**For #5**

For the comparative box plots to show relationships between categorical predictors and **SalePrice**, use the following procedure:

**proc** **sgplot** data=dataset\_name;

vbox response\_variable/ category=predictor1

connect=mean;

title "Sale Price Differences across predictor1";

**run**;

You will need to use the same proc steps for each categorical variable. Otherwise, you’ll need to write a macro program to run it for each categorical automatically (which is ideal but since I didn’t cover enough macro programming, you will need to repeat the above steps for each categorical predictor.

**For #11** Use the following proc step

**proc** **plm** restore=dataset\_name plots=all;

slice interaction\_term / sliceby=predictor1 (or predictor2) adjust=tukey;

effectplot interaction(sliceby= predictor1 (or predictor2)) / clm;

**run**;