0.00	1.00	XL(21,7)	0.00	0.00
XL(14,20)	0.00	0.00	XL(17,29)	0.00	0.00	XL(21,8)	1.00	1.00
XL(14,21)	0.00	0.00	XL(17,30)	0.00	0.00	XL(21,9)	0.00	1.00
XL(14,22)	1.00	1.00	XL(18,1)	0.00	0.00	XL(21,10)	0.00	0.00
XL(14,23)	0.00	1.00	XL(18,2)	0.00	0.00	XL(21,11)	1.00	1.00
XL(14,24)	0.00	0.00	XL(18,3)	0.00	0.00	XL(21,12)	0.00	1.00
XL(14,25)	0.00	0.00	XL(18,4)	1.00	1.00	XL(21,13)	0.00	0.00
XL(14,26)	1.00	1.00	XL(18,5)	0.00	1.00	XL(21,14)	0.00	0.00
XL(14,27)	0.00	1.00	XL(18,6)	1.00	1.00	XL(21,15)	0.00	0.00
XL(14,28)	0.00	0.00	XL(18,7)	0.00	1.00	XL(21,16)	0.00	0.00
XL(14,29)	0.00	0.00	XL(18,8)	0.00	0.00	XL(21,17)	0.00	0.00
XL(14,30)	0.00	0.00	XL(18,9)	0.00	0.00	XL(21,18)	0.00	0.00
XL(15,1)	0.00	0.00	XL(18,10)	0.00	0.00	XL(21,19)	0.00	0.00
XL(15,2)	0.00	0.00	XL(18,11)	1.00	1.00	XL(21,20)	0.00	0.00
XL(15,3)	0.00	0.00	XL(18,12)	0.00	1.00	XL(21,21)	0.00	0.00
XL(15,4)	0.00	0.00	XL(18,13)	0.00	0.00	XL(21,22)	0.00	0.00
XL(15,5)	0.00	0.00	XL(18,14)	0.00	0.00	XL(21,23)	1.00	1.00
XL(15,6)	0.00	0.00	XL(18,15)	1.00	1.00	XL(21,24)	0.00	1.00
XL(15,7)	0.00	0.00	XL(18,16)	0.00	1.00	XL(21,25)	0.00	0.00
XL(15,8)	0.00	0.00	XL(18,17)	0.00	0.00	XL(21,26)	0.00	0.00
XL(15,9)	1.00	1.00	XL(18,18)	0.00	0.00	XL(21,27)	1.00	1.00
XL(15,10)	0.00	1.00	XL(18,19)	0.00	0.00	XL(21,28)	0.00	1.00
XL(15,11)	0.00	0.00	XL(18,20)	0.00	0.00	XL(21,29)	1.00	1.00
XL(15,12)	0.00	0.00	XL(18,21)	0.00	0.00	XL(21,30)	0.00	1.00
XL(15,13)	0.00	0.00	XL(18,22)	0.00	0.00	XL(22,1)	0.00	0.00
XL(15,14)	0.00	0.00	XL(18,23)	0.00	0.00	XL(22,2)	0.00	0.00
XL(15,15)	0.00	0.00	XL(18,24)	1.00	1.00	XL(22,3)	0.00	0.00
XL(15,16)	0.00	0.00	XL(18,25)	0.00	1.00	XL(22,4)	0.00	0.00
XL(15,17)	1.00	1.00	XL(18,26)	0.00	0.00	XL(22,5)	0.00	0.00
XL(15,18)	0.00	1.00	XL(18,27)	0.00	0.00	XL(22,6)	0.00	0.00
XL(15,19)	0.00	0.00	XL(18,28)	0.00	0.00	XL(22,7)	1.00	1.00
XL(15,20)	0.00	0.00	XL(18,29)	0.00	0.00	XL(22,8)	0.00	1.00
XL(15,21)	1.00	1.00	XL(18,30)	0.00	0.00	XL(22,9)	0.00	0.00
XL(15,22)	0.00	1.00	XL(19,1)	0.00	0.00	XL(22,10)	0.00	0.00
XL(15,23)	0.00	0.00	XL(19,2)	0.00	0.00	XL(22,11)	0.00	0.00
XL(15,24)	0.00	0.00	XL(19,3)	0.00	0.00	XL(22,12)	1.00	1.00
XL(15,25)	1.00	1.00	XL(19,4)	0.00	0.00	XL(22,13)	0.00	1.00
XL(15,26)	0.00	1.00	XL(19,5)	0.00	0.00	XL(22,14)	0.00	0.00
XL(15,27)	0.00	0.00	XL(19,6)	1.00	1.00	XL(22,15)	0.00	0.00
XL(15,28)	0.00	0.00	XL(19,7)	0.00	1.00	XL(22,16)	0.00	0.00
XL(15,29)	1.00	1.00	XL(19,8)	0.00	0.00	XL(22,17)	1.00	1.00
XL(15,30)	0.00	1.00	XL(19,9)	0.00	0.00	XL(22,18)	0.00	1.00
XL(16,1)	0.00	0.00	XL(19,10)	0.00	0.00	XL(22,19)	1.00	1.00
XL(16,2)	0.00	0.00	XL(19,11)	0.00	0.00	XL(22,20)	0.00	1.00
XL(16,3)	1.00	1.00	XL(19,12)	0.00	0.00	XL(22,21)	0.00	0.00
XL(16,4)	0.00	1.00	XL(19,13)	0.00	0.00	XL(22,22)	0.00	0.00
XL(16,5)	0.00	0.00	XL(19,14)	0.00	0.00	XL(22,23)	0.00	0.00
XL(16,6)	0.00	0.00	XL(19,15)	1.00	1.00	XL(22,24)	0.00	0.00
XL(16,7)	0.00	0.00	XL(19,16)	0.00	1.00	XL(22,25)	0.00	0.00
XL(16,8)	0.00	0.00	XL(19,17)	0.00	0.00	XL(22,26)	0.00	0.00
XL(16,9)	0.00	0.00	XL(19,18)	0.00	0.00	XL(22,27)	0.00	0.00
XL(16,10)	0.00	0.00	XL(19,19)	0.00	0.00	XL(22,28)	0.00	0.00
XL(16,11)	0.00	0.00	XL(19,20)	0.00	0.00	XL(22,29)	1.00	1.00
XL(16,12)	0.00	0.00	XL(19,21)	0.00	0.00	XL(22,30)	0.00	1.00
XL(16,13)	1.00	1.00	XL(19,22)	0.00	0.00	XL(23,1)	0.00	0.00
XL(16,14)	0.00	1.00	XL(19,23)	0.00	0.00	XL(23,2)	0.00	0.00
XL(16,15)	0.00	0.00	XL(19,24)	1.00	1.00	XL(23,3)	0.00	0.00
XL(16,16)	1.00	1.00	XL(19,25)	0.00	1.00	XL(23,4)	0.00	0.00
XL(16,17)	0.00	1.00	XL(19,26)	0.00	0.00	XL(23,5)	0.00	0.00
XL(16,18)	0.00	0.00	XL(19,27)	1.00	1.00	XL(23,6)	1.00	1.00
XL(16,19)	0.00	0.00	XL(19,28)	0.00	1.00	XL(23,7)	0.00	1.00
XL(16,20)	0.00	0.00	XL(19,29)	0.00	0.00	XL(23,8)	0.00	0.00
XL(16,21)	0.00	0.00	XL(19,30)	1.00	0.00	XL(23,9)	0.00	0.00
XL(16,22)	0.00	0.00	XL(20,1)	0.00	0.00	XL(23,10)	1.00	1.00
XL(16,23)	1.00	1.00	XL(20,2)	0.00	0.00	XL(23,11)	0.00	1.00
XL(16,24)	0.00	1.00	XL(20,3)	0.00	0.00	XL(23,12)	0.00	0.00
XL(16,25)	0.00	0.00	XL(20,4)	0.00	0.00	XL(23,13)	0.00	0.00
XL(16,26)	0.00	0.00	XL(20,5)	0.00	0.00	XL(23,14)	0.00	0.00
XL(16,27)	1.00	1.00	XL(20,6)	0.00	0.00	XL(23,15)	1.00	1.00
XL(16,28)	0.00	1.00	XL(20,7)	0.00	0.00	XL(23,16)	0.00	1.00
