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#### COUNTING NILPOTENT PAIRS IN FINITE GROUPS: SOME CONJECTURES

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#### Counting Nilpotent Pairs in Finite Groups: Some Conjectures\*

H. Dubose-Schmidt, M. D. Galloy, and D. L. Wilson

#### Introduction

Erdös and Turàn [1] have shown that the number of commuting pairs in a finite group G is k|G|; i.e.

$$k|G| = |\{(x,y) : xy = yx\}|,$$

where k is the number of conjugacy classes. Thus, we may interpret the ratio

$$\frac{|\{(x,y): xy=yx\}|}{|G|^2} = \frac{k|G|}{|G|^2} = \frac{k}{|G|}$$

as the probability of two elements commuting, say  $p_1$ . It is well known [2] that

$$p_1 \begin{cases} = 1 & \text{if } G \text{ is abelian} \\ \leq \frac{5}{8} & \text{if } G \text{ is non-abelian} \end{cases}$$

We are concerned with the generalization of this notion to nilpotency. In particular, we are interested in the generating function

$$N(x;G) = p_0 + p_1 x + p_2 x^2 + \ldots + p_i x^i + \ldots$$

where

$$p_i = \frac{|\{(x,y) : < x,y> \text{ is nilpotent of class i }\}|}{|G|^2}.$$

For example, if G is nilpotent of class 1 (i.e., G is abelian) we have

$$N(x;G)=x.$$

<sup>\*</sup>This technical report was produced in conjunction with a Topics in Group Theory Course at Rose-Hulman Institute of Technology during the spring quarter of 1992.

And, in view of Erdös and Turàn's result, if G is nilpotent of class 2, then

$$N(x;G) = (\frac{k}{|G|})x + (1 - \frac{k}{|G|})x^{2}.$$

Our question: Can the distribution of  $p_i$ 's be determined for an arbitrary group of finite order?

#### Conjectures

The following conjectures were supported or suggested by the data which is appended.

**Conjecture.** The number of pairs of elements in a finite group generating subgroups with a specific nilpotency class is a multiple of |G|.

**Conjecture.** If G is a finite group of nilpotency class m (i.e.,  $p_0 = 0$ ), then  $p_i \neq 0$ , for  $1 \leq i \leq m$ .

Conjecture. If G is a finite non-nilpotent group, then there exists a j such that

$$p_i \neq 0$$
 for  $0 \leq i \leq j$ 

and

$$p_i = 0$$
 for  $i > j$ .

Conjecture. For a finite group G of nilpotency class m,

$$p_m \ge 1 - \frac{q^2 + q - 1}{q^3},$$

where q is the smallest prime divisor of |G|. For instance, when q=2,

$$p_m \ge \frac{3}{8}.$$

Conjecture. Let G and H both be finite nilpotent groups of the same order and have identical generating functions N(x;G). The orders of the groups in the ascending central series of these groups are the same.

**Conjecture.** If G is a finite non-nilpotent group, then  $p_0 \geq \frac{1}{2}$ . Furthermore,  $p_0 = \frac{1}{2}$  if, and only if,  $G/Z_n \cong S_3$ , where  $Z_n$  is the limit of the ascending central series of G.

#### References

- [1] P. Erdös and P. Turàn. On Some Problems of a Statistical Group Theory, IV. Acta Math. Acad. Science Hung., 19 (1968), 413-435.
- [2] W. H. Gustafson. What is the Probability That Two Group Elements Commute?. American Mathematical Monthly, 80 (1973) 1031-1034.

#### Computer Generated Data

In the computation of the generating function, N(x;G) we used the fact that If  $a, b, c, d \in G$  with aZ = bZ and cZ = dZ, then  $N(\langle a, c \rangle) = N(\langle b, d \rangle)$ .

The following procedures were run on a VAX 8650 using Cayley V3.7.2 to collect our data. TRANIL was used to compute the generating function, N(x;G), for each group of order less than 100. Due to a bug in the version of Cayley we were using, in groups with small centers the procedure was broken into four individual parts and the results summed to produce the generating function.

```
procedure tranil(g);
     print 'Nil. class of g:', nilpotency class(g);
     h=transversal(g,center(g));
     csize=order(center(g));
     nilseq=seq(0,0,0,0,0,0,0);
     for i = 1 to order(h) do
           for j = 1 to order(h) do
                sub=<h[i],h[j]>;
                nilnum=nilpotency class(sub);
                nilseq[nilnum+1]=nilseq[nilnum+1]+1;
           end:
     end;
     sub=null;
     h=null;
     g=null;
     nilseq[1]=nilseq[1]*csize^2;
     nilseq[2]=nilseq[2]*csize^2;
     nilseq[3]=nilseq[3]*csize^2;
     nilseq[4]=nilseq[4]*csize^2;
     nilseq[5]=nilseq[5]*csize^2;
     nilseq[6]=nilseq[6]*csize^2;
     nilseq[7]=nilseq[7]*csize^2;
     print nilseq[1],' ',nilseq[2],' ',nilseq[3],' ',nilseq[4],' ',
          nilseq[5], '', nilseq[6], '', nilseq[7];
end;
```

RCOMM was used to calculate the number of commutators of length i that produce the identity in a random sample of j commutators. This procedure was used only with groups too large to calculate all of the commutators.

```
procedure rcomm(g,i,j);
    yy=nilpotency class(G);
    count=0;
    for i1=1 to j do
        comm=(ranelt(g),ranelt(g));
        for i2=3 to i do
            comm=(comm,ranelt(g));
        end;
        if comm eq identity then count = count +1;end;
    end;
    print count;
end;
```

The abbreviations in the table entitled "3/8 Bound for 2-Groups" are:

m The nilpotency class of the group, G.

Predicted The predicted number of subgroups generated by ordered pairs of

elements with nilpotency class m.

Actual The actual number of subgroups generated by ordered pairs of

elements with nilpotency class m.

Number Generated The number of subgroups generated.

Percent of Class m Actual Number Generated

Percent Error from 3/8 Percent of Class m - 3/8 3/8

The abbreviations in the table entitled "Generating Function for Groups of Order 100 or Less" are:

|G| The order of the group.

n G is the nth group of order |G| in the Cayley GPS100.TLB library.

m The nilpotency class of the group G.

|Z| The order of the center of the group G.

 $k_{-i}$   $k_{-i} = k_i$ . For i = 0, 1, 2, 3, 4, 5, this is  $k_i = p_i |G|$ .

 $p_{-i}$   $p_{-i} = p_i$ .

