

MEDIATIES ADHV PROCESS A.F. HAYES

De volgende mediaties/indirecte effecten zijn significant:

1/ Trust (MenthalHealthtrust2) en Subjective Norms via Perceived Usefullness op TAM3

2/ Perceived Usefullness, UWU scale en Subjective norms via TAM3 op TAM4

Bij het testen op direct effecten werden de andere variabelen die een invloed uitoefenen op Y meegenomen als covariaten

TAM2 OP TAM4 VIA TAM3

Run MATRIX procedure:

Copyright 2013-2025 by Andrew F. Hayes. ALL RIGHTS RESERVED.

This version of PROCESS requires SPSS version 26 or later

Workshop schedule available at haskayne.ucalgary.ca/CCRAM

In SPSS 29 and later, change default output font to Courier New for tidier output. More information about PROCESS at processmacro.org/faq.html.

This beta release has not been completely tested. Use at your own risk.

***** PROCESS Procedure for SPSS Version 5.0 *****

Written by Andrew F. Hayes, Ph.D. www.afhayes.com

Documentation available in Hayes (2022). www.guilford.com/p/hayes3

Model: 4

Y: TAM_4

X: TAM_2

M: TAM_3

Covariates:

TAM_1 TAM_5 UWU_Scal

Sample

Size: 108

Variable descriptive statistics

	TAM_4	TAM_2	TAM_3	TAM_1	TAM_5	UWU_Scal
Mean	4.2500	4.4630	4.2778	4.7963	4.2593	2.8079
SD	1.7028	1.5792	1.7392	1.4126	1.5369	1.0050
Min	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Max	7.0000	7.0000	7.0000	7.0000	7.0000	4.7500

Variable intercorrelations (Pearson r)

	TAM_4	TAM_2	TAM_3	TAM_1	TAM_5	UWU_Scal
TAM_4	1.0000	.7524	.8063	.6236	.7178	.4857
TAM_2	.7524	1.0000	.7864	.6292	.5816	.4850
TAM_3	.8063	.7864	1.0000	.6167	.5672	.5321
TAM_1	.6236	.6292	.6167	1.0000	.4163	.4017
TAM_5	.7178	.5816	.5672	.4163	1.0000	.2882
UWU_Scal	.4857	.4850	.5321	.4017	.2882	1.0000

OUTCOME VARIABLE:

TAM_3

Model Summary

R	R-sq	Adj R-sq	F	p	SEest
.8253	.6812	.6688	55.0176	.0000	1.0009

Shrunken R estimates

Browne	LvOut1	LvOut2
.8119	.8048	.8112

	SS	df	MS
Regress	220.4766	4.0000	55.1192
Residual	103.1901	103.0000	1.0018
Total	323.6667	107.0000	3.0249

Model

	coeff	se	t	p	LLCI	ULCI
constant	-.7731	.3945	-1.9594	.0528	-1.5556	.0094
TAM_2	.5634	.0925	6.0893	.0000	.3799	.7468
TAM_1	.1982	.0893	2.2196	.0286	.0211	.3754
TAM_5	.1721	.0776	2.2167	.0288	.0181	.3261
UWU_Scal	.3037	.1112	2.7307	.0074	.0831	.5243

Some regression diagnostics

	Min.	Max.
fitted	.7680	6.6276
residual	-2.8268	2.2741
t-resid	-2.9675	2.3947

Shape of residuals

	Skewness	Kurtosis
Value	-.1951	.2821
se	.2325	.4611

Bonferroni-corrected p for largest t-residual

t-resid	p-value	casenum
-2.9675	.4040	98.0000

Most influential observations

	casenum	dfbeta
constant	67.0000	-.2256
TAM_2	67.0000	-.0621
TAM_1	67.0000	.0589
TAM_5	77.0000	-.0306
UWU_Scal	55.0000	-.0491

Variable tolerance and VIF

	Tol.	VIF
TAM_2	.4386	2.2798
TAM_1	.5882	1.7000
TAM_5	.6576	1.5208
UWU_Scal	.7494	1.3344

Breusch-Pagan test of heteroskedasticity

Chi-sq	df	p
--------	----	---

Normal	3.0352	4.0000	.5520
Robust	2.7417	4.0000	.6019

OUTCOME VARIABLE:

TAM_4

Model Summary

R	R-sq	Adj R-sq	F	p	SEest
.8806	.7754	.7644	70.4328	.0000	.8265

Shrunken R estimates

Browne	LvOut1	LvOut2
.8690	.8629	.8667

	SS	df	MS
Regress	240.5714	5.0000	48.1143
Residual	69.6786	102.0000	.6831
Total	310.2500	107.0000	2.8995

Model

	coeff	se	t	p	LLCI	ULCI
constant	-.7020	.3318	-2.1158	.0368	-1.3602	-.0439
TAM_2	.1373	.0891	1.5406	.1265	-.0395	.3140
TAM_3	.3887	.0814	4.7776	.0000	.2273	.5501
TAM_1	.1566	.0755	2.0738	.0406	.0068	.3063
TAM_5	.3845	.0656	5.8596	.0000	.2544	.5147
UWU_Scal	.1025	.0951	1.0781	.2835	-.0861	.2912