XL(16,29)	0.00	0.00	XL(20,8)	0.00	0.00	XL(23,17)	0.00	0.00
XL(16,30)	0.00	0.00	XL(20,9)	0.00	0.00	XL(23,18)	0.00	0.00
XL(17,1)	0.00	0.00	XL(20,10)	0.00	0.00	XL(23,19)	1.00	1.00
XL(17,2)	0.00	0.00	XL(20,11)	0.00	0.00	XL(23,20)	0.00	1.00
XL(17,3)	0.00	0.00	XL(20,12)	0.00	0.00	XL(23,21)	0.00	0.00
XL(17,4)	0.00	0.00	XL(20,13)	1.00	1.00	XL(23,22)	1.00	1.00
XL(17,5)	0.00	0.00	XL(20,14)	0.00	1.00	XL(23,23)	0.00	1.00
XL(17,6)	1.00	1.00	XL(20,15)	0.00	0.00	XL(23,24)	0.00	0.00
XL(17,7)	0.00	1.00	XL(20,16)	0.00	0.00	XL(23,25)	0.00	0.00
XL(17,8)	0.00	0.00	XL(20,17)	0.00	0.00	XL(23,26)	0.00	0.00
XL(17,9)	0.00	0.00	XL(20,18)	0.00	0.00	XL(23,27)	0.00	0.00
XL(17,10)	0.00	0.00	XL(20,19)	1.00	1.00	XL(23,28)	0.00	0.00
XL(17,11)	1.00	1.00	XL(20,20)	0.00	1.00	XL(23,29)	0.00	0.00
XL(17,12)	0.00	1.00	XL(20,21)	0.00	0.00	XL(23,30)	0.00	0.00
XL(17,13)	0.00	0.00	XL(20,22)	0.00	0.00	XL(24,1)	0.00	0.00
XL(17,14)	0.00	0.00	XL(20,23)	1.00	1.00	XL(24,2)	0.00	0.00
XL(17,15)	0.00	0.00	XL(20,24)	0.00	1.00	XL(24,3)	0.00	0.00
XL(17,16)	0.00	0.00	XL(20,25)	0.00	0.00	XL(24,4)	1.00	1.00
XL(17,17)	0.00	0.00	XL(20,26)	1.00	1.00	XL(24,5)	0.00	1.00
XL(17,18)	1.00	1.00	XL(20,27)	0.00	1.00	XL(24,6)	0.00	0.00
XL(17,19)	0.00	1.00	XL(20,28)	0.00	0.00	XL(24,7)	0.00	0.00
XL(17,20)	0.00	0.00	XL(20,29)	1.00	1.00	XL(24,8)	0.00	0.00
XL(17,21)	0.00	0.00	XL(20,30)	0.00	1.00	XL(24,9)	0.00	0.00
XL(17,22)	1.00	1.00	XL(21,1)	0.00	0.00	XL(24,10)	0.00	0.00
XL(17,23)	0.00	1.00	XL(21,2)	0.00	0.00	XL(24,11)	1.00	1.00
XL(17,24)	0.00	0.00	XL(21,3)	0.00	0.00	XL(24,12)	0.00	1.00

D1_PST(10,10)	0.00	1.00	D1_PST(13,19)	0.00	0.00	D1_PST(16,28)	0.00	1.00
D1_PST(10,11)	0.00	1.00	D1_PST(13,20)	0.00	1.00	D1_PST(16,29)	0.00	1.00
D1_PST(10,12)	0.00	1.00	D1_PST(13,21)	0.00	1.00	D1_PST(16,30)	0.00	1.00
D1_PST(10,13)	0.00	1.00	D1_PST(13,22)	0.00	1.00	D1_PST(17,1)	0.00	1.00
D1_PST(10,14)	0.00	1.00	D1_PST(13,23)	0.00	1.00	D1_PST(17,2)	0.00	1.00
D1_PST(10,15)	0.00	1.00	D1_PST(13,24)	0.00	1.00	D1_PST(17,3)	0.00	1.00
D1_PST(10,16)	0.00	1.00	D1_PST(13,25)	0.00	1.00	D1_PST(17,4)	0.00	1.00
D1_PST(10,17)	0.00	1.00	D1_PST(13,26)	0.00	1.00	D1_PST(17,5)	0.00	1.00
D1_PST(10,18)	0.00	1.00	D1_PST(13,27)	0.00	0.00	D1_PST(17,6)	0.00	1.00
D1_PST(10,19)	0.00	1.00	D1_PST(13,28)	0.00	1.00	D1_PST(17,7)	0.00	1.00
D1_PST(10,20)	0.00	1.00	D1_PST(13,29)	0.00	1.00	D1_PST(17,8)	0.00	1.00
D1_PST(10,21)	0.00	1.00	D1_PST(13,30)	0.00	1.00	D1_PST(17,9)	0.00	1.00
D1_PST(10,22)	0.00	1.00	D1_PST(14,1)	0.00	1.00	D1_PST(17,10)	0.00	1.00
D1_PST(10,23)	0.00	1.00	D1_PST(14,2)	0.00	1.00	D1_PST(17,11)	0.00	1.00
D1_PST(10,24)	0.00	1.00	D1_PST(14,3)	0.00	1.00	D1_PST(17,12)	0.00	1.00
D1_PST(10,25)	0.00	1.00	D1_PST(14,4)	0.00	1.00	D1_PST(17,13)	0.00	1.00
D1_PST(10,26)	0.00	1.00	D1_PST(14,5)	0.00	1.00	D1_PST(17,14)	0.00	1.00
D1_PST(10,27)	0.00	1.00	D1_PST(14,6)	0.00	1.00	D1_PST(17,15)	0.00	1.00
D1_PST(10,28)	0.00	1.00	D1_PST(14,7)	0.00	1.00	D1_PST(17,16)	0.00	1.00
D1_PST(10,29)	0.00	1.00	D1_PST(14,8)	0.00	1.00	D1_PST(17,17)	0.00	0.00
D1_PST(10,30)	0.00	1.00	D1_PST(14,9)	0.00	1.00	D1_PST(17,18)	0.00	0.00
D1_PST(11,1)	0.00	1.00	D1_PST(14,10)	0.00	1.00	D1_PST(17,19)	0.00	0.00
D1_PST(11,2)	0.00	1.00	D1_PST(14,11)	0.00	1.00	D1_PST(17,20)	0.00	1.00
D1_PST(11,3)	0.00	1.00	D1_PST(14,12)	0.00	0.00	D1_PST(17,21)	0.00	1.00
D1_PST(11,4)	0.00	1.00	D1_PST(14,13)	0.00	0.00	D1_PST(17,22)	0.00	1.00
D1_PST(11,5)	0.00	1.00	D1_PST(14,14)	0.00	1.00	D1_PST(17,23)	0.00	1.00
D1_PST(11,6)	0.00	0.00	D1_PST(14,15)	0.00	1.00	D1_PST(17,24)	0.00	1.00
D1_PST(11,7)	0.00	0.00	D1_PST(14,16)	0.00	1.00	D1_PST(17,25)	0.00	1.00
D1_PST(11,8)	0.00	1.00	D1_PST(14,17)	0.00	1.00	D1_PST(17,26)	0.00	0.00
D1_PST(11,9)	0.00	1.00	D1_PST(14,18)	0.00	1.00	D1_PST(17,27)	0.00	0.00
D1_PST(11,10)	0.00	1.00	D1_PST(14,19)	0.00	1.00	D1_PST(17,28)	0.00	1.00
D1_PST(11,11)	0.00	1.00	D1_PST(14,20)	0.00	0.00	D1_PST(17,29)	0.00	1.00
D1_PST(11,12)	0.00	1.00	D1_PST(14,21)	0.00	0.00	D1_PST(17,30)	0.00	1.00
D1_PST(11,13)	0.00	1.00	D1_PST(14,22)	0.00	0.00	D1_PST(18,1)	0.00	0.00
D1_PST(11,14)	0.00	1.00	D1_PST(14,23)	0.00	0.00	D1_PST(18,2)	0.00	1.00
D1_PST(11,15)	0.00	1.00	D1_PST(14,24)	0.00	1.00	D1_PST(18,3)	0.00	1.00
D1_PST(11,16)	0.00	1.00	D1_PST(14,25)	0.00	1.00	D1_PST(18,4)	0.00	1.00