3/8 Bound for 2-Groups

	Statistical								Exact						
	gps256			gps128			gps64			gps32			gps16		
	d2			d2	***************************************	53	52	51	20	19	18	9	4	ω	-
540	539	538	162	161	160									The state of the s	
Total	Total	Total													
7	7	7	6	6	6	5	5	5	4	4	4	3	3	3	m
6144	6144	6144	6144	6144	6144	1536	1536	1536	384	384	384	96	96	96	Predicted
6143	6118	6213	6144	6144	6144	1536	1536	1536	384	384	384	96	96	96	Actual
16384	16384	16384	16384	16384	16384	4096	4096	4096	1024	1024	1024	256	256	256	Number Generated
0.3749389648438	0.3734130859375	0.3792114257813	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	Percent of Class m
-0.0162760417	-0.4231770833	1.123046875	0	0	0	0	0	0	0	0	0	0	0	0	Percent Error from 3/8

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5	8	6	6	9	7	10	10	10	10	7	7	10	10	5	6	4	6	4	5	5	ω	<u>~</u>
0	0	0	0	0	ω	6	6	6	6	3	3	6	6	0	0	0	0	0	3	3	0	k_2
0	0	0	0	0	6	0	0	0	0	6	6	0	0	0	0	0	0	0	0	0	0	k_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_5
0.75	0.6	0.6667	0.6667	0.5	0	0	0	0	0	0	0	0	0	0.6429	0.5	0.6667	0.5	0.6	0	0	0.5	p_0
0.25	0.4	0.3333	0.3333	0.5	0.4375	0.625	0.625	0.625	0.625	0.4375	0.4375	0.625	0.625	0.3571	0.5	0.3333	0.5	0.4	0.625	0.625	0.5	p_1
0	0	0	0	0	0.1875	0.375	0.375	0.375	0.375	0.1875	0.1875	0.375	0.375	0	0	0	0	0	0.375	0.375	0	p_2
0	0	0	0	0	0.375	0	0	0	0	0.375	0.375	0	0	0	0	0	0	0	0	0	0	p_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_5

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15	18	18	18	0	0	18	12	12	12	16	16	12	12	12	0	0	12	16	15	16	12	k_0
15	12	10	10	11	11	8	9	12	9	7	5	9	12	12	15	15	12	∞	7	5	8	k_1
0	0	0	0	16	16	0	3	0	3	1	3	3	0	0	9	9	0	0	0	0	0	k_2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_5
0.5	0.6	0.6429	0.6429	0	0	0.6923	0.5	0.5	0.5	0.6667	0.6667	0.5	0.5	0.5	0	0	0.5	0.6667	0.6818	0.7619	0.6	p_0
0.5	0.4	0.3571	0.3571	0.4074	0.4074	0.3077	0.375	0.5	0.375	0.2917	0.2083	0.375	0.5	0.5	0.625	0.625	0.5	0.3333	0.3182	0.2381	0.4	p_1
0	0	0	0	0.5926	0.5926	0	0.125	0	0.125	0.0417	0.125	0.125	0	0	0.375	0.375	0	0	0	0	0	p_2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_5

32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	30	G
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32	11	<b>—</b>	11	20	32	14	14	14	20	14	14	14	11	11	11	20	20	32	20	32	9	k_1
0	3	3	ω	12	0	6	6	6	12	6	6	6	9	9	9	12	12	0	12	0	0	k_2
0	6	6	6	0	0	12	12	12	0	12	12	12	12	12	12	0	0	0	0	0	0	k_3
0	12	12	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_5
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.7	p_0
	0.3438	0.3438	0.3438	0.625	_	0.4375	0.4375	0.4375	0.625	0.4375	0.4375	0.4375	0.3438	0.3438	0.3438	0.625	0.625	_	0.625	-	0.3	p_1
0	0.0938	0.0938	0.0938	0.375	0	0.1875	0.1875	0.1875	0.375	0.1875	0.1875	0.1875	0.2813	0.2813	0.2813	0.375	0.375	0	0.375	0	0	p_2
0	0.1875	0.1875	0.1875	0	0	0.375	0.375	0.375	0	0.375	0.375	0.375	0.375	0.375	0.375	0	0	0	0	0	0	p_3
0	0.375	0.375	0.375	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_4
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0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_5
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_0
0.3438	0.4375	0.4375	0.4375	0.4375	0.625	0.625	<b></b>	0.4375	0.4375	0.4375	0.4375	0.4375	0.4375	0.4375	0.4375	0.4375	0.625	0.625	0.625	0.625	0.625	p_1
0.2813	0.1875	0.1875	0.1875	0.1875	0.375	0.375	0	0.5625	0.5625	0.5625	0.5625	0.5625	0.5625	0.5625	0.5625	0.5625	0.375	0.375	0.375	0.375	0.375	p_2
0.375	0.375	0.375	0.375	0.375	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_5

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25	7		6	9	12	12	12	12	12	12	18	18	10	32	17	17	20	20	20	32		k_1
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	15	12	12	12	0	9	k_2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	k_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_5
0	0.8205	0.7105	0.8333	0.75	0.6667	0.6667	0.6667	0.6667	0.6667	0.6667	0.5	0.5	0.7059	0	0	0	0	0	0	0	0	p_0
0.625	0.1795	0.2895	0.1667	0.25	0.3333	0.3333	0.3333	0.3333	0.3333	0.3333	0.5	0.5	0.2941	_	0.5313	0.5313	0.625	0.625	0.625	1	0.3438	p_1
0.375	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.4688	0.4688	0.375	0.375	0.375	0	0.2813	p_2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.375	p_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_5

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12	12	12	12	12	2	2	-	7	1	3	2	2	2	2	2	2	4	4	4	4	10	IZI
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30	30	30	30	30	14	14	12	21	7	15	10	10	10	13	13	13	16	16	16	16	25	k_1
18	18	18	18	18	0	0	0	0	0	0	0	0	0	ယ	3	သ	0	0	0	0	15	k_2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_5
0	0	0	0	0	0.6818	0.6818	0.7143	0.5	0.8333	0.6429	0.7619	0.75	0.75	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0	p_0
0.625	0.625	0.625	0.625	0.625	0.3182	0.3182	0.2857	0.5	0.1667	0.3571	0.2381	0.25	0.25	0.325	0.325	0.325	0.4	0.4	0.4	0.4	0.625	p_1
0.375	0.375	0.375	0.375	0.375	0	0	0	0	0	0	0	0	0	0.075	0.075	0.075	0	0	0	0	0.375	p_2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_5

48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	G
27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	n
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	2	B
4	4	4	4	4	4	4	4	4	4	4	8	8	8	<b>«</b>	8	8	8	6	6	6	12	IZI
24	24	24	24	24	24	24	24	24	32	32	24	24	24	24	24	24	24	0	0	0	0	k_0
18	18	18	18	18	18	18	18	18	16	16	24	24	24	24	24	24	24	21	21	21	30	k_1
6	6	6	6	6	6	6	6	6	0	0	0	0	0	0	0	0	0	9	9	9	18	k_2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	18	18	0	k_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_5
0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6667	0.6667	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0	0	0	0	p_0
0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.3333	0.3333	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4375	0.4375	0.4375	0.625	p_1
0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0	0	0	0	0	0	0	0	0	0.1875	0.1875	0.1875	0.375	p_2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.375	0.375	0.375	0	p_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_5

