\*\*Confidence Scores - Review Alert Syntax.

AGG /OUTFILE=\* MODE=ADDVARIABLES /BREAK=Nbhd

/EmvNbhd = MEDIAN(TotEmv) /EmvTlaNbhd = MEDIAN(EmvTla) /RviNbhd = MEDIAN(Rvi).

COMP EmvEmv = TotEmv / EmvNbhd.

COMP RateRate = EmvTla / EmvTlaNbhd.

COMP RviRvi = Rvi / RviNbhd.

RECODE EmvEmv,RateRate,RviRvi

(Lo thru .25=3)(.25 thru .75=2)(.75 thru .9=1)(.9 thru 1.1=0)(1.1 thru 1.5=1)

(1.5 thru 4=2)(4 thru Hi=3) INTO EmvRa,RateRa,RviRviRa.

RECODE Rvi (Lo thru .50=3)(.50 thru .75=2)(.75 thru .90=1)(.90 thru 1.1=0)(1.1 thru 1.3=1)

(1.3 thru 2=2)(2 thru Hi=3) INTO RviRa.

COMP Count = NVALID (EmvRa TO RviRa).

COMP RA = RND(((SUM(EmvRa TO RviRa))/Count)\*5).

FREQ VAR = RA /PIECHART PERCENT.

MEANS TABLES = RA BY Nbhd /CELLS MEAN COUNT STDDEV.

SORT CASES BY Pin.

\*\*Total Model\*\*

COMP EmvTla= TotEmv/Tla\_Tot.

COMP LTTot=LEmv/TotEmv.

IF (Sysmiss(SalePrice)<>1) SR = TotEmv/SalePrice.

Execute.

RECODE SR (.90 thru 1.1=0) (.75 thru .90=1) (1.1 thru 1.25=1) (1.25 thru Hi=2) (Lo thru .75=2) INTO SRRa.

Execute.

RECODE LtTot (Lo thru .10=2)(.10 thru .25=1)(.75 thru .9=1)(.25 thru .75=0) (.90 thru Hi=2) INTO LtRa.

Execute.

COMP FinalRA = SUM (SRRA,RateRa,EmvRa,LtRa,RviRa).

Execute.

\*\*VL Model Application\*\*

AGG /OUTFILE=\* MODE=ADDVARIABLES /BREAK=Nbhd

/EmvNbhd = MEDIAN(LEmv) /EmvExtNbhd = MEDIAN(EmvExt) /RviNbhd = MEDIAN(Rvi).

COMP EmvEmv = LEmv / EmvNbhd.

COMP RateRate = EmvExt / EmvExtNbhd.

COMP RviRvi = Rvi / RviNbhd.

RECODE EmvEmv,RateRate,RviRvi

(Lo thru .25=3)(.25 thru .75=2)(.75 thru .9=1)(.9 thru 1.1=0)(1.1 thru 1.5=1)

(1.5 thru 4=2)(4 thru Hi=3) INTO EmvRa,RateRa,RviRviRa.

RECODE Rvi (Lo thru .50=3)(.50 thru .75=2)(.75 thru .90=1)(.90 thru 1.1=0)(1.1 thru 1.3=1)

(1.3 thru 2=2)(2 thru Hi=3) INTO RviRa.

COMP Count = NVALID (EmvRa TO RviRa).

COMP RA = RND(((SUM(EmvRa TO RviRa))/Count)\*5).

FREQ VAR = RA /PIECHART PERCENT.

MEANS TABLES = RA BY Nbhd /CELLS MEAN COUNT STDDEV.

SORT CASES BY Pin.

\*\*VL Model\*\*

COMP EmvExt= LEmv/Ext.

IF (Sysmiss(SalePrice)<>1) SR = LEmv/SalePrice.

Execute.

RECODE SR (.90 thru 1.1=0) (.75 thru .90=1) (1.1 thru 1.25=1) (1.25 thru Hi=2) (Lo thru .75=2) INTO SRRa.

Execute.

COMP FinalRA = SUM (SRRA,RateRa,EmvRa,RviRa).

Execute.

\*\*Split by Variables.

SORT CASES BY Nbhd.

SPLIT FILE LAYERED BY Nbhd.

SPLIT FILE OFF.