

1. Assign symbols to variables, then write a general linear model to analyze the following data (Daniel 1995 Ex 8.17 p337)

17. The following table shows the emotional maturity scores of 27 young adult males cross-classified by age and the extent to which the use marijuana.

Age (Factor A)	Marijuana Use (Factor B)		
	Never	Occasional	Daily
15-19	25	18	17
	28	23	24
	22	19	19
20-24	28	16	18
	32	24	22
	30	20	20
25-29	25	14	10
	35	16	8
	30	15	12

Name	Symbol
_____	_____
_____	_____
_____	_____

GLM _____ = _____

2. Complete the ANOVA table for the data in the example above.

Source	DF	SS	MS	F	P
FactorA	___	113.0	_____	4.02	0.036
FactorB	___	779.6	389.81	27.77	0.000
A*B	___	175.9	43.98	_____	0.040
Error	___	_____	14.04		
Total	26	1321.2			

3. Write an H_A / H_0 pair for Factor A.