	T	1		T	T	1	<u> </u>	T		1	T	T	T	T		T	T		T	T	T	
50	50	48	48	48	48	48	48	48	<b>4</b> 8	48	48	48	48	48	48	48	48	48	48	48	48	GI
2	-	47	45	45	4	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	n
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	В
1	5	-	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	4	4	Z
36	30	40	40	32	32	24	24	24	24	24	24	24	24	24	24	24	32	32	32	32	24	k_0
14	20	8	8	8	<b>∞</b>	12	12	12	12	15	15	15	15	15	15	15	10	10	14	14	18	<u>k_1</u>
0	0	0	0	2	2	6	6	6	6	3	3	3	9	9	9	9	6	6	2	2	6	k_2
0	0	0	0	6	6	6	6	6	6	6	6	6	0	0	0	0	0	0	0	0	0	k_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_5
0.72	0.6	0.8333	0.8333	0.6667	0.6667	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6667	0.6667	0.6667	0.6667	0.5	p_0
0.28	0.4	0.1667	0.1667	0.1667	0.1667	0.25	0.25	0.25	0.25	0.3125	0.3125	0.3125	0.3125	0.3125	0.3125	0.3125	0.2083	0.2083	0.2917	0.2917	0.375	p_1
0	0	0	0	0.0417	0.0417	0.125	0.125	0.125	0.125	0.0625	0.0625	0.0625	0.1875	0.1875	0.1875	0.1875	0.125	0.125	0.0417	0.0417	0.125	p_2
0	0	0	0	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0	0	0	0	0	0	0	0	0	p_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_5

56	56	56	56	56	55	54	54	54	54	54	54	54	54	54	54	54	54	52	52	52	50	G
5	4	သ	2	<b></b>	1	12	11	10	9	8	7	6	5	4	3	2	-	3	2	1	3	B
0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	B
4	4	4	14	14			,	-	<b>-</b>	_	3	3	3	9	9	6	6	<b>I</b>	2	2	<b></b>	IZI
36	36	36	0	0	48	39	39	39	36	36	36	36	36	27	27	0	0	45	36	36	36	k_0
20	20	20	35	35	7	15	15	15	10	10	10	18	18	27	27	22	22	7	16	16	14	k_1
0	0	0	21	21	0	0	0	0	∞	8	∞	0	0	0	0	32	32	0	0	0	0	k_2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_5
0.6429	0.6429	0.6429	0	0	0.8727	0.7222	0.7222	0.7222	0.6667	0.6667	0.6667	0.6667	0.6667	0.5	0.5	0	0	0.8654	0.6923	0.6923	0.72	p_0
0.3571	0.3571	0.3571	0.625	0.625	0.1273	0.2778	0.2778	0.2778	0.1852	0.1852	0.1852	0.3333	0.3333	0.5	0.5	0.4074	0.4074	0.1346	0.3077	0.3077	0.28	p_1
0	0	0	0.375	0.375	0	0	0	0	0.1481	0.1481	0.1481	0	0	0	0	0.5926	0.5926	0	0	0	0	p_2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_5

64	63	63	62	60	60	60	60	60	60	60	60	60	60	60	58	57	56	56	56	56	56	GI
	2		<b></b>	9	<b>∞</b>	7	6	S	4	3	2	1	10	1		_	10	9	8	7	6	n
_	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	B
2	ω	3		1	_	<b></b>	2	2	ယ	6	6	5	10	10	_	<b></b>	<b>—</b>	2	2	2	4	Z
0	48	48	45	48	42	42	45	36	36	40	30	55	51	30	42	48	48	36	36	36	36	k_0
2	15	15	17	12	18	18	15	24	24	20	30	5	9	30	16	9	8	17	17	17	20	k_1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	З	3	3	0	k_2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_5
0	0.7619	0.7619	0.7258	0.8	0.7	0.7	0.75	0.6	0.6	0.6667	0.5	0.9167	0.85	0.5	0.7241	0.8421	0.8571	0.6429	0.6429	0.6429	0.6429	p_0
-	0.2381	0.2381	0.2742	0.2	0.3	0.3	0.25	0.4	0.4	0.3333	0.5	0.0833	0.15	0.5	0.2759	0.1579	0.1429	0.3036	0.3036	0.3036	0.3571	p_1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0536	0.0536	0.0536	0	p_2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_5

2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	IGI
23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	∞	7	6	5	4	3	2	n
ω	သ	ယ	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	2	_	B
4	8	∞	<b>∞</b>	4	4	16	8	<b>%</b>	4	4	4	4	4	4	4	8	∞	4	4	16	64	IZI
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_0
22	28	28	28	22	22	40	28	28	19	19	19	19	19	19	19	28	28	22	22	40	64	<u>k</u> _1
18	12	12	12	42	42	24	12	12	21	21	21	21	21	21	21	12	12	18	18	24	0	k_2
24	24	24	24	0	0	0	24	24	24	24	24	24	24	24	24	24	24	24	24	0	0	k 3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	K_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_5
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_0
0.3438	0.4375	0.4375	0.4375	0.3438	0.3438	0.625	0.4375	0.4375	0.2969	0.2969	0.2969	0.2969	0.2969	0.2969	0.2969	0.4375	0.4375	0.3438	0.3438	0.625		p_1
0.2813	0.1875	0.1875	0.1875	0.6563	0.6563	0.375	0.1875	0.1875	0.3281	0.3281	0.3281	0.3281	0.3281	0.3281	0.3281	0.1875	0.1875	0.2813	0.2813	0.375	0	p_2
0.375	0.375	0.375	0.375	0	0	0	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0	0	p_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_5

2	2	2	2	2	2	2	2	2	2	64	2	2	2	2	2	2	2	2	2	64	2	IGI
45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	n
သ	2	4	4	4	4	4	4	4	4	4	4	4	4	3	3	2	2	2	1	3	3	B
∞	16	2	2	2	4	4	4	2	2	2	2	2	2	∞	4	16	4	16	2	4	4	IZI
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_0
28	40	16	16	16	22	22	22	22	13	13	13	13	13	28	22	40	22	40	64	22	22	k_1
12	24	12	12	12	6	6	6	6	15	15	15	15	15	12	18	24	42	24	0	18	18	k_2
24	0	12	12	12	12	12	12	12	12	12	12	12	12	24	24	0	0	0	0	24	24	k_3
0	0	24	24	24	24	24	24	24	24	24	24	24	24	0	0	0	0	0	0	0	0	k_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_5
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_0
0.4375	0.625	0.25	0.25	0.25	0.3438	0.3438	0.3438	0.3438	0.2031	0.2031	0.2031	0.2031	0.2031	0.4375	0.3438	0.625	0.3438	0.625	-	0.3438	0.3438	p_1
0.1875	0.375	0.1875	0.1875	0.1875	0.0938	0.0938	0.0938	0.0938	0.2344	0.2344	0.2344	0.2344	0.2344	0.1875	0.2813	0.375	0.6563	0.375	0	0.2813	0.2813	p_2
0.375	0	0.1875	0.1875	0.1875	0.1875	0.1875	0.1875	0.1875	0.1875	0.1875	0.1875	0.1875	0.1875	0.375	0.375	0	0	0	0	0.375	0.375	p_3
0	0	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0	0	0	0	0	0	0	0	p_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_5

