

Supplemental Material

Mplus Syntax

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1. Unconditional Models

1.1. Refusal Self-Efficacy (RSE)

USEVARIABLES = RSE wave;

WITHIN = wave;

CLUSTER = school person;

MISSING IS *;

ANALYSIS:

ESTIMATOR = mlr;

TYPE = complex twolevel;

MODEL:

%WITHIN%

RSE on wave;

%BETWEEN%

RSE;

1.2. Condom Negotiation Efficacy (CNE)

USEVARIABLES = CNE wave;

WITHIN = wave;

CLUSTER = school person;

MISSING IS *;

ANALYSIS:

ESTIMATOR = mlr;

TYPE = complex twolevel;

MODEL:

%WITHIN%

CNE on wave;

%BETWEEN%

CNE;

1.3. Intentions to Have Sex

USEVARIABLES = INTENTIONS wave;

WITHIN = wave;

CLUSTER = school person;

MISSING IS *;

ANALYSIS:

ESTIMATOR = mlr;

TYPE = complex twolevel;

MODEL:

%WITHIN%

INTENTIONS on wave;

%BETWEEN%

INTENTIONS;

2. Conditional Models

2.1. Refusal Self-Efficacy (RSE)

USEVARIABLES =

RSE !DV

wave SMInter SMRef !IVs !SMInter = Social media use (interactive) !SMRef = Social media use (informational)

female othergen !level 2 covariates (gender)

rblack rasian rother latinx !level 2 covariates (race/ethnicity)

parented GPA senskg attend ! level 2 covariates !parented = parent education !senskg = sensation seeking !attend = average Get Real attendance

HONEST !time-varying covariate

SMIntRef; !WxSMInt WxSMRef WxSMInRe; !interaction terms defined below

WITHIN = wave SMInter SMRef HONEST SMIntRef;! WxSMInt WxSMRef WxSMInRe;

BETWEEN = female othergen rblack rasian rother latinx

parented GPA senskg attend;

CLUSTER = school person;

MISSING IS *;

DEFINE:

STANDARDIZE SMInter SMRef HONEST parented GPA senskg attend;

SMIntRef = SMInter*SMRef;

ANALYSIS:

ESTIMATOR = mlr;

TYPE = complex twolevel;

MODEL:

%WITHIN%

RSE on wave SMInter SMRef SMIntRef HONEST;

wave SMInter SMRef SMIntRef HONEST with wave SMInter SMRef SMIntRef HONEST;

%BETWEEN%

RSE on female othergen rblack rasian rother latinx parented GPA senskg attend;

female othergen rblack rasian rother latinx parented GPA senskg attend with

female othergen rblack rasian rother latinx parented GPA senskg attend;

2.2. Condom Negotiation Efficacy (CNE)

USEVARIABLES =

CNE !DV

wave SMInter SMRef !IVs !SMInter = Social media use (interactive) !SMRef = Social media use (informational)

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rblack rasian rother latinx !level 2 covariates (race/ethnicity)

parented GPA senskg attend ! level 2 covariates !parented = parent education !senskg = sensation seeking !attend = average Get Real attendance

HONEST !time-varying covariate

SMIntRef; !WxSMInt WxSMRef WxSMInRe; !interaction terms defined below

WITHIN = wave SMInter SMRef HONEST SMIntRef;! WxSMInt WxSMRef WxSMInRe;

BETWEEN = female othergen rblack rasian rother latinx

parented GPA senskg attend;

CLUSTER = school person;

MISSING IS *;

DEFINE:

STANDARDIZE SMInter SMRef HONEST parented GPA senskg attend;

SMIntRef = SMInter*SMRef;

ANALYSIS:

ESTIMATOR = mlr;

TYPE = complex twolevel;

MODEL:

%WITHIN%

CNE on wave SMInter SMRef SMIntRef HONEST;

wave SMInter SMRef SMIntRef HONEST with wave SMInter SMRef SMIntRef HONEST;

%BETWEEN%

CNE on female othergen rblack rasian rother latinx parented GPA senskg attend;

female othergen rblack rasian rother latinx parented GPA senskg attend with

female othergen rblack rasian rother latinx parented GPA senskg attend;

2.3. Intentions to Have Sex

USEVARIABLES =

INTENTIONS !DV

wave SMInter SMRef !IVs !SMInter = Social media use (interactive) !SMRef = Social media use (informational)

female othergen !level 2 covariates (gender)

rblack rasian rother latinx !level 2 covariates (race/ethnicity)

parented GPA senskg attend ! level 2 covariates !parented = parent education !senskg = sensation seeking !attend = average Get Real attendance

HONEST !time-varying covariate

SMIntRef; !WxSMInt WxSMRef WxSMInRe; !interaction terms defined below

WITHIN = wave SMInter SMRef HONEST SMIntRef;! WxSMInt WxSMRef WxSMInRe;

BETWEEN = female othergen rblack rasian rother latinx

parented GPA senskg attend;

CLUSTER = school person;

MISSING IS *;

DEFINE:

STANDARDIZE SMInter SMRef HONEST parented GPA senskg attend;

SMIntRef = SMInter*SMRef;

ANALYSIS:

ESTIMATOR = mlr;

TYPE = complex twolevel;

MODEL:

%WITHIN%

INTENTIONS on wave SMInter SMRef SMIntRef HONEST;

wave SMInter SMRef SMIntRef HONEST with wave SMInter SMRef SMIntRef HONEST;

%BETWEEN%

INTENTIONS on female othergen rblack rasian rother latinx parented GPA senskg attend;

female othergen rblack rasian rother latinx parented GPA senskg attend with

female othergen rblack rasian rother latinx parented GPA senskg attend;