**DATA** A;

INPUT I YI;

EAST=**1**;

NORTH=I;

CARDS;

1 41

2 60

3 81

4 22

5 8

6 20

7 28

8 2

9 0

10 2

11 2

12 8

13 0

14 43

15 61

16 50

;

**PROC** **VARIOGRAM** PLOTS=MORAN OUTVAR=B;

COMPUTE LAGD=**1** MAXLAG=**11** AUTOCORR(ASSUM=RANDOM);

COORDINATES XC=EAST YC=NORTH;

VAR YI;

**PROC** **PRINT**;

**PROC** **VARIOGRAM** DATA=A PLOTS=FIT;

COMPUTE LAGD=**1** MAXLAG=**11** CL ROBUST;

COORDINATES XC=EAST YC=NORTH;

MODEL FORM=AUTO(MLIST=(SPH EXP GAU) NEST=**1**);

VAR YI;

**RUN**;