2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	G
67	66	65	2	63	62	61	60	59	58	57	56	55	54	53	52	51	50	49	48	47	46	ם
2	2	2	2	2	2	2	2	2	2	2	2		5	5	5	2		4	4	4	4	В
∞	∞	∞	∞	∞	8	8	8	16	16	16	16	2	2	2	2	16	2	4	4	4	2	IZI
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_0
28	28	28	28	28	28	28	28	40	40	40	40	64	19	19	19	40	2	22	22	22	16	<u>~</u>
36	36	36	36	36	36	36	36	24	24	24	24	0	3	သ	3	24	0	6	6	6	12	k_2
0	0	0	0	0	0	0	0	0	0	0	0	0	6	6	6	0	0	12	12	12	12	k_3
0	0	0	0	0	0	0	0	0	0	0	0	0	12	12	12	0	0	24	24	24	24	k_4
0	0	0	0	0	0	0	0	0	0	0	0	0	24	24	24	0	0	0	0	0	0	k_5
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_0
0.4375	0.4375	0.4375	0.4375	0.4375	0.4375	0.4375	0.4375	0.625	0.625	0.625	0.625		0.2969	0.2969	0.2969	0.625		0.3438	0.3438	0.3438	0.25	p_1
0.5625	0.5625	0.5625	0.5625	0.5625	0.5625	0.5625	0.5625	0.375	0.375	0.375	0.375	0	0.0469	0.0469	0.0469	0.375	0	0.0938	0.0938	0.0938	0.1875	p_2
0	0	0	0	0	0	0	0	0	0	0	0	0	0.0938	0.0938	0.0938	0	0	0.1875	0.1875	0.1875	0	p_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0.1875	0.1875	0.1875	0	0	0.375	0.375	0.375	0	p_4
0 .	0	0	0	0	0	0	0	0	0	0	0	0	0.375	0.375	0.375	0	0	0	0	0	0	p_5

2	2	2	2	2	2	2	2	2	64	2	2	2	64	2	2	2	2	2	2	2	2	IGI
89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	n
2	2	2	2	2	2		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	m
∞	∞	16	16	16	16	2	∞	∞	∞	∞	8	<b>%</b>	8	8	8	8	∞	8	8	8	8	IZI
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_0
28	28	40	40	40	40	2	22	22	22	22	22	22	22	22	22	22	28	28	28	28	28	Ľ
36	36	24	24	24	24	0	42	42	42	42	42	42	42	42	42	42	36	36	36	36	36	k_2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_5
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_0
0.4375	0.4375	0.625	0.625	0.625	0.625	<b></b>	0.3438	0.3438	0.3438	0.3438	0.3438	0.3438	0.3438	0.3438	0.3438	0.3438	0.4375	0.4375	0.4375	0.4375	0.4375	p_1
0.5625	0.5625	0.375	0.375	0.375	0.375	0	0.6563	0.6563	0.6563	0.6563	0.6563	0.6563	0.6563	0.6563	0.6563	0.6563	0.5625	0.5625	0.5625	0.5625	0.5625	p_2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_5

24	2	62	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	64	G
111	110	109	108	107	106	105	104	103	102	101	100	99	98	97	96	95	94	93	92	91	90	n
3	3	သ	သ	ယ	ω	2	2	2	သ	3	3	3	3	3	3	3	3	3	3	3	3	В
4	8	4	∞	∞	∞	8	∞	16	4	∞	4	4	4	∞	∞	<b>%</b>	4	4	4	4	4	[2]
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_0
22	28	22	28	28	28	28	28	40	22	28	22	22	22	28	28	28	22	22	22	22	22	<u>r</u>
18	12	18	12	12	12	36	36	24	18	12	18	18	18	12	12	12	18	18	18	18	18	k_2
24	24	24	24	24	24	0	0	0	24	24	24	24	24	24	24	24	24	24	24	24	24	k_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_5
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_0
0.3438	0.4375	0.3438	0.4375	0.4375	0.4375	0.4375	0.4375	0.625	0.3438	0.4375	0.3438	0.3438	0.3438	0.4375	0.4375	0.4375	0.3438	0.3438	0.3438	0.3438	0.3438	p_1
0.2813	0.1875	0.2813	0.1875	0.1875	0.1875	0.5625	0.5625	0.375	0.2813	0.1875	0.2813	0.2813	0.2813	0.1875	0.1875	0.1875	0.2813	0.2813	0.2813	0.2813	0.2813	p_2
0.375	0.375	0.375	0.375	0.375	0.375	0	0	0	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	p_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_5

2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	ĪĠ
133	132	131	130	129	128	127	126	125	124	123	122	121	120	119	118	117	116	115	114	113	112	n
3	ယ	သ	3	3	3	2	2	3	3	3	3	3	3	3	3	2	2	2	2	2	2	m
4	4	4	4	4	4	∞	16	4	∞	4	4	4	<b>∞</b>	8	8	8	8	16	8	8	16	IZI
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_0
19	19	19	19	19	19	28	40	22	28	22	22	22	28	28	28	28	28	40	28	28	40	ř.
21	21	21	21	21	21	36	24	18	12	18	18	18	12	12	12	36	36	24	36	36	24	k_2
24	24	24	24	24	24	0	0	24	24	24	24	24	24	24	24	0	0	0	0	0	0	k_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_5
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_0
0.2969	0.2969	0.2969	0.2969	0.2969	0.2969	0.4375	0.625	0.3438	0.4375	0.3438	0.3438	0.3438	0.4375	0.4375	0.4375	0.4375	0.4375	0.625	0.4375	0.4375	0.625	p_1
0.3281	0.3281	0.3281	0.3281	0.3281	0.3281	0.5625	0.375	0.2813	0.1875	0.2813	0.2813	0.2813	0.1875	0.1875	0.1875	0.5625	0.5625	0.375	0.5625	0.5625	0.375	p_2
0.375	0.375	0.375	0.375	0.375	0.375	0	0	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0	0	0	0	0	0	p_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_5

2	24	2	24	2	2	2	2	2	2	64	2	2	2	2	2	2	2	2	2	2	2	<u> </u>
155	154	153	152	151	150	149	148	147	146	145	144	143	142	141	140	139	138	137	136	135	134	B
3	3	ယ	ယ	သ	သ	ယ	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	m
4	2	2	2	4	4	4	4	4	4	4	4	4	4	4	4	2	2	2	2	2	2	IZI
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_0
19	16	16	16	16	16	16	16	22	22	19	19	19	19	19	19	19	16	16	16	16	16	k_1
21	12	12	12	24	24	24	24 ·	18	18	21	21	21	21	21	21	21	30	18	18	18	18	k_2
24	36	36	36	24	24	24	24	24	24	24	24	24	24	24	24	24	18	30	30	30	30	k_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_5
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_0
0.2969	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.3438	0.3438	0.2969	0.2969	0.2969	0.2969	0.2969	0.2969	0.2969	0.25	0.25	0.25	0.25	0.25	p_1
0.3281	0.1875	0.1875	0.1875	0.375	0.375	0.375	0.375	0.2813	0.2813	0.3281	0.3281	0.3281	0.3281	0.3281	0.3281	0.3281	0.4688	0.2813	0.2813	0.2813	0.2813	p_2
0.375	0.5625	0.5625	0.5625	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.2813	0.4688	0.4688	0.4688	0.4688	p_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_5

