**Two-Way ANOVAs**

The following is a 2-way ANOVA conducted using our final project data base. Sex and Treatment Condition are your independent variables, and Post-Treatment Anxiety (RCMAS) is your dependent variable.

Interpret the results from the sex X treatment condition ANOVA table. Make sure to report the results in the APA format and write one to two sentences interpreting the results (main effects and the interaction).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Factor** | **df** | **SS** | **MS** | **F** | **p** |
| **Sex** | 1 | 8.00 | 8.00 | 0.96 | 0.399 |
| **Treatment** | 2 | 217.44 | 108.72 | 13.05 | .033 |
| **Sex *X* Treatment** | 2 | 25.00 | 12.50 | 1.50 | 0.354 |