**SPSS Code Experiment 1**

SORT CASES BY Animacytype.

SPLIT FILE LAYERED BY Animacytype.

GRAPH

/HISTOGRAM(NORMAL)=response\_R.

SPLIT FILE OFF.

GRAPH

/HISTOGRAM(NORMAL)=logRT.

REGRESSION

/MISSING LISTWISE

/STATISTICS COEFF OUTS R ANOVA

/CRITERIA=PIN(.05) POUT(.10)

/NOORIGIN

/DEPENDENT logRT

/METHOD=ENTER wordlength.

RECODE response (1=7) (2=6) (3=5) (4=4) (5=3) (6=2) (7=1) INTO response\_R.

EXECUTE.

GRAPH

/BAR(SIMPLE)=MEAN(logRT) BY response\_R.

UNIANOVA logRT BY response\_R

/METHOD=SSTYPE(3)

/INTERCEPT=INCLUDE

/POSTHOC=response\_R(TUKEY)

/CRITERIA=ALPHA(0.05)

/DESIGN=response\_R.

ONEWAY logRT BY response\_R

/STATISTICS BROWNFORSYTHE WELCH

/MISSING ANALYSIS.

RECODE Animacytype ('Animal'=1) ('Human'=2) ('Plant'=3) ('Object'=4) ('Robot'=5) ('word'=6)

(ELSE=SYSMIS) INTO Animacy\_RC.

EXECUTE.

ONEWAY logRT BY Animacy\_RC

/STATISTICS BROWNFORSYTHE WELCH

/MISSING ANALYSIS.

ONEWAY response\_R BY Animacy\_RC

/STATISTICS BROWNFORSYTHE WELCH

/MISSING ANALYSIS.

UNIANOVA logRT BY Animacytype

/METHOD=SSTYPE(3)

/INTERCEPT=INCLUDE

/POSTHOC=Animacytype(TUKEY)

/CRITERIA=ALPHA(0.05)

/DESIGN=Animacytype.

UNIANOVA response\_R BY Animacytype

/METHOD=SSTYPE(3)

/INTERCEPT=INCLUDE

/POSTHOC=Animacytype(TUKEY)

/CRITERIA=ALPHA(0.05)

/DESIGN=Animacytype.