2	2	64	64	2	2	64	2	2	2	2	64	2	2	2	2	2	64	2	2	24	64	
177	176	175	174	173	172	171	170	169	168	167	166	165	1 <u>2</u>	163	162	161	160	159	158	157	156	b
သ	3	3	3	3	3	3	3	3	3	3	3	3	သ	3	3	3	3	3	3	3	3	m
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	Z
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_0
16	22	22	22	22	16	16	16	16	22	22	22	19	19	19	19	19	19	19	19	19	19	k_1
24	18	18	18	18	24	24	24	24	18	18	18	21	21	21	21	21	21	21	21	21	21	k_2
24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	k_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_5
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_0
0.25	0.3438	0.3438	0.3438	0.3438	0.25	0.25	0.25	0.25	0.3438	0.3438	0.3438	0.2969	0.2969	0.2969	0.2969	0.2969	0.2969	0.2969	0.2969	0.2969	0.2969	p_1
0.375	0.2813	0.2813	0.2813	0.2813	0.375	0.375	0.375	0.375	0.2813	0.2813	0.2813	0.3281	0.3281	0.3281	0.3281	0.3281	0.3281	0.3281	0.3281	0.3281	0.3281	p_2
0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	p_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_5

2	2	64	2	2	2	64	2	2	2	2	2	2	64	2	2	2	64	2	2	2	2	IGI
199	198	197	196	195	194	193	192	191	190	189	188	187	186	185	184	183	182	181	180	179	178	п
2	2	2	2	2	2	2		4	4	4	4	4	4	2	2	1	3	3	3	သ	ယ	Ħ
4	16	16	16	16	16	16	2	2	2	4	4	4	4	16	16	2	4	4	4	4	4	IZI
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_0
34	40	40	40	40	40	40	64	16	16	22	22	22	22	40	40	64	16	22	22	22	16	k_1
30	24	24	24	24	24	24	0	12	12	6	6	6	6	24	24	0	24	18	18	18	24	k_2
0	0	0	0	0	0	0	0	12	12	12	12	12	12	0	0	0	24	24	24	24	24	k_3
0	0	0	0	0	0	0	0	24	24	24	24	24	24	0	0	0	0	0	0	0	0	k_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_5
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_0
0.5313	0.625	0.625	0.625	0.625	0.625	0.625	<b></b>	0.25	0.25	0.3438	0.3438	0.3438	0.3438	0.625	0.625	1	0.25	0.3438	0.3438	0.3438	0.25	p_1
0.4688	0.375	0.375	0.375	0.375	0.375	0.375	0	0.1875	0.1875	0.0938	0.0938	0.0938	0.0938	0.375	0.375	0	0.375	0.2813	0.2813	0.2813	0.375	p_2
0	0	0	0	0	0	0	0	0.1875	0.1875	0.1875	0.1875	0.1875	0.1875	0	0	0	0.375	0.375	0.375	0.375	0.375	p_3
0	0	0	0	0	0	0	0	0.375	0.375	0.375	0.375	0.375	0.375	0	0	0	0	0	0	0	0	p_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_5

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2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	G
221	220	219	218	217	216	215	214	213	212	211	210	209	208	207	206	205	204	203	202	201	200	n
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	В
4	4	4	4	4	4	4	8	∞	∞	∞	∞	∞	∞	∞	∞	∞	∞	∞	8	4	4	Z
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_0
22	22	22	22	22	22	22	28	28	28	28	28	28	28	28	28	28	28	28	28	34	34	k_1
42	42	42	42	42	42	42	36	36	36	36	36	36	36	36	36	36	36	36	36	30	30	k_2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_5
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_0
0.3438	0.3438	0.3438	0.3438	0.3438	0.3438	0.3438	0.4375	0.4375	0.4375	0.4375	0.4375	0.4375	0.4375	0.4375	0.4375	0.4375	0.4375	0.4375	0.4375	0.5313	0.5313	p_1
0.6563	0.6563	0.6563	0.6563	0.6563	0.6563	0.6563	0.5625	0.5625	0.5625	0.5625	0.5625	0.5625	0.5625	0.5625	0.5625	0.5625	0.5625	0.5625	0.5625	0.4688	0.4688	p_2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_5

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2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	G
243	242	241	240	239	238	237	236	235	234	233	232	231	230	229	228	227	226	225	224	223	222	n
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	m
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	IZI
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_0
19	19	19	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	22	22	22	22	Ľ
45	45	45	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	42	42	42	42	k_2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_5
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_0
0.2969	0.2969	0.2969	0.3906	0.3906	0.3906	0.3906	0.3906	0.3906	0.3906	0.3906	0.3906	0.3906	0.3906	0.3906	0.3906	0.3906	0.3906	0.3438	0.3438	0.3438	0.3438	p_1
0.7031	0.7031	0.7031	0.6094	0.6094	0.6094	0.6094	0.6094	0.6094	0.6094	0.6094	0.6094	0.6094	0.6094	0.6094	0.6094	0.6094	0.6094	0.6563	0.6563	0.6563	0.6563	p_2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_5

64	64	2	64	64	2	2	2	2	2	2	64	2	2	2	2	2	2	2	2	2	2	<u></u>
265	264	263	262	261	260	259	258	257	256	255	254	253	252	251	250	249	248	247	246	245	244	n
2	2	2	2	2		3	3	3	သ	3	3	3	3	3	3	2	2	2	1	2	2	m
4	4	16	16	16	2	2	2	2	4	4	4	∞	∞	∞	∞	4	16	16	64	4	4	IZI
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_0
34	34	40	40	40	2	22	22	22	22	22	22	28	28	28	28	34	40	40	64	19	19	K.
30	30	24	24	24	0	18	18	18	18	18	18	12	12	12	12	30	24	24	0	45	45	k_2
0	0	0	0	0	0	24	24	24	24	24	24	24	24	24	24	0	0	0	0	0	0	k_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_5
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_0
0.5313	0.5313	0.625	0.625	0.625	_	0.3438	0.3438	0.3438	0.3438	0.3438	0.3438	0.4375	0.4375	0.4375	0.4375	0.5313	0.625	0.625	<b>J1</b>	0.2969	0.2969	p_1
0.4688	0.4688	0.375	0.375	0.375	0	0.2813	0.2813	0.2813	0.2813	0.2813	0.2813	0.1875	0.1875	0.1875	0.1875	0.4688	0.375	0.375	0	0.7031	0.7031	p_2
0	0	0	0	0	0	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0	0	0	0	0	0	p_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_5

72	72	72	72	72	72	72	72	72	72	72	70	70	70	68	68	68	66	66	66	64	22	IGI
1	10	9	∞	7	6	5	4	သ	2	<b></b>	3	2	1	ယ	2		3	2	1	267	266	n
0	0	0	0	0	0	0	2	2	2	2	0	0	0	0	0	0	0	0	0	1	2	m
4	6	6	12	12	12	12	18	18	18	18	1	5	7		2	2		3	11	2	4	Z
48	48	48	36	36	36	36	0	0	0	0	51	45	42	60	48	48	48	45	33	0	0	k_0
24	24	24	36	36	36	36	45	45	45	45	19	25	28	8	20	20	18	21	33	64	34	k_1
0	0	0	0	0	0	0	27	27	27	27	0	0	0	0	0	0	0	0	0	0	30	k_2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_5
0.6667	0.6667	0.6667	0.5	0.5	0.5	0.5	0	0	0	0	0.7286	0.6429	0.6	0.8824	0.7059	0.7059	0.7273	0.6818	0.5	0	0	p_0
0.3333	0.3333	0.3333	0.5	0.5	0.5	0.5	0.625	0.625	0.625	0.625	0.2714	0.3571	0.4	0.1176	0.2941	0.2941	0.2727	0.3182	0.5	<b>,</b>	0.5313	p_1
0	0	0	0	0	0	0	0.375	0.375	0.375	0.375	0	0	0	0	0	0	0	0	0	0	0.4688	p_2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_5

