

OUTPUT K: SPSS

Run MATRIX procedure:

***** PROCESS Procedure for SPSS Version 3.00 *****

Written by Andrew F. Hayes, Ph.D. www.afhayes.com
Documentation available in Hayes (2018). www.guilford.com/p/hayes3

Model : 7
Y : use4
X : mbrp
M : crave2
W : bdi0

Covariates:
crave0 treathrs

Sample
Size: 168

OUTCOME VARIABLE:
crave2

Model Summary

R	R-sq	MSE	F	df1	df2	p
.5140	.2642	.7277	11.6319	5.0000	162.0000	.0000

Model

	coeff	se	t	p	LLCI	ULCI
constant	1.0385	.4701	2.2090	.0286	.1102	1.9668
mbrp	.5872	.5241	1.1204	.2642	-.4478	1.6222
bdi0	1.1221	.2762	4.0625	.0001	.5767	1.6675
Int_1	-.9485	.4235	-2.2398	.0265	-1.7847	-.1122
crave0	.1920	.0735	2.6138	.0098	.0470	.3371
treathrs	-.0177	.0103	-1.7190	.0875	-.0380	.0026

Product terms key:

Int_1 : mbrp x bdi0

Test(s) of highest order unconditional interaction(s):

R2-chng	F	df1	df2	p	
X*W	.0228	5.0166	1.0000	162.0000	.0265

Focal predict: mbrp (X)
Mod var: bdi0 (W)

Conditional effects of the focal predictor at values of the moderator(s):

bdi0	Effect	se	t	p	LLCI	ULCI
.9020	-.2683	.1850	-1.4500	.1490	-.6336	.0971
1.1900	-.5414	.1375	-3.9384	.0001	-.8129	-.2699
1.5180	-.8525	.1941	-4.3923	.0000	-1.2358	-.4692

OUTCOME VARIABLE:

use4

Model Summary

R	R-sq	MSE	F	df1	df2	p
.7304	.5335	.2105	46.6070	4.0000	163.0000	.0000

Model

	coeff	se	t	p	LLCI	ULCI
constant	1.1298	.2150	5.2545	.0000	.7052	1.5544
mbrp	.0926	.0773	1.1979	.2327	-.0601	.2453
crave2	.4810	.0402	11.9547	.0000	.4015	.5604
crave0	-.0884	.0397	-2.2246	.0275	-.1668	-.0099
treathrs	-.0199	.0056	-3.5720	.0005	-.0309	-.0089

***** DIRECT AND INDIRECT EFFECTS OF X ON Y *****

Direct effect of X on Y

Effect	se	t	p	LLCI	ULCI
.0926	.0773	1.1979	.2327	-.0601	.2453

Conditional indirect effects of X on Y:

INDIRECT EFFECT:

mbrp -> crave2 -> use4

bdi0	Effect	BootSE	BootLLCI	BootULCI
.9020	-.1290	.0770	-.2869	.0183
1.1900	-.2604	.0862	-.4458	-.1090
1.5180	-.4100	.1367	-.7080	-.1767

Index of moderated mediation:

	Index	BootSE	BootLLCI	BootULCI
bdi0	-.4562	.2172	-.9463	-.0934

***** ANALYSIS NOTES AND ERRORS *****

Level of confidence for all confidence intervals in output:

95.0000

Number of bootstrap samples for percentile bootstrap confidence intervals:

10000

W values in conditional tables are the 16th, 50th, and 84th percentiles.

----- END MATRIX -----