

TITLE: CFA - temps 1 FILLACTIVE

!data file information

DATA: FILE IS FA\_new\_sample.dat;

!LISTWISE = ON;

VARIABLES: NAMES ARE

a21 a22 a23 a24 c21 c22 c23 c24 s21 s22 s23 s24  
att1 att2 att3 att4 att5  
id21 intrin21 integ21  
id22 intrin22 integ22  
id23 intrin23 integ23  
id24 intrin24 integ24  
pa21 pa22 pa23  
i1 i2 i3  
cp1 cp2 cp3 cp4  
n4 n5 n6 n7 n8  
pa31 pa32 pa33;

MISSING = ALL (99);

USEVARIABLES =

needs1 needs2 needs3 intrin identi integr  
att ns pc int ACTPHYS inter;

DEFINE:

!needs1=(a1+a2+a3+a4+c1+c2+c3+c4+s1+s2+s3+s4)/12;  
needs1=(a21+a22+a23+a24)/4;  
needs2=(c21+c22+c23+c24)/4;  
needs3=(s21+s22+s23+s24)/4;  
intrin=(intrin21+intrin22+intrin23+intrin24)/4;  
identi=(id21+id22+id23+id24)/4;  
integr=(integ21+integ22+integ23+integ24)/4;  
att=(att1+att2+att3+att4+att5)/5;  
ns=(n4+n5+n6+n7+n8)/5;  
pc=(cp1+cp2+cp3+cp4)/4;  
int=(i1+i3)/2;  
ACTPHYS=pa31;

center att(grandmean);

inter= att\*ns;

## MODEL ESTIMATION (FINAL)

ANALYSIS: ESTIMATOR = MLR ;

MODEL:

BPN BY needs1 needs2 needs3;

MOTIVATION ON BPN;

MOTIVATION BY intrin integr identi;

ACTPHYS ON int MOTIVATION inter;

int ON MOTIVATION att ns pc inter;

att ON MOTIVATION;

ns ON MOTIVATION;

pc ON MOTIVATION;

ATT WITH PC;

NS WITH PC;

inter with att;

inter with motivation;

MODEL INDIRECT:

ACTPHYS VIA MOTIVATION BPN ;

ACTPHYS VIA INT ATT;

ACTPHYS VIA INT NS;

ACTPHYS VIA INT PC;

INT VIA MOTIVATION BPN;

INT VIA ATT MOTIVATION;

INT VIA NS MOTIVATION;

INT VIA PC MOTIVATION;

OUTPUT: SAMPSTAT TECH1 TECH4 TECH8 TECH13 STDYX modindices (all) ;