		T	· · · · · · · · · · · · · · · · · · ·			·	·	· · · · · · · · ·					-y		.,							
72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	IGI
33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	В
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	B
2	2	2	2	2	2	2	2	2	3	6	6	6	6	6	4	4	4	4	4	4	4	IZI
48	48	48	48	60	60	54	54	54	48	48	48	36	36	36	48	48	48	48	48	48	48	k_0
21	21	21	21	12	12	18	18	18	15	21	21	27	27	27	24	24	24	24	24	24	24	k_1
3	3	ω	ω	0	0	0	0	0	9	3	3	9	9	9	0	0	0	0	0	0	0	k_2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_5
0.6667	0.6667	0.6667	0.6667	0.8333	0.8333	0.75	0.75	0.75	0.6667	0.6667	0.6667	0.5	0.5	0.5	0.6667	0.6667	0.6667	0.6667	0.6667	0.6667	0.6667	p_0
0.2917	0.2917	0.2917	0.2917	0.1667	0.1667	0.25	0.25	0.25	0.2083	0.2917	0.2917	0.375	0.375	0.375	0.3333	0.3333	0.3333	0.3333	0.3333	0.3333	0.3333	p_1
0.0417	0.0417	0.0417	0.0417	0	0	0	0	0	0.125	0.0417	0.0417	0.125	0.125	0.125	0	0	0	0	0	0	0	p_2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_5

80	80	78	78	78	78	78	76	76	75	74	72	72	72	72	72	72	72	72	72	72	72	<u></u>
2		5	4	သ	2		2			<b></b>	4	43	42	41	40	39	38	37	36	35	34	n
2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	m
20	20	-	_	2	သ	13	2	2		-	_			<b>,</b>	,	-	2	2	2	2	2	Z
0	0	57	70	64	54	39	54	54	64	54	60	60	63	60	60	63	54	54	54	48	48	k_0
50	50	21	8	14	24	39	22	22	11	20	9	9	6	9	12	9	15	15	15	21	21	<u>k</u> _1
30	30	0	0	0	0	0	0	0	0	0	3	3	3	3	0	0	3	3	3	3	3	k_2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_5
0	0	0.7308	0.8974	0.8205	0.6923	0.5	0.7105	0.7105	0.8533	0.7297	0.8333	0.8333	0.875	0.8333	0.8333	0.875	0.75	0.75	0.75	0.6667	0.6667	p_0
0.625	0.625	0.2692	0.1026	0.1795	0.3077	0.5	0.2895	0.2895	0.1467	0.2703	0.125	0.125	0.0833	0.125	0.1667	0.125	0.2083	0.2083	0.2083	0.2917	0.2917	p_1
0.375	0.375	0	0	0	0	0	0	0	0	0	0.0417	0.0417	0.0417	0.0417	0	0	0.0417	0.0417	0.0417	0.0417	0.0417	p_2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_5

80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	IGI
24	23	22	21	20	19	18	17	16	15	14	13	12		10	9	∞	7	6	5	4	သ	n
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	2	2	2	2	m
4	4	4	4	4	4	4	4	8	8	8	8	<b>«</b>	8	8	10	10	10	20	20	20	20	IZI
48	48	48	60	60	60	60	60	48	48	48	48	48	48	48	0	0	0	0	0	0	0	k_0
26	26	26	20	20	20	20	20	32	32	32	32	32	32	32	35	35	35	50	50	50	50	k_1
6	6	6	0	0	0	0	0	0	0	0	0	0	0	0	15	15	15	30	30	30	30	k_2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	0	0	0	0	k_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_5
0.6	0.6	0.6	0.75	0.75	0.75	0.75	0.75	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0	0	0	0	0	0	0	p_0
0.325	0.325	0.325	0.25	0.25	0.25	0.25	0.25	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4375	0.4375	0.4375	0.625	0.625	0.625	0.625	p_1
0.075	0.075	0.075	0	0	0	0	0	0	0	0	0	0	0	0	0.1875	0.1875	0.1875	0.375	0.375	0.375	0.375	p_2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.375	0.375	0.375	0	0	0	0	p_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_5

80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	G
46	45	4	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	n
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	В
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	4	4	4	4	4	4	Z
48	48	48	48	48	48	48	60	60	60	60	48	48	48	48	48	48	48	48	48	48	48	k_0
23	23	23	17	17	17	17	14	14	14	14	20	20	20	20	26	26	26	26	26	26	26	<u>K</u>
3	3	ω	9	9	9	9	6	6	6	6	12	12	12	12	6	6	6	6	6	6	6	k_2
6	6	6	6	6	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_5
0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.75	0.75	0.75	0.75	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	p_0
0.2875	0.2875	0.2875	0.2125	0.2125	0.2125	0.2125	0.175	0.175	0.175	0.175	0.25	0.25	0.25	0.25	0.325	0.325	0.325	0.325	0.325	0.325	0.325	p_1
0.0375	0.0375	0.0375	0.1125	0.1125	0.1125	0.1125	0.075	0.075	0.075	0.075	0.15	0.15	0.15	0.15	0.075	0.075	0.075	0.075	0.075	0.075	0.075	p_2
0.075	0.075	0.075	0.075	0.075	0.075	0.075	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_5

84	84	84	84	84	84	84	84	84	84	82	81	81	81	81	81	81	81	81	81	81	80	G
10	9	∞	7	6	5	4	ယ	2	_		10	9	8	7	6	5	4	3	2	<b></b>	47	b
0	0	0	0	0	0	0	0	0	0	0	3	3	3	3	2	2	2	2	2	2	0	B
2	2	2	4	4	6	6	7	14	14	1	3	3	သ	ယ	9	9	9	9	9	9	_	IZI
60	70	70	2	64	54	54	56	42	42	60	0	0	0	0	0	0	0	0	0	0	72	k_0
24	14	14	20	20	30	30	28	42	42	22	17	17	17	17	33	33	33	33	33	33	8	k_1
0	0	0	0	0	0	0	0	0	0	0	16	16	16	16	48	48	48	48	48	48	0	k_2
0	0	0	0	0	0	0	0	0	0	0	48	48	48	48	0	0	0	0	0	0	0	k_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_5
0.7143	0.8333	0.8333	0.7619	0.7619	0.6429	0.6429	0.6667	0.5	0.5	0.7317	0	0	0	0	0	0	0	0	0	0	0.9	p_0
0.2857	0.1667	0.1667	0.2381	0.2381	0.3571	0.3571	0.3333	0.5	0.5	0.2683	0.2099	0.2099	0.2099	0.2099	0.4074	0.4074	0.4074	0.4074	0.4074	0.4074	0.1	p_1
0	0	0	0	0	0	0	0	0	0	0	0.1975	0.1975	0.1975	0.1975	0.5926	0.5926	0.5926	0.5926	0.5926	0.5926	0	p_2
0	0	0	0	0	0	0	0	0	0	0	0.5926	0.5926	0.5926	0.5926	0	0	0	0	0	0	0	p_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_5