Some regression diagnostics

	Min.	Max.
fitted	.5701	6.6108
residual	-2.3771	2.5399
t-resid	-3.1547	3.3900

Shape of residuals

	Skewness	Kurtosis
Value	-.2720	1.3097
se	.2325	.4611

Bonferroni-corrected p for largest t-residual

t-resid	p-value	casenum
3.3900	.1078	45.0000

Most influential observations

	casenum	dfbeta
constant	19.0000	-.1183
TAM_2	89.0000	.0532
TAM_3	89.0000	-.0409
TAM_1	45.0000	.0455
TAM_5	19.0000	.0604
UWU_Scal	45.0000	-.0638

Variable tolerance and VIF

	Tol.	VIF
TAM_2	.3225	3.1005
TAM_3	.3188	3.1366

TAM_1	.5614	1.7814
TAM_5	.6276	1.5933
UWU_Scal	.6988	1.4311

Breusch-Pagan test of heteroskedasticity

	Chi-sq	df	p
Normal	15.2744	5.0000	.0093
Robust	9.5619	5.0000	.0886

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

Direct effect of X on Y

Effect	se	t	p	LLCI	ULCI
.1373	.0891	1.5406	.1265	-.0395	.3140

Indirect effect(s) of X on Y:

	Effect	BootSE	BootLLCI	BootULCI
TAM_3	.2190	.0680	.1100	.3791

Cases with greatest influence on indirect effect(s):

	casenum	dfb_ie
TAM_3	89.0000	-.0399

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

Level of confidence for all confidence intervals in output:

95.0000

Number of bootstrap samples for bias-corrected bootstrap confidence intervals:

5000

WARNING: Variables names longer than eight characters can produce incorrect output when some variables in the data file have the same first eight characters. Shorter variable names are recommended. By using this output, you are accepting all risk and consequences of interpreting or reporting results that may be incorrect.

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

Notes

Output Created		13-DEC-2025 11:18:50
Comments		
Input	Data	/Users/simon/Library/CloudStorage/OneDrive-UGent/4_Challenges/Survey/Datafiles/Laura_AI_10_Dec.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	108

Notes

Syntax

```

MATRIX.
compute
wnames='xxxxx'.
compute
znames='xxxxx'.
compute triprob=0.
compute mcerpt=0.
compute wiscov=0.
compute ziscov=0.
compute tooman=0.
compute sv4match=0.
compute nclsv=0.
compute nclus=0.
compute tricheck=0.
compute errcode=make
(100,1,0).
compute
notecode=make
(100,1,0).
compute model = trunc(
4 ).
compute iterate = abs
(trunc( 100 )).
compute converge =
abs( 0.00001 ).
compute itprobtg=0.
compute v2tag=0.
compute ydich=0.
compute maxwwarn=0.
compute minwwarn=0.
compute maxzwarn=0.
compute minzwarn=0.
compute toomany=0.
compute wdich=0.
compute zdich=0.
compute wnotev=0.
compute znotev=0.
compute nxpval=1.
compute nwpval=1.
compute nzpval=1.
compute errs=1.
compute notes=1.
compute criterr=0.
compute novar=0.
compute adjust=0.
compute ncs=0.
compute serial=0.
compute sobelok=0.
compute hasw=0.
compute hasz=0.
compute printw=0.
compute printz=0.
compute relx={ -999 }.
compute relm={ -999 }.
compute relcov={ -999
}.
compute eiv={ 3 }.
compute eiv=trunc(eiv).
compute yrelx=0.
compute yrelm=0.
compute yrelcov=0.
compute relxphm=0.
compute eivhcnt=0.
do if ((eiv < 0) or (eiv >
5) or (eiv=4)).
compute errcode(errs,1)
=88.
compute errs=errs+1.
compute criterr=1.
end if.
do if (relx(1,1)=-999).
compute relx=1.
else.
compute yrelx=1.
end if.
do if (relm(1,1)=-999).
compute relm=1.
end if.

```

Notes

Resources	Processor Time	00:00:02,20
	Elapsed Time	00:00:02,00

Notes

Output Created		13-DEC-2025 11:23:05
Comments		
Input	Data	/Users/simon/Library/CloudStorage/OneDrive-UGent/4_Challenges/Survey/Datafiles/Laura_AI_10_Dec.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	108