D1_PST(11,17)	0.00	1.00	D1_PST(14,26)	0.00	1.00	D1_PST(18,5)	0.00	1.00
D1_PST(11,18)	0.00	1.00	D1_PST(14,27)	0.00	1.00	D1_PST(18,6)	0.00	1.00
D1_PST(11,19)	0.00	1.00	D1_PST(14,28)	0.00	1.00	D1_PST(18,7)	0.00	1.00
D1_PST(11,20)	0.00	1.00	D1_PST(14,29)	0.00	1.00	D1_PST(18,8)	0.00	1.00
D1_PST(11,21)	0.00	1.00	D1_PST(14,30)	0.00	1.00	D1_PST(18,9)	0.00	1.00
D1_PST(11,22)	0.00	1.00	D1_PST(15,1)	0.00	1.00	D1_PST(18,10)	0.00	1.00
D1_PST(11,23)	0.00	1.00	D1_PST(15,2)	0.00	1.00	D1_PST(18,11)	0.00	1.00
D1_PST(11,24)	0.00	1.00	D1_PST(15,3)	0.00	1.00	D1_PST(18,12)	0.00	1.00
D1_PST(11,25)	0.00	1.00	D1_PST(15,4)	0.00	1.00	D1_PST(18,13)	0.00	1.00
D1_PST(11,26)	0.00	1.00	D1_PST(15,5)	0.00	1.00	D1_PST(18,14)	0.00	1.00
D1_PST(11,27)	0.00	1.00	D1_PST(15,6)	0.00	1.00	D1_PST(18,15)	0.00	1.00
D1_PST(11,28)	0.00	1.00	D1_PST(15,7)	0.00	1.00	D1_PST(18,16)	0.00	1.00
D1_PST(11,29)	0.00	1.00	D1_PST(15,8)	0.00	1.00	D1_PST(18,17)	0.00	1.00
D1_PST(11,30)	0.00	1.00	D1_PST(15,9)	0.00	1.00	D1_PST(18,18)	0.00	1.00
D1_PST(12,1)	0.00	1.00	D1_PST(15,10)	0.00	1.00	D1_PST(18,19)	0.00	1.00
D1_PST(12,2)	0.00	1.00	D1_PST(15,11)	0.00	1.00	D1_PST(18,20)	0.00	1.00
D1_PST(12,3)	0.00	1.00	D1_PST(15,12)	0.00	1.00	D1_PST(18,21)	0.00	1.00
D1_PST(12,4)	0.00	1.00	D1_PST(15,13)	0.00	1.00	D1_PST(18,22)	0.00	1.00
D1_PST(12,5)	0.00	1.00	D1_PST(15,14)	0.00	1.00	D1_PST(18,23)	0.00	1.00
D1_PST(12,6)	0.00	1.00	D1_PST(15,15)	0.00	1.00	D1_PST(18,24)	0.00	1.00
D1_PST(12,7)	0.00	0.00	D1_PST(15,16)	0.00	1.00	D1_PST(18,25)	0.00	1.00
D1_PST(12,8)	0.00	0.00	D1_PST(15,17)	0.00	1.00	D1_PST(18,26)	0.00	1.00
D1_PST(12,9)	0.00	1.00	D1_PST(15,18)	0.00	1.00	D1_PST(18,27)	0.00	1.00
D1_PST(12,10)	0.00	1.00	D1_PST(15,19)	0.00	1.00	D1_PST(18,28)	0.00	1.00
D1_PST(12,11)	0.00	1.00	D1_PST(15,20)	0.00	1.00	D1_PST(18,29)	0.00	1.00
D1_PST(12,12)	0.00	1.00	D1_PST(15,21)	0.00	1.00	D1_PST(18,30)	0.00	1.00
D1_PST(12,13)	0.00	1.00	D1_PST(15,22)	0.00	1.00	D1_PST(19,1)	0.00	1.00
D1_PST(12,14)	0.00	1.00	D1_PST(15,23)	0.00	1.00	D1_PST(19,2)	0.00	1.00
D1_PST(12,15)	0.00	0.00	D1_PST(15,24)	0.00	1.00	D1_PST(19,3)	0.00	1.00
D1_PST(12,16)	0.00	0.00	D1_PST(15,25)	0.00	1.00	D1_PST(19,4)	0.00	1.00
D1_PST(12,17)	0.00	1.00	D1_PST(15,26)	0.00	1.00	D1_PST(19,5)	0.00	1.00
D1_PST(12,18)	0.00	1.00	D1_PST(15,27)	0.00	1.00	D1_PST(19,6)	0.00	1.00
D1_PST(12,19)	0.00	1.00	D1_PST(15,28)	0.00	1.00	D1_PST(19,7)	0.00	1.00
D1_PST(12,20)	0.00	1.00	D1_PST(15,29)	0.00	1.00	D1_PST(19,8)	0.00	1.00
D1_PST(12,21)	0.00	1.00	D1_PST(15,30)	0.00	1.00	D1_PST(19,9)	0.00	1.00
D1_PST(12,22)	0.00	1.00	D1_PST(16,1)	0.00	1.00	D1_PST(19,10)	0.00	1.00
D1_PST(12,23)	0.00	1.00	D1_PST(16,2)	0.00	1.00	D1_PST(19,11)	0.00	0.00
D1_PST(12,24)	0.00	1.00	D1_PST(16,3)	0.00	1.00	D1_PST(19,12)	0.00	0.00
D1_PST(12,25)	0.00	1.00	D1_PST(16,4)	0.00	1.00	D1_PST(19,13)	0.00	1.00
D1_PST(12,26)	0.00	1.00	D1_PST(16,5)	0.00	1.00	D1_PST(19,14)	0.00	1.00
D1_PST(12,27)	0.00	1.00	D1_PST(16,6)	0.00	1.00	D1_PST(19,15)	0.00	1.00
D1_PST(12,28)	0.00	1.00	D1_PST(16,7)	0.00	1.00	D1_PST(19,16)	0.00	1.00
D1_PST(12,29)	0.00	1.00	D1_PST(16,8)	0.00	1.00	D1_PST(19,17)	0.00	1.00
D1_PST(12,30)	0.00	1.00	D1_PST(16,9)	0.00	1.00	D1_PST(19,18)	0.00	1.00
D1_PST(13,1)	0.00	1.00	D1_PST(16,10)	0.00	1.00	D1_PST(19,19)	0.00	1.00
D1_PST(13,2)	0.00	1.00	D1_PST(16,11)	0.00	0.00	D1_PST(19,20)	0.00	1.00
D1_PST(13,3)	0.00	1.00	D1_PST(16,12)	0.00	0.00	D1_PST(19,21)	0.00	1.00
D1_PST(13,4)	0.00	1.00	D1_PST(16,13)	0.00	1.00	D1_PST(19,22)	0.00	1.00
D1_PST(13,5)	0.00	1.00	D1_PST(16,14)	0.00	1.00	D1_PST(19,23)	0.00	1.00
D1_PST(13,6)	0.00	1.00	D1_PST(16,15)	0.00	1.00	D1_PST(19,24)	0.00	1.00
D1_PST(13,7)	0.00	1.00	D1_PST(16,16)	0.00	1.00	D1_PST(19,25)	0.00	1.00
D1_PST(13,8)	0.00	1.00	D1_PST(16,17)	0.00	1.00	D1_PST(19,26)	0.00	1.00
D1_PST(13,9)	0.00	1.00	D1_PST(16,18)	0.00	1.00	D1_PST(19,27)	0.00	1.00
D1_PST(13,10)	0.00	1.00	D1_PST(16,19)	0.00	1.00	D1_PST(19,28)	0.00	1.00
D1_PST(13,11)	0.00	1.00	D1_PST(16,20)	0.00	1.00	D1_PST(19,29)	0.00	1.00
D1_PST(13,12)	0.00	1.00	D1_PST(16,21)	0.00	1.00	D1_PST(19,30)	0.00	1.00
D1_PST(13,13)	0.00	1.00	D1_PST(16,22)	0.00	0.00	D1_PST(20,1)	0.00	1.00
D1_PST(13,14)	0.00	1.00	D1_PST(16,23)	0.00	0.00	D1_PST(20,2)	0.00	1.00
