

Obs	a	b	c	d	e	n	i	y
1	0	0	0	0	1	2	1	10
2	0	0	0	0	1	2	2	15
3	0	0	0	1	0	2	1	12
4	0	0	0	1	0	2	2	18
5	0	0	1	0	0	2	1	18
6	0	0	1	0	0	2	2	13
7	0	0	1	1	1	2	1	13
8	0	0	1	1	1	2	2	19
9	0	1	0	0	0	2	1	15
10	0	1	0	0	0	2	2	11
11	0	1	0	1	1	2	1	9
12	0	1	0	1	1	2	2	13
13	0	1	1	0	1	2	1	9
14	0	1	1	0	1	2	2	16
15	0	1	1	1	0	2	1	11
16	0	1	1	1	0	2	2	16
17	1	0	0	0	0	2	1	13
18	1	0	0	0	0	2	2	18
19	1	0	0	1	1	2	1	11
20	1	0	0	1	1	2	2	17
21	1	0	1	0	1	2	1	14
22	1	0	1	0	1	2	2	20
23	1	0	1	1	0	2	1	14
24	1	0	1	1	0	2	2	18
25	1	1	0	0	1	2	1	10
26	1	1	0	0	1	2	2	14
27	1	1	0	1	0	2	1	10
28	1	1	0	1	0	2	2	17
29	1	1	1	0	0	2	1	13
30	1	1	1	0	0	2	2	17
31	1	1	1	1	1	2	1	10
32	1	1	1	1	1	2	2	16

The GLM Procedure

Class Level Information		
Class	Levels	Values
a	2	0 1
b	2	0 1
c	2	0 1
d	2	0 1

Number of Observations Read	32
Number of Observations Used	32

The GLM Procedure

Dependent Variable: y

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	15	86.8750000	5.7916667	0.40	0.9564
Error	16	229.0000000	14.3125000		
Corrected Total	31	315.8750000			

R-Square	Coeff Var	Root MSE	y Mean
0.275030	26.90266	3.783186	14.06250

Source	DF	Type I SS	Mean Square	F Value	Pr > F
a	1	6.12500000	6.12500000	0.43	0.5223
b	1	40.50000000	40.50000000	2.83	0.1119
a*b	1	0.00000000	0.00000000	0.00	1.0000
c	1	18.00000000	18.00000000	1.26	0.2786
a*c	1	0.00000000	0.00000000	0.00	1.0000
b*c	1	1.12500000	1.12500000	0.08	0.7828
a*b*c	1	0.12500000	0.12500000	0.01	0.9267
d	1	0.12500000	0.12500000	0.01	0.9267
a*d	1	3.12500000	3.12500000	0.22	0.6466
b*d	1	0.50000000	0.50000000	0.03	0.8541
a*b*d	1	4.50000000	4.50000000	0.31	0.5828
c*d	1	0.50000000	0.50000000	0.03	0.8541
a*c*d	1	2.00000000	2.00000000	0.14	0.7134
b*c*d	1	0.12500000	0.12500000	0.01	0.9267
a*b*c*d	1	10.12500000	10.12500000	0.71	0.4127

Source	DF	Type III SS	Mean Square	F Value	Pr > F
a	1	6.12500000	6.12500000	0.43	0.5223
b	1	40.50000000	40.50000000	2.83	0.1119
a*b	1	0.00000000	0.00000000	0.00	1.0000
c	1	18.00000000	18.00000000	1.26	0.2786
a*c	1	0.00000000	0.00000000	0.00	1.0000
b*c	1	1.12500000	1.12500000	0.08	0.7828
a*b*c	1	0.12500000	0.12500000	0.01	0.9267
d	1	0.12500000	0.12500000	0.01	0.9267
a*d	1	3.12500000	3.12500000	0.22	0.6466
b*d	1	0.50000000	0.50000000	0.03	0.8541

The GLM Procedure

Dependent Variable: y

Source	DF	Type III SS	Mean Square	F Value	Pr > F
a*b*d	1	4.50000000	4.50000000	0.31	0.5828
c*d	1	0.50000000	0.50000000	0.03	0.8541
a*c*d	1	2.00000000	2.00000000	0.14	0.7134
b*c*d	1	0.12500000	0.12500000	0.01	0.9267
a*b*c*d	1	10.12500000	10.12500000	0.71	0.4127