

Dependent Variable: y

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	15	1367.198750	91.146583	88.55	<.0001
Error	16	16.470000	1.029375		
Corrected Total	31	1383.668750			

Source	DF	Type III SS	Mean Square	F Value	Pr > F
e	3	342.9212500	114.3070833	111.05	<.0001
f	3	814.6662500	271.5554167	263.81	<.0001
e*f	9	209.6112500	23.2901389	22.63	<.0001

Note: SS'E' + SSEF = 342.92 + 209.61 = 552.53

SSF + SSEF = 814.67 + 209.61 = 1024.28

e*f Effect Sliced by e for y

e	DF	Sum of Squares	Mean Square	F Value	Pr > F
highhigh	3	308.230000	102.743333	99.81	<.0001
highlow	3	311.130000	103.710000	100.75	<.0001
lowhigh	3	300.073750	100.024583	97.17	<.0001
lowlow	3	104.843750	34.947917	33.95	<.0001
		1024.27			

e*f Effect Sliced by f for y

f	DF	Sum of Squares	Mean Square	F Value	Pr > F
highhigh	3	103.450000	34.483333	33.50	<.0001
highlow	3	113.725000	37.908333	36.83	<.0001
lowhigh	3	79.813750	26.604583	25.85	<.0001
lowlow	3	255.543750	85.181250	82.75	<.0001
		552.53			

This shows that the simple main effect tests are combining the effects of the main effect and the interaction.