D1_PST(13,15)	0.00	1.00	D1_PST(16,24)	0.00	0.00	D1_PST(20,3)	0.00	1.00
D1_PST(13,16)	0.00	1.00	D1_PST(16,25)	0.00	0.00	D1_PST(20,4)	0.00	1.00
D1_PST(13,17)	0.00	0.00	D1_PST(16,26)	0.00	0.00	D1_PST(20,5)	0.00	1.00
D1_PST(13,18)	0.00	0.00	D1_PST(16,27)	0.00	0.00	D1_PST(20,6)	0.00	1.00

D2_PST(1,28)	0.00	0.00	D2_PST(5,7)	0.00	1.00	D2_PST(8,16)	0.00	1.00
D2_PST(1,29)	0.00	1.00	D2_PST(5,8)	0.00	0.00	D2_PST(8,17)	0.00	1.00
D2_PST(1,30)	0.00	1.00	D2_PST(5,9)	0.00	1.00	D2_PST(8,18)	0.00	1.00
D2_PST(2,1)	0.00	1.00	D2_PST(5,10)	0.00	1.00	D2_PST(8,19)	0.00	1.00
D2_PST(2,2)	0.00	1.00	D2_PST(5,11)	0.00	1.00	D2_PST(8,20)	0.00	0.00
D2_PST(2,3)	0.00	1.00	D2_PST(5,12)	0.00	1.00	D2_PST(8,21)	0.00	1.00
D2_PST(2,4)	0.00	1.00	D2_PST(5,13)	0.00	0.00	D2_PST(8,22)	0.00	1.00
D2_PST(2,5)	0.00	0.00	D2_PST(5,14)	0.00	1.00	D2_PST(8,23)	0.00	1.00
D2_PST(2,6)	0.00	1.00	D2_PST(5,15)	0.00	1.00	D2_PST(8,24)	0.00	0.00
D2_PST(2,7)	0.00	1.00	D2_PST(5,16)	0.00	0.00	D2_PST(8,25)	0.00	1.00
D2_PST(2,8)	0.00	1.00	D2_PST(5,17)	0.00	1.00	D2_PST(8,26)	0.00	1.00
D2_PST(2,9)	0.00	1.00	D2_PST(5,18)	0.00	1.00	D2_PST(8,27)	0.00	1.00
D2_PST(2,10)	0.00	1.00	D2_PST(5,19)	0.00	1.00	D2_PST(8,28)	0.00	0.00
D2_PST(2,11)	0.00	1.00	D2_PST(5,20)	0.00	1.00	D2_PST(8,29)	0.00	1.00
D2_PST(2,12)	0.00	1.00	D2_PST(5,21)	0.00	1.00	D2_PST(8,30)	0.00	1.00
D2_PST(2,13)	0.00	0.00	D2_PST(5,22)	0.00	1.00	D2_PST(9,1)	0.00	1.00
D2_PST(2,14)	0.00	1.00	D2_PST(5,23)	0.00	0.00	D2_PST(9,2)	0.00	1.00
D2_PST(2,15)	0.00	1.00	D2_PST(5,24)	0.00	1.00	D2_PST(9,3)	0.00	0.00
D2_PST(2,16)	0.00	1.00	D2_PST(5,25)	0.00	1.00	D2_PST(9,4)	0.00	1.00
D2_PST(2,17)	0.00	1.00	D2_PST(5,26)	0.00	1.00	D2_PST(9,5)	0.00	1.00
D2_PST(2,18)	0.00	0.00	D2_PST(5,27)	0.00	1.00	D2_PST(9,6)	0.00	0.00
D2_PST(2,19)	0.00	1.00	D2_PST(5,28)	0.00	1.00	D2_PST(9,7)	0.00	1.00
D2_PST(2,20)	0.00	1.00	D2_PST(5,29)	0.00	1.00	D2_PST(9,8)	0.00	1.00
D2_PST(2,21)	0.00	0.00	D2_PST(5,30)	0.00	1.00	D2_PST(9,9)	0.00	1.00
D2_PST(2,22)	0.00	1.00	D2_PST(6,1)	0.00	1.00	D2_PST(9,10)	0.00	1.00
D2_PST(2,23)	0.00	1.00	D2_PST(6,2)	0.00	1.00	D2_PST(9,11)	0.00	1.00
D2_PST(2,24)	0.00	1.00	D2_PST(6,3)	0.00	0.00	D2_PST(9,12)	0.00	1.00
D2_PST(2,25)	0.00	0.00	D2_PST(6,4)	0.00	1.00	D2_PST(9,13)	0.00	1.00
D2_PST(2,26)	0.00	1.00	D2_PST(6,5)	0.00	1.00	D2_PST(9,14)	0.00	0.00
D2_PST(2,27)	0.00	1.00	D2_PST(6,6)	0.00	1.00	D2_PST(9,15)	0.00	1.00
D2_PST(2,28)	0.00	1.00	D2_PST(6,7)	0.00	1.00	D2_PST(9,16)	0.00	1.00
D2_PST(2,29)	0.00	1.00	D2_PST(6,8)	0.00	0.00	D2_PST(9,17)	0.00	1.00
D2_PST(2,30)	0.00	1.00	D2_PST(6,9)	0.00	1.00	D2_PST(9,18)	0.00	1.00
D2_PST(3,1)	0.00	1.00	D2_PST(6,10)	0.00	1.00	D2_PST(9,19)	0.00	1.00
D2_PST(3,2)	0.00	0.00	D2_PST(6,11)	0.00	1.00	D2_PST(9,20)	0.00	1.00
D2_PST(3,3)	0.00	1.00	D2_PST(6,12)	0.00	1.00	D2_PST(9,21)	0.00	1.00
D2_PST(3,4)	0.00	1.00	D2_PST(6,13)	0.00	1.00	D2_PST(9,22)	0.00	0.00
D2_PST(3,5)	0.00	1.00	D2_PST(6,14)	0.00	0.00	D2_PST(9,23)	0.00	1.00
D2_PST(3,6)	0.00	0.00	D2_PST(6,15)	0.00	1.00	D2_PST(9,24)	0.00	1.00
D2_PST(3,7)	0.00	1.00	D2_PST(6,16)	0.00	0.00	D2_PST(9,25)	0.00	0.00
D2_PST(3,8)	0.00	1.00	D2_PST(6,17)	0.00	1.00	D2_PST(9,26)	0.00	1.00
D2_PST(3,9)	0.00	1.00	D2_PST(6,18)	0.00	1.00	D2_PST(9,27)	0.00	1.00
D2_PST(3,10)	0.00	1.00	D2_PST(6,19)	0.00	1.00	D2_PST(9,28)	0.00	1.00
D2_PST(3,11)	0.00	1.00	D2_PST(6,20)	0.00	1.00	D2_PST(9,29)	0.00	1.00
D2_PST(3,12)	0.00	1.00	D2_PST(6,21)	0.00	1.00	D2_PST(9,30)	0.00	1.00
D2_PST(3,13)	0.00	1.00	D2_PST(6,22)	0.00	1.00	D2_PST(10,1)	0.00	1.00
D2_PST(3,14)	0.00	1.00	D2_PST(6,23)	0.00	1.00	D2_PST(10,2)	0.00	1.00
D2_PST(3,15)	0.00	0.00	D2_PST(6,24)	0.00	1.00	D2_PST(10,3)	0.00	1.00
D2_PST(3,16)	0.00	1.00	D2_PST(6,25)	0.00	0.00	D2_PST(10,4)	0.00	1.00
D2_PST(3,17)	0.00	1.00	D2_PST(6,26)	0.00	1.00	D2_PST(10,5)	0.00	1.00
D2_PST(3,18)	0.00	1.00	D2_PST(6,27)	0.00	1.00	D2_PST(10,6)	0.00	1.00
D2_PST(3,19)	0.00	0.00	D2_PST(6,28)	0.00	1.00	D2_PST(10,7)	0.00	0.00
D2_PST(3,20)	0.00	1.00	D2_PST(6,29)	0.00	1.00	D2_PST(10,8)	0.00	1.00
D2_PST(3,21)	0.00	1.00	D2_PST(6,30)	0.00	1.00	D2_PST(10,9)	0.00	1.00
D2_PST(3,22)	0.00	1.00	D2_PST(7,1)	0.00	1.00	D2_PST(10,10)	0.00	1.00
D2_PST(3,23)	0.00	1.00	D2_PST(7,2)	0.00	1.00	D2_PST(10,11)	0.00	0.00
D2_PST(3,24)	0.00	0.00	D2_PST(7,3)	0.00	1.00	D2_PST(10,12)	0.00	1.00
D2_PST(3,25)	0.00	1.00	D2_PST(7,4)	0.00	0.00	D2_PST(10,13)	0.00	1.00
D2_PST(3,26)	0.00	1.00	D2_PST(7,5)	0.00	1.00	D2_PST(10,14)	0.00	1.00
D2_PST(3,27)	0.00	1.00	D2_PST(7,6)	0.00	1.00	D2_PST(10,15)	0.00	1.00
D2_PST(3,28)	0.00	1.00	D2_PST(7,7)	0.00	1.00	D2_PST(10,16)	0.00	1.00
D2_PST(3,29)	0.00	1.00	D2_PST(7,8)	0.00	0.00	D2_PST(10,17)	0.00	1.00
D2_PST(3,30)	0.00	1.00	D2_PST(7,9)	0.00	1.00	D2_PST(10,18)	0.00	1.00
D2_PST(4,1)	0.00	1.00	D2_PST(7,10)	0.00	1.00	D2_PST(10,19)	0.00	1.00
D2_PST(4,2)	0.00	1.00	D2_PST(7,11)	0.00	1.00	D2_PST(10,20)	0.00	1.00
D2_PST(4,3)	0.00	1.00	D2_PST(7,12)	0.00	1.00	D2_PST(10,21)	0.00	0.00
D2_PST(4,4)	0.00	1.00	D2_PST(7,13)	0.00	1.00	D2_PST(10,22)	0.00	1.00
D2_PST(4,5)	0.00	1.00	D2_PST(7,14)	0.00	1.00	D2_PST(10,23)	0.00	1.00
D2_PST(4,6)	0.00	1.00	D2_PST(7,15)	0.00	1.00	D2_PST(10,24)	0.00	1.00
D2_PST(4,7)	0.00	0.00	D2_PST(7,16)	0.00	1.00	D2_PST(10,25)	0.00	0.00
D2_PST(4,8)	0.00	1.00	D2_PST(7,17)	0.00	1.00	D2_PST(10,26)	0.00	1.00
D2_PST(4,9)	0.00	1.00	D2_PST(7,18)	0.00	0.00	D2_PST(10,27)	0.00	1.00
D2_PST(4,10)	0.00	1.00	D2_PST(7,19)	0.00	1.00	D2_PST(10,28)	0.00	1.00
D2_PST(4,11)	0.00	1.00	D2_PST(7,20)	0.00	1.00	D2_PST(10,29)	0.00	0.00
D2_PST(4,12)	0.00	1.00	D2_PST(7,21)	0.00	1.00	D2_PST(10,30)	0.00	1.00
D2_PST(4,13)	0.00	1.00	D2_PST(7,22)	0.00	1.00	D2_PST(11,1)	0.00	1.00
D2_PST(4,14)	0.00	0.00	D2_PST(7,23)	0.00	1.00	D2_PST(11,2)	0.00	1.00
D2_PST(4,15)	0.00	1.00	D2_PST(7,24)	0.00	0.00	D2_PST(11,3)	0.00	0.00
D2_PST(4,16)	0.00	1.00	D2_PST(7,25)	0.00	1.00	D2_PST(11,4)	0.00	1.00
D2_PST(4,17)	0.00	1.00	D2_PST(7,26)	0.00	1.00	D2_PST(11,5)	0.00	1.00
D2_PST(4,18)	0.00	1.00	D2_PST(7,27)	0.00	1.00	D2_PST(11,6)	0.00	1.00
D2_PST(4,19)	0.00	0.00	D2_PST(7,28)	0.00	0.00	D2_PST(11,7)	0.00	1.00
D2_PST(4,20)	0.00	1.00	D2_PST(7,29)	0.00	1.00	D2_PST(11,8)	0.00	1.00
D2_PST(4,21)	0.00	0.00	D2_PST(7,30)	0.00	1.00	D2_PST(11,9)	0.00	1.00
D2_PST(4,22)	0.00	1.00	D2_PST(8,1)	0.00	1.00	D2_PST(11,10)	0.00	0.00
D2_PST(4,23)	0.00	0.00	D2_PST(8,2)	0.00	1.00	D2_PST(11,11)	0.00	1.00
D2_PST(4,24)	0.00	1.00	D2_PST(8,3)	0.00	1.00	D2_PST(11,12)	0.00	1.00
D2_PST(4,25)	0.00	1.00	D2_PST(8,4)	0.00	1.00	D2_PST(11,13)	0.00	0.00
D2_PST(4,26)	0.00	1.00	D2_PST(8,5)	0.00	1.00	D2_PST(11,14)	0.00	1.00
D2_PST(4,27)	0.00	1.00	D2_PST(8,6)	0.00	1.00	D2_PST(11,15)	0.00	1.00
D2_PST(4,28)	0.00	1.00	D2_PST(8,7)	0.00	1.00	D2_PST(11,16)	0.00	1.00
D2_PST(4,29)	0.00	1.00	D2_PST(8,8)	0.00	1.00	D2_PST(11,17)	0.00	1.00
D2_PST(4,30)	0.00	1.00	D2_PST(8,9)	0.00	1.00	D2_PST(11,18)	0.00	0.00
D2_PST(5,1)	0.00	1.00	D2_PST(8,10)	0.00	0.00	D2_PST(11,19)	0.00	1.00
D2_PST(5,2)	0.00	0.00	D2_PST(8,11)	0.00	1.00	D2_PST(11,20)	0.00	1.00
D2_PST(5,3)	0.00	1.00	D2_PST(8,12)	0.00	1.00	D2_PST(11,21)	0.00	1.00
D2_PST(5,4)	0.00	1.00	D2_PST(8,13)	0.00	1.00	D2_PST(11,22)	0.00	1.00
D2_PST(5,5)	0.00	1.00	D2_PST(8,14)	0.00	0.00	D2_PST(11,23)	0.00	1.00
D2_PST(5,6)	0.00	1.00	D2_PST(8,15)	0.00	1.00	D2_PST(11,24)	0.00	0.00

D2_NGT (7, 19)	0.00	0.00	D2_NGT (10, 28)	0.00	0.00	D2_NGT (14, 7)	0.00	1.00
D2_NGT (7, 20)	0.00	0.00	D2_NGT (10, 29)	0.00	1.00	D2_NGT (14, 8)	0.00	0.00
D2_NGT (7, 21)	0.00	0.00	D2_NGT (10, 30)	0.00	0.00	D2_NGT (14, 9)	0.00	0.00
D2_NGT (7, 22)	0.00	0.00	D2_NGT (11, 1)	0.00	0.00	D2_NGT (14, 10)	0.00	0.00
D2_NGT (7, 23)	0.00	0.00	D2_NGT (11, 2)	0.00	0.00	D2_NGT (14, 11)	0.00	0.00
D2_NGT (7, 24)	0.00	1.00	D2_NGT (11, 3)	0.00	1.00	D2_NGT (14, 12)	0.00	0.00
D2_NGT (7, 25)	0.00	0.00	D2_NGT (11, 4)	0.00	0.00	D2_NGT (14, 13)	0.00	0.00
D2_NGT (7, 26)	0.00	0.00	D2_NGT (11, 5)	0.00	0.00	D2_NGT (14, 14)	0.00	0.00
D2_NGT (7, 27)	0.00	0.00	D2_NGT (11, 6)	0.00	0.00	D2_NGT (14, 15)	0.00	0.00
D2_NGT (7, 28)	0.00	1.00	D2_NGT (11, 7)	0.00	0.00	D2_NGT (14, 16)	0.00	1.00
D2_NGT (7, 29)	0.00	0.00	D2_NGT (11, 8)	0.00	0.00	D2_NGT (14, 17)	0.00	0.00
D2_NGT (7, 30)	0.00	0.00	D2_NGT (11, 9)	0.00	0.00	D2_NGT (14, 18)	0.00	0.00
D2_NGT (8, 1)	0.00	0.00	D2_NGT (11, 10)	0.00	1.00	D2_NGT (14, 19)	0.00	0.00
D2_NGT (8, 2)	0.00	0.00	D2_NGT (11, 11)	0.00	0.00	D2_NGT (14, 20)	0.00	0.00
D2_NGT (8, 3)	0.00	0.00	D2_NGT (11, 12)	0.00	0.00	D2_NGT (14, 21)	0.00	0.00
