**DATA**;

INPUT TEST $ OBS ESTIMATE ACTUAL;

DIFF=ESTIMATE-ACTUAL;

CARDS;

BASELINE 1 2 7

BASELINE 2 25 39

BASELINE 3 35 49

BASELINE 4 20 34

BASELINE 5 5 8

BASELINE 6 50 57

BASELINE 7 5 14

BASELINE 8 50 57

BASELINE 9 60 73

BASELINE 10 2 9

BASELINE 11 10 22

BASELINE 12 15 32

BASELINE 13 50 56

BASELINE 14 10 21

BASELINE 15 5 10

BASELINE 16 20 36

BASELINE 17 70 80

BASELINE 18 50 59

BASELINE 19 10 22

BASELINE 20 75 79

POST1 1 25 34

POST1 2 5 7

POST1 3 50 49

POST1 4 20 22

POST1 5 30 32

POST1 6 10 8

POST1 7 60 57

POST1 8 10 14

POST1 9 70 73

POST1 10 50 56

POST1 11 15 21

POST1 12 20 22

POST1 13 30 36

POST1 14 70 80

POST1 15 10 9

POST1 16 25 39

POST1 17 55 57

POST1 18 10 10

POST1 19 60 59

POST1 20 80 79

POST2 1 35 38

POST2 2 20 20

POST2 3 25 25

POST2 4 30 38

POST2 5 25 29

POST2 6 80 68

POST2 7 20 31

POST2 8 80 74

POST2 9 5 6

POST2 10 10 17

POST2 11 25 43

POST2 12 15 28

POST2 13 60 62

POST2 14 20 29

POST2 15 25 30

POST2 16 75 63

POST2 17 80 71

POST2 18 20 38

POST2 19 80 74

POST2 20 10 11

;

**PROC** **PRINT**;

**PROC** **UNIVARIATE** PLOT FREQ NORMAL; BY TEST;

VAR DIFF;

**PROC** **REG**; BY TEST;

MODEL ESTIMATE=ACTUAL;

MODEL DIFF=ACTUAL;

**RUN**;