

Nested Design Exercise

Respond to the following questions individually then discuss your answers in your group. You should hand in your individual response. We will discuss your group responses and then I will lecture on advanced topics.

1. Suppose you had been provided the table below, in which a nested design had been run as a crossed factorial design. Reconstruct the correct ANOVA table, assuming that B is nested in A (A fixed, B random).

Source	df	SS	MS	F	p-value
A	2	15	7.5	2.5	.10
B	3	24	8	2.67	.07
A*B	6	42	7	2.33	.06
Error	24	72	3		
Total	35	153			