D2_NGT (8, 4)	0.00	0.00	D2_NGT (11, 13)	0.00	1.00	D2_NGT (14, 22)	0.00	1.00
D2_NGT (8, 5)	0.00	0.00	D2_NGT (11, 14)	0.00	0.00	D2_NGT (14, 23)	0.00	0.00
D2_NGT (8, 6)	0.00	0.00	D2_NGT (11, 15)	0.00	0.00	D2_NGT (14, 24)	0.00	0.00
D2_NGT (8, 7)	0.00	0.00	D2_NGT (11, 16)	0.00	0.00	D2_NGT (14, 25)	0.00	0.00
D2_NGT (8, 8)	0.00	0.00	D2_NGT (11, 17)	0.00	0.00	D2_NGT (14, 26)	0.00	1.00
D2_NGT (8, 9)	0.00	0.00	D2_NGT (11, 18)	0.00	1.00	D2_NGT (14, 27)	0.00	0.00
D2_NGT (8, 10)	0.00	1.00	D2_NGT (11, 19)	0.00	0.00	D2_NGT (14, 28)	0.00	0.00
D2_NGT (8, 11)	0.00	0.00	D2_NGT (11, 20)	0.00	0.00	D2_NGT (14, 29)	0.00	0.00
D2_NGT (8, 12)	0.00	0.00	D2_NGT (11, 21)	0.00	0.00	D2_NGT (14, 30)	0.00	0.00
D2_NGT (8, 13)	0.00	0.00	D2_NGT (11, 22)	0.00	0.00	D2_NGT (15, 1)	0.00	0.00
D2_NGT (8, 14)	0.00	1.00	D2_NGT (11, 23)	0.00	0.00	D2_NGT (15, 2)	0.00	0.00
D2_NGT (8, 15)	0.00	0.00	D2_NGT (11, 24)	0.00	1.00	D2_NGT (15, 3)	0.00	0.00
D2_NGT (8, 16)	0.00	0.00	D2_NGT (11, 25)	0.00	0.00	D2_NGT (15, 4)	0.00	0.00
D2_NGT (8, 17)	0.00	0.00	D2_NGT (11, 26)	0.00	0.00	D2_NGT (15, 5)	0.00	0.00
D2_NGT (8, 18)	0.00	0.00	D2_NGT (11, 27)	0.00	0.00	D2_NGT (15, 6)	0.00	0.00
D2_NGT (8, 19)	0.00	0.00	D2_NGT (11, 28)	0.00	0.00	D2_NGT (15, 7)	0.00	0.00
D2_NGT (8, 20)	0.00	1.00	D2_NGT (11, 29)	0.00	0.00	D2_NGT (15, 8)	0.00	0.00
D2_NGT (8, 21)	0.00	0.00	D2_NGT (11, 30)	0.00	0.00	D2_NGT (15, 9)	0.00	1.00
D2_NGT (8, 22)	0.00	0.00	D2_NGT (12, 1)	0.00	0.00	D2_NGT (15, 10)	0.00	0.00
D2_NGT (8, 23)	0.00	0.00	D2_NGT (12, 2)	0.00	0.00	D2_NGT (15, 11)	0.00	0.00
D2_NGT (8, 24)	0.00	1.00	D2_NGT (12, 3)	0.00	0.00	D2_NGT (15, 12)	0.00	0.00
D2_NGT (8, 25)	0.00	0.00	D2_NGT (12, 4)	0.00	0.00	D2_NGT (15, 13)	0.00	0.00
D2_NGT (8, 26)	0.00	0.00	D2_NGT (12, 5)	0.00	0.00	D2_NGT (15, 14)	0.00	0.00
D2_NGT (8, 27)	0.00	0.00	D2_NGT (12, 6)	0.00	1.00	D2_NGT (15, 15)	0.00	0.00
D2_NGT (8, 28)	0.00	1.00	D2_NGT (12, 7)	0.00	0.00	D2_NGT (15, 16)	0.00	0.00
D2_NGT (8, 29)	0.00	0.00	D2_NGT (12, 8)	0.00	0.00	D2_NGT (15, 17)	0.00	1.00
D2_NGT (8, 30)	0.00	0.00	D2_NGT (12, 9)	0.00	0.00	D2_NGT (15, 18)	0.00	0.00
D2_NGT (9, 1)	0.00	0.00	D2_NGT (12, 10)	0.00	0.00	D2_NGT (15, 19)	0.00	0.00
D2_NGT (9, 2)	0.00	0.00	D2_NGT (12, 11)	0.00	1.00	D2_NGT (15, 20)	0.00	0.00
D2_NGT (9, 3)	0.00	1.00	D2_NGT (12, 12)	0.00	0.00	D2_NGT (15, 21)	0.00	1.00
D2_NGT (9, 4)	0.00	0.00	D2_NGT (12, 13)	0.00	0.00	D2_NGT (15, 22)	0.00	0.00
D2_NGT (9, 5)	0.00	0.00	D2_NGT (12, 14)	0.00	0.00	D2_NGT (15, 23)	0.00	0.00
D2_NGT (9, 6)	0.00	1.00	D2_NGT (12, 15)	0.00	0.00	D2_NGT (15, 24)	0.00	0.00
D2_NGT (9, 7)	0.00	0.00	D2_NGT (12, 16)	0.00	0.00	D2_NGT (15, 25)	0.00	1.00
D2_NGT (9, 8)	0.00	0.00	D2_NGT (12, 17)	0.00	0.00	D2_NGT (15, 26)	0.00	0.00
D2_NGT (9, 9)	0.00	0.00	D2_NGT (12, 18)	0.00	0.00	D2_NGT (15, 27)	0.00	0.00
D2_NGT (9, 10)	0.00	0.00	D2_NGT (12, 19)	0.00	1.00	D2_NGT (15, 28)	0.00	0.00
D2_NGT (9, 11)	0.00	0.00	D2_NGT (12, 20)	0.00	0.00	D2_NGT (15, 29)	0.00	1.00
D2_NGT (9, 12)	0.00	0.00	D2_NGT (12, 21)	0.00	0.00	D2_NGT (15, 30)	0.00	0.00
D2_NGT (9, 13)	0.00	0.00	D2_NGT (12, 22)	0.00	0.00	D2_NGT (16, 1)	0.00	0.00
D2_NGT (9, 14)	0.00	1.00	D2_NGT (12, 23)	0.00	1.00	D2_NGT (16, 2)	0.00	0.00
D2_NGT (9, 15)	0.00	0.00	D2_NGT (12, 24)	0.00	1.00	D2_NGT (16, 3)	0.00	1.00
D2_NGT (9, 16)	0.00	0.00	D2_NGT (12, 25)	0.00	0.00	D2_NGT (16, 4)	0.00	0.00
D2_NGT (9, 17)	0.00	0.00	D2_NGT (12, 26)	0.00	0.00	D2_NGT (16, 5)	0.00	0.00
D2_NGT (9, 18)	0.00	0.00	D2_NGT (12, 27)	0.00	0.00	D2_NGT (16, 6)	0.00	0.00
D2_NGT (9, 19)	0.00	0.00	D2_NGT (12, 28)	0.00	0.00	D2_NGT (16, 7)	0.00	0.00
D2_NGT (9, 20)	0.00	0.00	D2_NGT (12, 29)	0.00	0.00	D2_NGT (16, 8)	0.00	0.00
D2_NGT (9, 21)	0.00	0.00	D2_NGT (12, 30)	0.00	0.00	D2_NGT (16, 9)	0.00	0.00
D2_NGT (9, 22)	0.00	1.00	D2_NGT (13, 1)	0.00	0.00	D2_NGT (16, 10)	0.00	0.00
D2_NGT (9, 23)	0.00	0.00	D2_NGT (13, 2)	0.00	0.00	D2_NGT (16, 11)	0.00	0.00
D2_NGT (9, 24)	0.00	0.00	D2_NGT (13, 3)	0.00	0.00	D2_NGT (16, 12)	0.00	0.00
D2_NGT (9, 25)	0.00	1.00	D2_NGT (13, 4)	0.00	0.00	D2_NGT (16, 13)	0.00	1.00
D2_NGT (9, 26)	0.00	0.00	D2_NGT (13, 5)	0.00	0.00	D2_NGT (16, 14)	0.00	0.00
D2_NGT (9, 27)	0.00	0.00	D2_NGT (13, 6)	0.00	0.00	D2_NGT (16, 15)	0.00	0.00
D2_NGT (9, 28)	0.00	0.00	D2_NGT (13, 7)	0.00	0.00	D2_NGT (16, 16)	0.00	1.00
