Guidance for computing adjusted means, using SPSS

We will compute effect sizes based on the following formula: (program adjusted mean minus control adjusted mean) divided by the posttest (pooled unadjusted standard deviation).

The adjusted means are adjusted for the pretest used as a covariate. With SPSS, the following code will provide adjusted means.

```
UNIANOVA POSTTEST BY TREATMENT WITH PRETEST
/METHOD=SSTYPE(3)
/INTERCEPT=INCLUDE
/EMMEANS=TABLES(TREATMENT) WITH(PRETEST=MEAN) COMPARE ADJ(LSD)
/PRINT=DESCRIPTIVE
/CRITERIA=ALPHA(.05)
/DESIGN=PRETEST TREATMENT.
```