

OUTPUT K: SAS

***** PROCESS Procedure for SAS Version 3.0 *****

Written by Andrew F. Hayes, Ph.D. <http://www.afhayes.com>

Documentation available in Hayes (2018) www.guilford.com/p/hayes3

Model and Variables

Model: 7

Y: USE4

X: MBRP

M: CRAVE2

W: BDI0

Covariates:

CRAVE0 TREATHR

Sample size:

168

OUTCOME VARIABLE:

CRAVE2

Model Summary

R	R-sq	MSE	F	df1	df2	p
0.5140	0.2642	0.7277	11.6319	5.0000	162.0000	0.0000

Model

coeff	se	t	p	LLCI	ULCI
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Model						
	coeff	se	t	p	LLCI	ULCI
constant	1.0385	0.4701	2.2090	0.0286	0.1102	1.9668
MBRP	0.5872	0.5241	1.1204	0.2642	-0.4478	1.6222
BDI0	1.1221	0.2762	4.0625	0.0001	0.5767	1.6675
Int_1	-0.9485	0.4235	-2.2398	0.0265	-1.7847	-0.1122
CRAVE0	0.1920	0.0735	2.6138	0.0098	0.0470	0.3371
TREATHRS	-0.0177	0.0103	-1.7190	0.0875	-0.0380	0.0026

Product terms key:

Int_1 : MBRP x BDI0

Test(s) of highest order unconditional interactions:

	R2-chng	F	df1	df2	p
X*W	0.0228	5.0166	1.0000	162.0000	0.0265

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
0.9020	-0.2683	0.1850	-1.4500	0.1490	-0.6336	0.0971
1.1900	-0.5414	0.1375	-3.9384	0.0001	-0.8129	-0.2699
1.5180	-0.8525	0.1941	-4.3923	0.0000	-1.2358	-0.4692

OUTCOME VARIABLE:

USE4

Model Summary

R	R-sq	MSE	F	df1	df2	p
0.7304	0.5335	0.2105	46.6070	4.0000	163.0000	0.0000

	Model					
	coeff	se	t	p	LLCI	ULCI
constant	1.1298	0.2150	5.2545	0.0000	0.7052	1.5544
MBRP	0.0926	0.0773	1.1979	0.2327	-0.0601	0.2453
CRAVE2	0.4810	0.0402	11.9547	0.0000	0.4015	0.5604
CRAVE0	-0.0884	0.0397	-2.2246	0.0275	-0.1668	-0.0099
TREATHRS	-0.0199	0.0056	-3.5720	0.0005	-0.0309	-0.0089

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

Direct effect of X on Y					
Effect	se	t	p	LLCI	ULCI
0.0926	0.0773	1.1979	0.2327	-0.0601	0.2453

Conditional indirect effects of X on Y:

INDIRECT EFFECT:
 MBRP -> CRAVE2 -> USE4

BDI0	Effect	BootSE	BootLLCI	BootULCI
0.9020	-0.1290	0.0756	-0.2858	0.0179
1.1900	-0.2604	0.0856	-0.4445	-0.1122
1.5180	-0.4100	0.1365	-0.7073	-0.1770

Index of moderated mediation:

	Index	BootSE	BootLLCI	BootULCI
BDI0	-0.4562	0.2162	-0.9372	-0.0890

***** 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