D2_NGT (9, 29)	0.00	0.00	D2_NGT (13, 8)	0.00	0.00	D2_NGT (16, 17)	0.00	0.00
D2_NGT (9, 30)	0.00	0.00	D2_NGT (13, 9)	0.00	0.00	D2_NGT (16, 18)	0.00	0.00
D2_NGT (10, 1)	0.00	0.00	D2_NGT (13, 10)	0.00	1.00	D2_NGT (16, 19)	0.00	0.00
D2_NGT (10, 2)	0.00	0.00	D2_NGT (13, 11)	0.00	0.00	D2_NGT (16, 20)	0.00	0.00
D2_NGT (10, 3)	0.00	0.00	D2_NGT (13, 12)	0.00	0.00	D2_NGT (16, 21)	0.00	0.00
D2_NGT (10, 4)	0.00	0.00	D2_NGT (13, 13)	0.00	0.00	D2_NGT (16, 22)	0.00	0.00
D2_NGT (10, 5)	0.00	0.00	D2_NGT (13, 14)	0.00	0.00	D2_NGT (16, 23)	0.00	1.00
D2_NGT (10, 6)	0.00	0.00	D2_NGT (13, 15)	0.00	1.00	D2_NGT (16, 24)	0.00	0.00
D2_NGT (10, 7)	0.00	1.00	D2_NGT (13, 16)	0.00	0.00	D2_NGT (16, 25)	0.00	0.00
D2_NGT (10, 8)	0.00	0.00	D2_NGT (13, 17)	0.00	0.00	D2_NGT (16, 26)	0.00	0.00
D2_NGT (10, 9)	0.00	0.00	D2_NGT (13, 18)	0.00	1.00	D2_NGT (16, 27)	0.00	1.00
D2_NGT (10, 10)	0.00	0.00	D2_NGT (13, 19)	0.00	0.00	D2_NGT (16, 28)	0.00	0.00
D2_NGT (10, 11)	0.00	1.00	D2_NGT (13, 20)	0.00	0.00	D2_NGT (16, 29)	0.00	0.00
D2_NGT (10, 12)	0.00	0.00	D2_NGT (13, 21)	0.00	0.00	D2_NGT (16, 30)	0.00	0.00
D2_NGT (10, 13)	0.00	0.00	D2_NGT (13, 22)	0.00	1.00	D2_NGT (17, 1)	0.00	0.00
D2_NGT (10, 14)	0.00	0.00	D2_NGT (13, 23)	0.00	0.00	D2_NGT (17, 2)	0.00	0.00
D2_NGT (10, 15)	0.00	0.00	D2_NGT (13, 24)	0.00	0.00	D2_NGT (17, 3)	0.00	0.00
D2_NGT (10, 16)	0.00	0.00	D2_NGT (13, 25)	0.00	0.00	D2_NGT (17, 4)	0.00	0.00
D2_NGT (10, 17)	0.00	0.00	D2_NGT (13, 26)	0.00	0.00	D2_NGT (17, 5)	0.00	0.00
D2_NGT (10, 18)	0.00	0.00	D2_NGT (13, 27)	0.00	0.00	D2_NGT (17, 6)	0.00	1.00
D2_NGT (10, 19)	0.00	0.00	D2_NGT (13, 28)	0.00	1.00	D2_NGT (17, 7)	0.00	0.00
D2_NGT (10, 20)	0.00	0.00	D2_NGT (13, 29)	0.00	0.00	D2_NGT (17, 8)	0.00	0.00
D2_NGT (10, 21)	0.00	1.00	D2_NGT (13, 30)	0.00	0.00	D2_NGT (17, 9)	0.00	0.00
D2_NGT (10, 22)	0.00	0.00	D2_NGT (14, 1)	0.00	0.00	D2_NGT (17, 10)	0.00	0.00
D2_NGT (10, 23)	0.00	0.00	D2_NGT (14, 2)	0.00	0.00	D2_NGT (17, 11)	0.00	1.00
D2_NGT (10, 24)	0.00	0.00	D2_NGT (14, 3)	0.00	1.00	D2_NGT (17, 12)	0.00	0.00
D2_NGT (10, 25)	0.00	1.00	D2_NGT (14, 4)	0.00	0.00	D2_NGT (17, 13)	0.00	0.00
D2_NGT (10, 26)	0.00	0.00	D2_NGT (14, 5)	0.00	0.00	D2_NGT (17, 14)	0.00	0.00
D2_NGT (10, 27)	0.00	0.00	D2_NGT (14, 6)	0.00	0.00	D2_NGT (17, 15)	0.00	0.00

D2_NGT (17, 16)	0.00	0.00	D2_NGT (20, 25)	0.00	0.00	D2_NGT (24, 4)	0.00	1.00
D2_NGT (17, 17)	0.00	0.00	D2_NGT (20, 26)	0.00	1.00	D2_NGT (24, 5)	0.00	0.00
D2_NGT (17, 18)	0.00	1.00	D2_NGT (20, 27)	0.00	0.00	D2_NGT (24, 6)	0.00	0.00
D2_NGT (17, 19)	0.00	0.00	D2_NGT (20, 28)	0.00	0.00	D2_NGT (24, 7)	0.00	0.00
D2_NGT (17, 20)	0.00	0.00	D2_NGT (20, 29)	0.00	1.00	D2_NGT (24, 8)	0.00	0.00
D2_NGT (17, 21)	0.00	0.00	D2_NGT (20, 30)	0.00	0.00	D2_NGT (24, 9)	0.00	0.00
D2_NGT (17, 22)	0.00	1.00	D2_NGT (21, 1)	0.00	0.00	D2_NGT (24, 10)	0.00	0.00
D2_NGT (17, 23)	0.00	0.00	D2_NGT (21, 2)	0.00	0.00	D2_NGT (24, 11)	0.00	1.00
D2_NGT (17, 24)	0.00	0.00	D2_NGT (21, 3)	0.00	0.00	D2_NGT (24, 12)	0.00	0.00
D2_NGT (17, 25)	0.00	0.00	D2_NGT (21, 4)	0.00	0.00	D2_NGT (24, 13)	0.00	1.00
D2_NGT (17, 26)	0.00	0.00	D2_NGT (21, 5)	0.00	0.00	D2_NGT (24, 14)	0.00	0.00
D2_NGT (17, 27)	0.00	1.00	D2_NGT (21, 6)	0.00	0.00	D2_NGT (24, 15)	0.00	0.00
D2_NGT (17, 28)	0.00	0.00	D2_NGT (21, 7)	0.00	0.00	D2_NGT (24, 16)	0.00	1.00
D2_NGT (17, 29)	0.00	0.00	D2_NGT (21, 8)	0.00	1.00	D2_NGT (24, 17)	0.00	0.00
D2_NGT (17, 30)	0.00	0.00	D2_NGT (21, 9)	0.00	0.00	D2_NGT (24, 18)	0.00	0.00
D2_NGT (18, 1)	0.00	0.00	D2_NGT (21, 10)	0.00	0.00	D2_NGT (24, 19)	0.00	0.00
D2_NGT (18, 2)	0.00	0.00	D2_NGT (21, 11)	0.00	1.00	D2_NGT (24, 20)	0.00	0.00
D2_NGT (18, 3)	0.00	0.00	D2_NGT (21, 12)	0.00	0.00	D2_NGT (24, 21)	0.00	0.00
D2_NGT (18, 4)	0.00	1.00	D2_NGT (21, 13)	0.00	0.00	D2_NGT (24, 22)	0.00	0.00
D2_NGT (18, 5)	0.00	0.00	D2_NGT (21, 14)	0.00	0.00	D2_NGT (24, 23)	0.00	0.00
D2_NGT (18, 6)	0.00	1.00	D2_NGT (21, 15)	0.00	0.00	D2_NGT (24, 24)	0.00	0.00
D2_NGT (18, 7)	0.00	0.00	D2_NGT (21, 16)	0.00	0.00	D2_NGT (24, 25)	0.00	0.00
D2_NGT (18, 8)	0.00	0.00	D2_NGT (21, 17)	0.00	0.00	D2_NGT (24, 26)	0.00	0.00
D2_NGT (18, 9)	0.00	0.00	D2_NGT (21, 18)	0.00	0.00	D2_NGT (24, 27)	0.00	0.00
