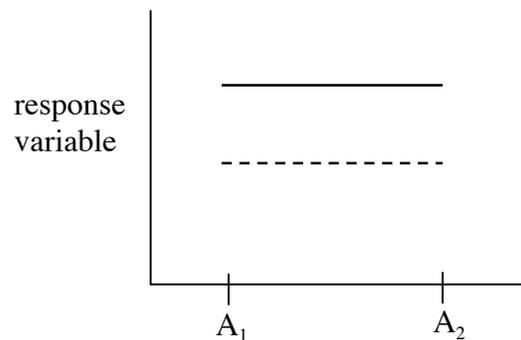


Two-way ANOVA example: blood calcium concentration

Sources of variation	SS	df	MS	F	<i>P</i> -value
Factor A (hormone treatment)	1386.1125	1	1386.1125	60.5	8×10^{-7}
Factor B (sex)	70.3125	1	70.3125	3.07	0.099
AxB (interaction)	4.9005	1	4.9005	0.214	0.65
Error	366.3720	16	22.8982		
Total	1827.6975	19			

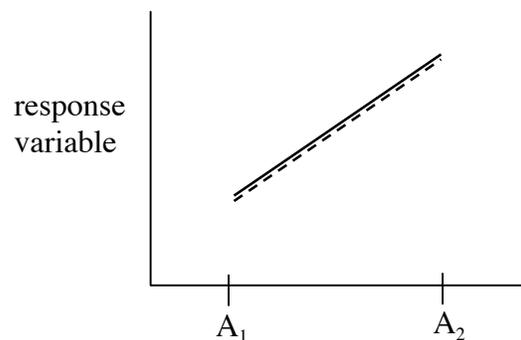
Interaction graphs:

Graph 1:



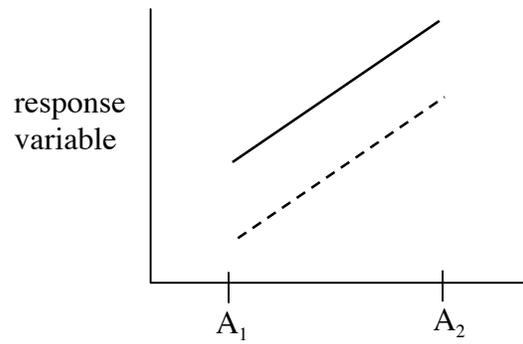
Factor A:
Factor B:
AxB:

Graph 2:



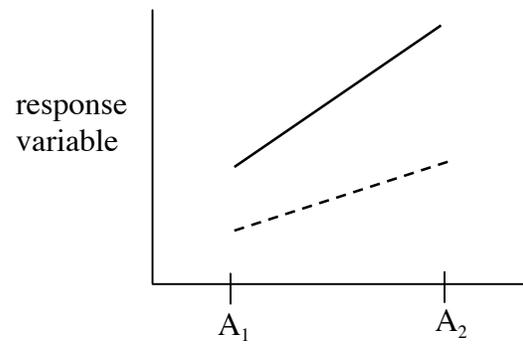
Factor A:
Factor B:
AxB:

Graph 3:



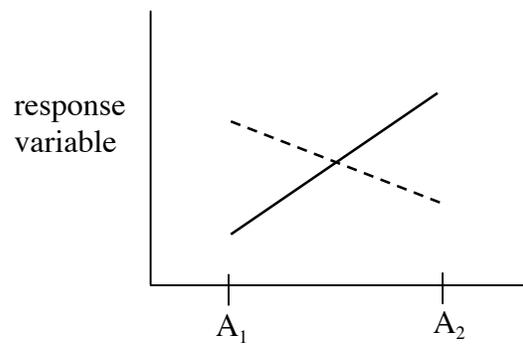
Factor A:
Factor B:
AxB:

Graph 4:



Factor A:
Factor B:
AxB:

Graph 5:



Factor A:
Factor B:
AxB: