

DATA:

FILE = "U:/Paper Occupations_multilevel/Bildungsjahre/df_occ_mplus_bjahre_katrin.dat";

define: Gehal_t = Gehaltw8*0.001;

center reason Alter bjahre (GROUPMEAN);

center Gen4_ratio(GRANDMEAN);

VARIABLE:

NAMES = kldb4 kldb3 kldb2 kldb5 Berufkat ID_t Alter Gender isced casmin bjahre

reason kldb Genderberuf Gehaltw8 Hierarchie Stelle At_BA Gen_ratio

Gen_ratio_zen Alter_zen reason_zen Gen5_ratio Gen4_ratio Gen3_ratio Gen2_ratio

Gen2_ratio_cgm Gen4_ratio_cgm Gen3_ratio_cgm Alter_gm2 Alter_cwc2 reason_gm2

reason_cwc2 Alter_gm3 Alter_cwc3 reason_gm3 reason_cwc3 Alter_gm4 Alter_cwc4

reason_gm4 reason_cwc4;

USEVARIABLES = reason Alter Stelle Hierarchie Gender Gen4_ratio bjahre Gehal_t;

MISSING=all(-999);

cluster = kldb4;

WITHIN = reason Alter Stelle Hierarchie Gender bjahre;

BETWEEN = Gen4_ratio;

ANALYSIS:

type = twolevel random;

algorithm = integration;

integration = montecarlo;

MODEL:

%within%

Beta1j | Gehal_t ON Gender;

Beta2j | Gehal_t ON reason;

Beta3j | Gehal_t ON Alter;

Beta4j | Gehal_t ON Stelle;

Beta5j | Gehal_t ON Hierarchie;

Beta6j | Gehal_t ON bjahre;

reason WITH Alter Stelle Hierarchie Gender bjahre;

Alter WITH Stelle Hierarchie Gender bjahre;

Stelle WITH Hierarchie Gender bjahre;

Hierarchie WITH Gender bjahre;

Gender WITH bjahre;

%between%

Gehal_t ON Gen4_ratio;

Beta1j WITH Gehal_t;

OUTPUT:

SAMPSTAT TECH1 TECH4 CINTERVAL;