D2_NGT (18, 10)	0.00	0.00	D2_NGT (21, 19)	0.00	0.00	D2_NGT (24, 28)	0.00	0.00
D2_NGT (18, 11)	0.00	1.00	D2_NGT (21, 20)	0.00	0.00	D2_NGT (24, 29)	0.00	1.00
D2_NGT (18, 12)	0.00	0.00	D2_NGT (21, 21)	0.00	0.00	D2_NGT (24, 30)	0.00	0.00
D2_NGT (18, 13)	0.00	0.00	D2_NGT (21, 22)	0.00	0.00			
D2_NGT (18, 14)	0.00	0.00	D2_NGT (21, 23)	0.00	1.00			
D2_NGT (18, 15)	0.00	1.00	D2_NGT (21, 24)	0.00	0.00			
D2_NGT (18, 16)	0.00	0.00	D2_NGT (21, 25)	0.00	0.00			
D2_NGT (18, 17)	0.00	0.00	D2_NGT (21, 26)	0.00	0.00			
D2_NGT (18, 18)	0.00	0.00	D2_NGT (21, 27)	0.00	1.00			
D2_NGT (18, 19)	0.00	0.00	D2_NGT (21, 28)	0.00	0.00			
D2_NGT (18, 20)	0.00	0.00	D2_NGT (21, 29)	0.00	1.00			
D2_NGT (18, 21)	0.00	0.00	D2_NGT (21, 30)	0.00	0.00			
D2_NGT (18, 22)	0.00	0.00	D2_NGT (22, 1)	0.00	0.00			
D2_NGT (18, 23)	0.00	0.00	D2_NGT (22, 2)	0.00	0.00			
D2_NGT (18, 24)	0.00	1.00	D2_NGT (22, 3)	0.00	0.00			
D2_NGT (18, 25)	0.00	0.00	D2_NGT (22, 4)	0.00	0.00			
D2_NGT (18, 26)	0.00	0.00	D2_NGT (22, 5)	0.00	0.00			
D2_NGT (18, 27)	0.00	0.00	D2_NGT (22, 6)	0.00	0.00			
D2_NGT (18, 28)	0.00	0.00	D2_NGT (22, 7)	0.00	1.00			
D2_NGT (18, 29)	0.00	0.00	D2_NGT (22, 8)	0.00	0.00			
D2_NGT (18, 30)	0.00	0.00	D2_NGT (22, 9)	0.00	0.00			
D2_NGT (19, 1)	0.00	0.00	D2_NGT (22, 10)	0.00	0.00			
D2_NGT (19, 2)	0.00	0.00	D2_NGT (22, 11)	0.00	0.00			
D2_NGT (19, 3)	0.00	0.00	D2_NGT (22, 12)	0.00	1.00			
D2_NGT (19, 4)	0.00	0.00	D2_NGT (22, 13)	0.00	0.00			
D2_NGT (19, 5)	0.00	0.00	D2_NGT (22, 14)	0.00	0.00			
D2_NGT (19, 6)	0.00	1.00	D2_NGT (22, 15)	0.00	0.00			
D2_NGT (19, 7)	0.00	0.00	D2_NGT (22, 16)	0.00	0.00			
D2_NGT (19, 8)	0.00	0.00	D2_NGT (22, 17)	0.00	1.00			
D2_NGT (19, 9)	0.00	0.00	D2_NGT (22, 18)	0.00	0.00			
D2_NGT (19, 10)	0.00	0.00	D2_NGT (22, 19)	0.00	1.00			
D2_NGT (19, 11)	0.00	0.00	D2_NGT (22, 20)	0.00	0.00			
D2_NGT (19, 12)	0.00	0.00	D2_NGT (22, 21)	0.00	0.00			
D2_NGT (19, 13)	0.00	0.00	D2_NGT (22, 22)	0.00	0.00			
D2_NGT (19, 14)	0.00	0.00	D2_NGT (22, 23)	0.00	0.00			
D2_NGT (19, 15)	0.00	1.00	D2_NGT (22, 24)	0.00	0.00			
D2_NGT (19, 16)	0.00	0.00	D2_NGT (22, 25)	0.00	0.00			
D2_NGT (19, 17)	0.00	0.00	D2_NGT (22, 26)	0.00	0.00			
D2_NGT (19, 18)	0.00	0.00	D2_NGT (22, 27)	0.00	0.00			
D2_NGT (19, 19)	0.00	0.00	D2_NGT (22, 28)	0.00	0.00			
D2_NGT (19, 20)	0.00	0.00	D2_NGT (22, 29)	0.00	1.00			
D2_NGT (19, 21)	0.00	0.00	D2_NGT (22, 30)	0.00	0.00			
D2_NGT (19, 22)	0.00	0.00	D2_NGT (23, 1)	0.00	0.00			
D2_NGT (19, 23)	0.00	0.00	D2_NGT (23, 2)	0.00	0.00			
D2_NGT (19, 24)	0.00	1.00	D2_NGT (23, 3)	0.00	0.00			
D2_NGT (19, 25)	0.00	0.00	D2_NGT (23, 4)	0.00	0.00			
D2_NGT (19, 26)	0.00	0.00	D2_NGT (23, 5)	0.00	0.00			
D2_NGT (19, 27)	0.00	1.00	D2_NGT (23, 6)	0.00	1.00			
D2_NGT (19, 28)	0.00	0.00	D2_NGT (23, 7)	0.00	0.00			
D2_NGT (19, 29)	0.00	0.00	D2_NGT (23, 8)	0.00	0.00			
D2_NGT (19, 30)	0.00	0.00	D2_NGT (23, 9)	0.00	0.00			
D2_NGT (20, 1)	0.00	0.00	D2_NGT (23, 10)	0.00	1.00			
D2_NGT (20, 2)	0.00	0.00	D2_NGT (23, 11)	0.00	0.00			
D2_NGT (20, 3)	0.00	0.00	D2_NGT (23, 12)	0.00	0.00			
D2_NGT (20, 4)	0.00	0.00	D2_NGT (23, 13)	0.00	0.00			
D2_NGT (20, 5)	0.00	0.00	D2_NGT (23, 14)	0.00	0.00			
D2_NGT (20, 6)	0.00	0.00	D2_NGT (23, 15)	0.00	1.00			
D2_NGT (20, 7)	0.00	0.00	D2_NGT (23, 16)	0.00	0.00			
D2_NGT (20, 8)	0.00	0.00	D2_NGT (23, 17)	0.00	0.00			
D2_NGT (20, 9)	0.00	0.00	D2_NGT (23, 18)	0.00	0.00			
D2_NGT (20, 10)	0.00	0.00	D2_NGT (23, 19)	0.00	1.00			
D2_NGT (20, 11)	0.00	0.00	D2_NGT (23, 20)	0.00	0.00			
D2_NGT (20, 12)	0.00	0.00	D2_NGT (23, 21)	0.00	0.00			
D2_NGT (20, 13)	0.00	1.00	D2_NGT (23, 22)	0.00	1.00			
D2_NGT (20, 14)	0.00	0.00	D2_NGT (23, 23)	0.00	0.00			
D2_NGT (20, 15)	0.00	0.00	D2_NGT (23, 24)	0.00	0.00			
D2_NGT (20, 16)	0.00	0.00	D2_NGT (23, 25)	0.00	0.00			
D2_NGT (20, 17)	0.00	0.00	D2_NGT (23, 26)	0.00	0.00			
D2_NGT (20, 18)	0.00	0.00	D2_NGT (23, 27)	0.00	0.00			
D2_NGT (20, 19)	0.00	1.00	D2_NGT (23, 28)	0.00	0.00			
D2_NGT (20, 20)	0.00	0.00	D2_NGT (23, 29)	0.00	0.00			
D2_NGT (20, 21)	0.00	0.00	D2_NGT (23, 30)	0.00	0.00			
D2_NGT (20, 22)	0.00	0.00	D2_NGT (24, 1)	0.00	0.00			
D2_NGT (20, 23)	0.00	1.00	D2_NGT (24, 2)	0.00	0.00			
D2_NGT (20, 24)	0.00	0.00	D2_NGT (24, 3)	0.00	0.00			