
* General SEM analysis results *

Model fit and quality indices

Average path coefficient (APC)=0.286, P<0.001

Average R-squared (ARS)=0.229, P<0.001

Average adjusted R-squared (AARS)=0.220, P<0.001

Average block VIF (AVIF)=1.187, acceptable if <= 5, ideally <= 3.3

Average full collinearity VIF (AFVIF)=1.231, acceptable if <= 5, ideally <= 3.3

Tenenhaus GoF (GoF)=0.343, small >= 0.1, medium >= 0.25, large >= 0.36

Sympson's paradox ratio (SPR)=1.000, acceptable if >= 0.7, ideally = 1

R-squared contribution ratio (RSCR)=1.000, acceptable if >= 0.9, ideally = 1

Statistical suppression ratio (SSR)=1.000, acceptable if >= 0.7

Nonlinear bivariate causality direction ratio (NLBCDR)=1.000, acceptable if >= 0.7

General model elements

Missing data imputation algorithm: Arithmetic Mean Imputation

Outer model analysis algorithm: PLS Regression

Default inner model analysis algorithm: Warp3

Multiple inner model analysis algorithms used? No

Resampling method used in the analysis: Stable3

Number of data resamples used: 100

Number of cases (rows) in model data: 178

Number of latent variables in model: 3

Number of indicators used in model: 18

Number of iterations to obtain estimates: 7

Range restriction variable type: None

Range restriction variable: None

Range restriction variable min value: 0.000

Range restriction variable max value: 0.000

Only ranked data used in analysis? No

* Path coefficients and P values *

Path coefficients

	Menstra	Power	Commit
Menstra		0.305	0.268

P values

	Menstra	Power	Commit
Menstra		<0.001	<0.001

* Standard errors for path coefficients *

	Menstra	Power	Commit
Menstra		0.070	0.071

* Effect sizes for path coefficients *

	Menstra	Power	Commit
Menstra		0.125	0.104

* Combined loadings and cross-loadings *

	Menstra	Power	Commit	Type (a)	SE	P value
Y1	0.711	0.107	0.060	Reflect	0.065	<0.001
Y2	0.663	0.165	0.092	Reflect	0.065	<0.001
Y9	0.738	-0.120	0.075	Reflect	0.064	<0.001
Y10	0.743	-0.177	0.053	Reflect	0.064	<0.001
Y11	0.701	0.043	0.045	Reflect	0.065	<0.001
Y14	0.682	0.145	-0.102	Reflect	0.065	<0.001
Y15	0.715	-0.087	-0.042	Reflect	0.065	<0.001
Y16	0.808	-0.055	-0.160	Reflect	0.064	<0.001
Y17	0.696	0.018	-0.002	Reflect	0.065	<0.001
X11	-0.005	0.722	0.034	Reflect	0.065	<0.001
X12	0.005	0.601	0.121	Reflect	0.066	<0.001
X14	-0.024	0.736	0.004	Reflect	0.065	<0.001
X15	0.023	0.770	-0.131	Reflect	0.064	<0.001
X22	0.258	0.041	0.640	Reflect	0.066	<0.001

X24	-0.059	0.023	0.721	Reflect	0.065	<0.001
X25	0.033	0.033	0.730	Reflect	0.065	<0.001
X26	-0.111	-0.048	0.735	Reflect	0.065	<0.001
X27	-0.084	-0.042	0.773	Reflect	0.064	<0.001

Notes: Loadings are unrotated and cross-loadings are oblique-rotated. SEs and P values are for loadings

* Latent variable coefficients *

R-squared coefficients

Menstra Power Commit

0.229

Adjusted R-squared coefficients

Menstra Power Commit

0.220

Composite reliability coefficients

Menstra Power Commit

0.905 0.802 0.844

Cronbach's alpha coefficients

Menstra Power Commit

0.882 0.669 0.768

Average variances extracted

Menstra Power Commit

0.516 0.504 0.520

Full collinearity VIFs

Menstra Power Commit

1.230 1.295 1.168

Q-squared coefficients

Menstra Power Commit
0.234

Minimum and maximum values

Menstra Power Commit
-3.278 -2.591 -2.673
2.327 1.703 1.994

Medians (top) and modes (bottom)

Menstra Power Commit
-0.189 0.038 0.094
-0.476 -0.361 0.094

Skewness (top) and exc. kurtosis (bottom) coefficients

Menstra Power Commit
0.196 -0.334 -0.504
0.958 -0.281 0.226

* Correlations among latent variables and errors *

Correlations among l.vs. with sq. rts. of AVEs

	Menstra	Power	Commit
Menstra	0.719	0.408	0.275
Power	0.408	0.710	0.350
Commit	0.275	0.350	0.721

Note: Square roots of average variances extracted (AVEs) shown on diagonal.

P values for correlations

	Menstra	Power	Commit
Menstra	1.000	<0.001	<0.001
Power	<0.001	1.000	<0.001
Commit	<0.001	<0.001	1.000

Correlations among l.v. error terms with VIFs

There is nothing to show here, likely due to at least one of the following reasons:

- There is only one endogenous latent variable in the model.
- No links among latent variables have been defined.

* Block variance inflation factors *

	Menstra	Power	Commit
Menstra		1.187	1.187

Note: These VIFs are for the latent variables on each column (predictors), with reference to the latent v

* Indirect and total effects *

Total effects

	Menstra	Power	Commit
Menstra		0.305	0.268

Number of paths for total effects

	Menstra	Power	Commit
Menstra		1	1

P values for total effects

	Menstra	Power	Commit
Menstra		<0.001	<0.001

Standard errors for total effects

	Menstra	Power	Commit
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Menstra 0.070 0.071

Effect sizes for total effects

	Menstra	Power	Commit
Menstra		0.125	0.104

. P values < 0.05 are desirable for reflective indicators.

variables on each row (criteria).