**ANOVA: categorical X, continuous Y**

What are your null and alternative hypotheses when running ANOVA?

There is no difference among groups (all groups are statistically similar)

What are the requirements for running a parametric ANOVA, i.e., in JMP?

Each data set is normal and variances are = (Levene’s test). For these you want p>.05!!!

If my data do not meet the requirements for a parametric ANOVA, I can run a resampling ANOVA. A Resampling test does NOT assume normality!

Once you run ANOVA (either parametric (JMP) or Monte Carlo (resampling)), what do you know?

only that there is a difference among the groups, not which groups are different

Run Tukey’s HSD to find out.

I redid the KEY for Week 5, since so many people seem to have had trouble with this!