92	90	90	90	90	90	90	90	90	88	88	88	88	88	88	88	88	88	86	84	84	84	IGI
	8	7	6	5	4	3	2	<b>}</b>	9	<b>%</b>	7	6	5	4	3	2			13	12	11	B
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	m
2	1		3	9	9	5	5	15	2	2	2	4	4	4	4	22	22				2	IZI
66	66	66	63	54	54	60	60	45	60	60	60	60	60	60	60	0	0	63	72	69	60	k_0
26	24	24	27	36	36	30	30	45	25	25	25	28	28	28	28	55	55	23	12	15	24	k_1
0	0	0	0	0	0	0	0	0	3	3	ယ	0	0	0	0	33	33	0	0	0	0	k_2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_5
0.7174	0.7333	0.7333	0.7	0.6	0.6	0.6667	0.6667	0.5	0.6818	0.6818	0.6818	0.6818	0.6818	0.6818	0.6818	0	0	0.7326	0.8571	0.8214	0.7143	p_0
0.2826	0.2667	0.2667	0.3	0.4	0.4	0.3333	0.3333	0.5	0.2841	0.2841	0.2841	0.3182	0.3182	0.3182	0.3182	0.625	0.625	0.2674	0.1429	0.1786	0.2857	p_1
0	0	0	0	0	0	0	0	0	0.0341	0.0341	0.0341	0	0	0	0	0.375	0.375	0	0	0	0	p_2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_5

96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	94	93	92	IGI
19	18	17	16	15	14	13	12	11	10	9	∞	7	6	5	4	ω	2	1	_	_	2	n
3	3	3	သ	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	0	0	m
12	12	12	12	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24		_	2	IZI_
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	69	80	66	k_0
42	42	42	42	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	25	13	26	k_1
18	18	18	18	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	0	0	0	k_2
36	36	36	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_5
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.734	0.8602	0.7174	p_0
0.4375	0.4375	0.4375	0.4375	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.266	0.1398	0.2826	p_1
0.1875	0.1875	0.1875	0.1875	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0	0	0	p_2
0.375	0.375	0.375	0.375	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_5

96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	Ω
41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	В
3	3	3	သ	3	2	2	2	2	2	2	2	2	2	2	2	သ	3	3	သ	ယ	သ	B
6	6	6	6	6	6	6	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	ĪZ!
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_0
33	33	33	33	33	51	51	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	<u>k_1</u>
27	27	27	27	27	45	45	54	54	54	54	54	54	54	54	54	18	18	18	18	18	18	k_2
36	36	36	36	36	0	0	0	0	0	0	0	0	0	0	0	36	36	36	36	36	36	k_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_5
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_0
0.3438	0.3438	0.3438	0.3438	0.3438	0.5313	0.5313	0.4375	0.4375	0.4375	0.4375	0.4375	0.4375	0.4375	0.4375	0.4375	0.4375	0.4375	0.4375	0.4375	0.4375	0.4375	p_1
0.2813	0.2813	0.2813	0.2813	0.2813	0.4688	0.4688	0.5625	0.5625	0.5625	0.5625	0.5625	0.5625	0.5625	0.5625	0.5625	0.1875	0.1875	0.1875	0.1875	0.1875	0.1875	p_2
0.375	0.375	0.375	0.375	0.375	0	0	0	0	0	0	0	0	0	0	0	0.375	0.375	0.375	0.375	0.375	0.375	p_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_5

96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	G
63	62	61	60	59	58	57	56	55	54	53	52	51	50	49	48	47	46	45	44	43	42	п
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	4	m
4	8	4	∞	∞	4	∞	16	16	16	16	16	16	16	16	16	16	16	16	6	6	6	IZI
48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	0	0	0	k_0
30	36	30	36	36	30	36	48	48	48	48	48	48	48	48	48	48	48	48	33	33	33	k_1
18	12	18	12	12	18	12	0	0	0	0	0	0	0	0	0	0	0	0	9	9	9	k_2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	18	18	k_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36	36	36	k_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_5
0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0	0	0	p_0
0.3125	0.375	0.3125	0.375	0.375	0.3125	0.375	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.3438	0.3438	0.3438	p_1
0.1875	0.125	0.1875	0.125	0.125	0.1875	0.125	0	0	0	0	0	0	0	0	0	0	0	0	0.0938	0.0938	0.0938	p_2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1875	0.1875	0.1875	p_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.375	0.375	0.375	p_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_5

96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	īG
85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66	65	2	n
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	B
4	∞	∞	4	4	8	4	4	4	8	8	8	4	8	∞	4	8	8	4	8	4	4	IZI
48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	k_0
30	36	36	30	30	36	30	30	30	36	36	36	30	36	36	30	36	36	30	36	30	30	<u>K</u>
18	12	12	18	18	12	18	18	18	12	12	12	18	12	12	18	12	12	18	12	18	18	k_2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_5
0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	p_0
0.3125	0.375	0.375	0.3125	0.3125	0.375	0.3125	0.3125	0.3125	0.375	0.375	0.375	0.3125	0.375	0.375	0.3125	0.375	0.375	0.3125	0.375	0.3125	0.3125	p_1
0.1875	0.125	0.125	0.1875	0.1875	0.125	0.1875	0.1875	0.1875	0.125	0.125	0.125	0.1875	0.125	0.125	0.1875	0.125	0.125	0.1875	0.125	0.1875	0.1875	p_2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_5

96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96-	96	96	G
107	106	105	104	103	102	101	100	99	98	97	96	95	94	93	92	91	90	89	88	87	86	n
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	m
4	2	4	4	2	4	4	2	4	∞	∞	∞	∞	∞	∞	∞	∞	∞	4	4	8	4	IZI
48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	k_0
30	21	24	24	21	30	24	21	30	36	36	36	36	36	36	36	36	36	30	30	36	30	<u>k_</u> 1
6	9	12	12	9	6	12	9	6	12	12	12	12	12	12	12	12	12	18	18	12	18	k_2
12	18	12	12	18	12	12	18	12	0	0	0	0	0	0	0	0	0	0	0	0	0	k_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_5
0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	p_0
0.3125	0.2188	0.25	0.25	0.2188	0.3125	0.25	0.2188	0.3125	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.3125	0.3125	0.375	0.3125	p_1
0.0625	0.0938	0.125	0.125	0.0938	0.0625	0.125	0.0938	0.0625	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.1875	0.1875	0.125	0.1875	p_2
0.125	0.1875	0.125	0.125	0.1875	0.125	0.125	0.1875	0.125	0	0	0	0	0	0	0	0	0	0	0	0	0	p_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_5

96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	G
129	128	127	126	125	124	123	122	121	120	119	118	117	116	115	114	113	112	111	110	109	108	n
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	B
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	2	2	4	2	4	ZI
48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	k_0
24	24	30	30	24	24	24	30	24	30	24	24	30	24	24	30	24	21	21	30	21	24	k_1
24	12	6	6	12	12	12	6	12	6	12	12	6	12	12	6	12	9	9	6	9	12	k_2
0	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	18	18	12	18	12	k_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_5
0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	p_0
0.25	0.25	0.3125	0.3125	0.25	0.25	0.25	0.3125	0.25	0.3125	0.25	0.25	0.3125	0.25	0.25	0.3125	0.25	0.2188	0.2188	0.3125	0.2188	0.25	p_1
0.25	0.125	0.0625	0.0625	0.125	0.125	0.125	0.0625	0.125	0.0625	0.125	0.125	0.0625	0.125	0.125	0.0625	0.125	0.0938	0.0938	0.0625	0.0938	0.125	p_2
0	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.1875	0.1875	0.125	0.1875	0.125	p_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_5

