108

```
OPTIONS NONOTES NOSTIMER NOSOURCE NOSYNTAXCHECK;
1
68
69
           *AST 504 week 1
70
          Name: Zainab Akinjobi
71
          Review of Anova,
72
73
          Treatment structure is one way,
74
          Design Structure is Complete Randomized Design,
75
          Treatment is an anti-depressant, the response is the time required to complete the task.;
76
77
78
79
          data depress;
80
           input drug $ 1-3 time 5-6;
81
82
          datalines;
NOTE: The data set WORK.DEPRESS has 12 observations and 2 variables.
NOTE: DATA statement used (Total process time):
                          0.00 seconds
      real time
      user cpu time
                          0.00 seconds
     system cpu time
                          0.00 seconds
      memory
                          666.71k
      OS Memory
                          30372.00k
      Timestamp
                          12/13/2021 03:35:37 AM
      Step Count
                                        169 Switch Count 2
      Page Faults
      Page Reclaims
                                        91
      Page Swaps
                                        0
      Voluntary Context Switches
                                        11
      Involuntary Context Switches
                                        0
      Block Input Operations
                                        0
      Block Output Operations
                                        264
95
96
97
          *Analysis of Variance;
98
          proc glm data = depress;
99
          class drug;
100
          model time = drug/ss3;
101
          means drug/ hovtest = levene;
102
103
          output out = resout r = resid p = pred;
104
          title1 ' first example of Anova ';
105
          *check normality of error;
106
107
NOTE: The data set WORK.RESOUT has 12 observations and 4 variables.
NOTE: PROCEDURE GLM used (Total process time):
      real time
                         0.23 seconds
                     0.23 seconds
0.14 seconds
      user cpu time
      system cpu time 0.01 seconds
                        11119.46k
      memory
      OS Memory
                          36156.00k
      Timestamp
                          12/13/2021 03:35:37 AM
      Step Count
                                        170 Switch Count 5
      Page Faults
      Page Reclaims
                                        1813
      Page Swaps
                                        0
      Voluntary Context Switches
                                        785
      Involuntary Context Switches
                                        1
      Block Input Operations
                                        0
      Block Output Operations
                                        1304
```

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