Using the “PSF\_transition\_parameters.dta” dataset,

Comparing **transition stretch** parameter between groups:



Now, loading “Coherency\_Pig3\_6.dta” dataset,

**Coherency** comparison between group

**Lower dermis**: Dunn test since there are not equal variances between groups (Bartlett’s equal-variances test). Here 0=CTRL, 1=XR, 2=XRTE





When using the Bonferroni posthoc test to compare pairwise, just significance between CTRL-XR and XR-XRTE was found.

**Upper dermis:** ANOVA since homoscedasticity between groups is met (Bartlett’s equal-variances test).



When using post-hoc Bonferroni to compare between groups, we found significance between all of them.