		Ī	T	T	T		T		T	[	Ţ	T		T	T	<u> </u>	T	T	[	T	T	
96	96	96	96	%	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	G
151	150	149	148	147	146	145	144	143	142	141	140	139	138	137	136	135	134	133	132	131	130	ם
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	m
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	IZI
48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	k_0
24	24	24	24	30	24	24	24	24	30	24	24	24	24	30	24	24	30	30	24	30	24	K.
24	24	24	24	18	24	24	24	24	18	24	24	24	24	18	24	24	18	18	24	18	24	k_2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_5
0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	p_0
0.25	0.25	0.25	0.25	0.3125	0.25	0.25	0.25	0.25	0.3125	0.25	0.25	0.25	0.25	0.3125	0.25	0.25	0.3125	0.3125	0.25	0.3125	0.25	p_1
0.25	0.25	0.25	0.25	0.1875	0.25	0.25	0.25	0.25	0.1875	0.25	0.25	0.25	0.25	0.1875	0.25	0.25	0.1875	0.1875	0.25	0.1875	0.25	p_2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_5

96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	<u> </u>
173	172	171	170	169	168	167	166	165	164	163	162	161	160	159	158	157	156	155	154	153	152	B
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	m
2	2	2	2	2	2	2	2	2	2	2	2	4	4	4	4	4	4	4	4	4	4	IZI
48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	k_0
18	18	21	21	21	18	18	21	27	27	27	27	24	24	30	24	24	30	24	24	30	24	k_1
12	12	15	15	15	12	12	15	21	21	21	21	24	24	18	24	24	18	24	24	18	24	k_2
18	18	12	12	12	18	18	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_5
0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	<b>p_</b> 0
0.1875	0.1875	0.2188	0.2188	0.2188	0.1875	0.1875	0.2188	0.2813	0.2813	0.2813	0.2813	0.25	0.25	0.3125	0.25	0.25	0.3125	0.25	0.25	0.3125	0.25	p_1
0.125	0.125	0.1563	0.1563	0.1563	0.125	0.125	0.1563	0.2188	0.2188	0.2188	0.2188	0.25	0.25	0.1875	0.25	0.25	0.1875	0.25	0.25	0.1875	0.25	p_2
0.1875	0.1875	0.125	0.125	0.125	0.1875	0.1875	0.125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_5

	I																					
96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	GI
195	194	193	192	191	190	189	188	187	186	185	184	183	182	181	180	179	178	177	176	175	174	n
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	m
2	2	8	2	8	2	00	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	Z
64	64	64	80	64	80	64	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	k_0
20	20	32	16	32	16	32	18	27	18	18	27	18	27	21	21	21	21	21	21	21	21	k_1
12	12	0	0	0	0	0	6	3	6	6	3	6	3	15	15	15	15	15	15	15	15	k_2
0	0	0	0	0	0	0	12	6	12	12	6	12	6	12	12	12	12	12	12	12	12	k_3
0	0	0	0	0	0	0	12	12	12	12	12	12	12	0	0	0	0	0	0	0	0	k_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_5
0.6667	0.6667	0.6667	0.8333	0.6667	0.8333	0.6667	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	p_0
0.2083	0.2083	0.3333	0.1667	0.3333	0.1667	0.3333	0.1875	0.2813	0.1875	0.1875	0.2813	0.1875	0.2813	0.2188	0.2188	0.2188	0.2188	0.2188	0.2188	0.2188	0.2188	p_1
0.125	0.125	0	0	0	0	0	0.0625	0.0313	0.0625	0.0625	0.0313	0.0625	0.0313	0.1563	0.1563	0.1563	0.1563	0.1563	0.1563	0.1563	0.1563	p_2
0	0	0	0	0	0	0	0.125	0.0625	0.125	0.125	0.0625	0.125	0.0625	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	p_3
0	0	0	0	0	0	0	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0	0	0	0	0	0	0	0	p_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_5

96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	<u>G</u>
217	216	215	214	213	212	211	210	209	208	207	206	205	204	203	202	201	200	199	198	197	196	n
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	m
4	1	2	2	4	4	2	4	4	4	2	2	2	<b></b>		<u> </u>	2	8	8	8	2	8	Z
64	68	64	64	64	64	64	64	64	64	64	80	64	21.958	80	80	80	64	64	64	80	64	k_0
20	10	13	13	16	16	13	16	16	16	19	<b></b>	19	1.5417	10	10	12	28	28	28	12	28	<u>k</u> _1
12	6	7	7	4	4	7	4	4	4	13	5	13	0.5	6	6	4	4	4	4	4	4	k_2
0	12	12	12	12	12	12	12	12	12	0	0	0	0	0	0	0	0	0	0	0	0	k_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_5
0.6667	0.7083	0.6667	0.6667	0.6667	0.6667	0.6667	0.6667	0.6667	0.6667	0.6667	0.8333	0.6667	0.2287	0.8333	0.8333	0.8333	0.6667	0.6667	0.6667	0.8333	0.6667	p_0
0.2083	0.1042	0.1354	0.1354	0.1667	0.1667	0.1354	0.1667	0.1667	0.1667	0.1979	0.1146	0.1979	0.0161	0.1042	0.1042	0.125	0.2917	0.2917	0.2917	0.125	0.2917	p_1
0.125	0.0625	0.0729	0.0729	0.0417	0.0417	0.0729	0.0417	0.0417	0.0417	0.1354	0.0521	0.1354	0.0052	0.0625	0.0625	0.0417	0.0417	0.0417	0.0417	0.0417	0.0417	p_2
0	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0	0	0	0	0	0	0	0	0	0	0	0	p_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_5

100	100	100	100	100	100	100	100	100	100	100	100	98	98	98	96	96	96	96	96	96	96	G
12		10	9	8	7	6	5	4	3	2	1	3	2	1	224	223	222	221	220	219	218	В
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	B
<b></b>	<b></b>	<u> </u>	<b></b>	<b></b>	2	2	2	2	5	10	10	-	<b>}</b>	7	<b></b>	2	4	4	2	2	4	[Z]
90	87	90	90	84	72	72	72	72	75	60	60	72	72	63	68	64	64	64	64	64	64	k_0
10	13	10	10	16	28	28	28	28	25	40	40	26	26	35	10	14	20	20	14	14	20	k_1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	18	12	12	18	18	12	k_2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	k_5
0.9	0.87	0.9	0.9	0.84	0.72	0.72	0.72	0.72	0.75	0.6	0.6	0.7347	0.7347	0.6429	0.7083	0.6667	0.6667	0.6667	0.6667	0.6667	0.6667	p_0
0.1	0.13	0.1	0.1	0.16	0.28	0.28	0.28	0.28	0.25	0.4	0.4	0.2653	0.2653	0.3571	0.1042	0.1458	0.2083	0.2083	0.1458	0.1458	0.2083	p_1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1875	0.1875	0.125	0.125	0.1875	0.1875	0.125	p_2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	p_5