

CODE LOG RESULTS OUTPUT DATA



```
1 TITLE "Hypothesis Test";
2 data responses;
3 input circuittype$ responsetime@@;
4 cards;
5 1 9 1 12 1 10 1 8 1 15
6 2 20 2 21 2 23 2 20 2 30
7 3 6 3 15 3 8 3 16 3 7
8 ;
9 run;
10
11 TITLE 'Data';
12 proc print data = responses (obs=15);
13 run;
14
15 proc means data = responses N MEAN MEDIAN VAR;
16 class circuittype;
17 var responsetime;
18 run;
19
20 TITLE 'One Way ANOVA'
21 Title;
22 ods noproctitle;
23 ods graphics / imagemap=on;
24
25 proc glm data=WORK.RESPONSES plots(only)=(boxplot diagnostics);
26 class circuittype;
27 model responsetime=circuittype;
28 means circuittype / hovtest=levене welch plots=none;
29 lsmeans circuittype / adjust=tukey pdiff alpha=.01 plots=(meanplot diffplot);
30 run;
```