MODEL: ! Data Envelopment Analysis;

SETS:

DMU/1..122/:

SCORE;

FACTOR/G1 G2 G3 G4 G5 C1 C2/;

DXF( DMU, FACTOR): F;

ENDSETS

DATA:

NINPUTS = 5;

! The inputs, the outputs;

F =

;

ENDDATA

SETS:

DXFXD(DMU,FACTOR) : W;

ENDSETS

MAX = @SUM( DMU: SCORE);

@FOR( DMU( I):

SCORE( I) = @SUM( FACTOR(J)|J #GT# NINPUTS:

F(I, J)\* W(I, J));

@SUM( FACTOR( J)| J #LE# NINPUTS:

F( I, J)\* W( I, J)) = 1;

@FOR( DMU( K):

@SUM( FACTOR( J)| J #GT# NINPUTS:

F( K, J) \* W( I, J))

<= @SUM( FACTOR( J)| J #LE# NINPUTS:

F( K, J) \* W( I, J))

)

);

@FOR( DXFXD( I, J): @BND( .00001, X, 100000));

END