

SAS Tutorial
Regression with PROC REG
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Many procedures in SAS can be used to perform regression analyses. Each procedure has special features that make it useful for certain applications. However, for most applications, PROC REG is the preferred tool.

The paper consists of 18 pages of annotated output describing the results of implementing a number of options available with PROC REG.

The individual pages are suitable for making transparencies. Copies are available from the author.

The options included are as follows:

```
28 PROC REG;  
29 MODEL WT = RL WL RNL NWL W /  
30 SS1  
31 SS2  
32 STB  
33 VIF  
34 SEQB  
35 COLLIN  
36 P  
37 R  
38 CLM  
39 INFLUENCE  
40 PARTIAL ;  
41 TEST1: TEST RNL=0, NWL=0;  
42 OUTPUT OUT=A  
43 P=PW R=RW  
44 L95M=L95 U95M=UP95  
45 COOKD=COOK;
```