Notes

Syntax

```
MATRIX.
compute
wnames='xxxxx'.
compute
znames='xxxxx'.
compute triprob=0.
compute mcerpt=0.
compute wiscov=0.
compute ziscov=0.
compute tooman=0.
compute sv4match=0.
compute nclsv=0.
compute nclus=0.
compute tricheck=0.
compute errcode=make
(100,1,0).
compute
notecode=make
(100,1,0).
compute model = trunc(
4 ).
compute iterate = abs
(trunc( 100 )).
compute converge =
abs( 0.00001 ).
compute itprobtg=0.
compute v2tag=0.
compute ydich=0.
compute maxwwarn=0.
compute minwwarn=0.
compute maxzwarn=0.
compute minzwarn=0.
compute toomany=0.
compute wdich=0.
compute zdich=0.
compute wnotev=0.
compute znotev=0.
compute nxpval=1.
compute nwpval=1.
compute nzpval=1.
compute errs=1.
compute notes=1.
compute criterr=0.
compute novar=0.
compute adjust=0.
compute ncs=0.
compute serial=0.
compute sobelok=0.
compute hasw=0.
compute hasz=0.
compute printw=0.
compute printz=0.
compute relx={ -999 }.
compute relm={ -999 }.
compute relcov={ -999
}.
compute eiv={ 3 }.
compute eiv=trunc(eiv).
compute yrelx=0.
compute yrelm=0.
compute yrelcov=0.
compute relxphm=0.
compute eivhcnt=0.
do if ((eiv < 0) or (eiv >
5) or (eiv=4)).
compute errcode(errs,1)
=88.
compute errs=errs+1.
compute criterr=1.
end if.
do if (relx(1,1)=-999).
compute relx=1.
else.
compute yrelx=1.
end if.
do if (relm(1,1)=-999).
compute relm=1.
end if.
```


Notes

Resources	Processor Time	00:00:06,38
	Elapsed Time	00:00:06,00

TAM1 OP TAM4 VIA TAM3

Notes

Output Created		13-DEC-2025 11:29:59
Comments		
Input	Data	/Users/simon/Library/CloudStorage/OneDrive-UGent/4_Challenges/Survey/Datafiles/Laura_AI_10_Dec.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	108

Notes

Syntax

```

MATRIX.
compute
wnames='xxxxx'.
compute
znames='xxxxx'.
compute triprob=0.
compute mcerpt=0.
compute wiscov=0.
compute ziscov=0.
compute tooman=0.
compute sv4match=0.
compute nclsv=0.
compute nclus=0.
compute tricheck=0.
compute errcode=make
(100,1,0).
compute
notecode=make
(100,1,0).
compute model = trunc(
4 ).
compute iterate = abs
(trunc( 100 )).
compute converge =
abs( 0.00001 ).
compute itprobtg=0.
compute v2tag=0.
compute ydich=0.
compute maxwwarn=0.
compute minwwarn=0.
compute maxzwarn=0.
compute minzwarn=0.
compute toomany=0.
compute wdich=0.
compute zdich=0.
compute wnotev=0.
compute znotev=0.
compute nxpval=1.
compute nwpval=1.
compute nzpval=1.
compute errs=1.
compute notes=1.
compute criterr=0.
compute novar=0.
compute adjust=0.
compute ncs=0.
compute serial=0.
compute sobelok=0.
compute hasw=0.
compute hasz=0.
compute printw=0.
compute printz=0.
compute relx={ -999 }.
compute relm={ -999 }.
compute relcov={ -999
}.
compute eiv={ 3 }.
compute eiv=trunc(eiv).
compute yrelx=0.
compute yrelm=0.
compute yrelcov=0.
compute relxphm=0.
compute eivhcnt=0.
do if ((eiv < 0) or (eiv >
5) or (eiv=4)).
compute errcode(errs,1)
=88.
compute errs=errs+1.
compute criterr=1.
end if.
do if (relx(1,1)=-999).
compute relx=1.
else.
compute yrelx=1.
end if.
do if (relm(1,1)=-999).
compute relm=1.
end if.

```

Notes

Resources	Processor Time	00:00:05,77
	Elapsed Time	00:00:05,00

Run MATRIX procedure:

Copyright 2013-2025 by Andrew F. Hayes. ALL RIGHTS RESERVED.

This version of PROCESS requires SPSS version 26 or later

Workshop schedule available at haskayne.ucalgary.ca/CCRAM

In SPSS 29 and later, change default output font to Courier New for tidier output. More information about PROCESS at processmacro.org/faq.html.

This beta release has not been completely tested. Use at your own risk.

***** PROCESS Procedure for SPSS Version 5.0 *****

Written by Andrew F. Hayes, Ph.D. www.afhayes.com
Documentation available in Hayes (2022). www.guilford.com/p/hayes3

Model: 4

Y: TAM_4

X: TAM_1

M: TAM_3

Covariates:

TAM_5 UWU_Scal TAM_2

Sample

Size: 108

Variable descriptive statistics

	TAM_4	TAM_1	TAM_3	TAM_5	UWU_Scal	TAM_2
Mean	4.2500	4.7963	4.2778	4.2593	2.8079	4.4630
SD	1.7028	1.4126	1.7392	1.5369	1.0050	1.5792
Min	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Max	7.0000	7.0000	7.0000	7.0000	4.7500	7.0000

Variable intercorrelations (Pearson r)

	TAM_4	TAM_1	TAM_3	TAM_5	UWU_Scal	TAM_2
TAM_4	1.0000	.6236	.8063	.7178	.4857	.7524
TAM_1	.6236	1.0000	.6167	.4163	.4017	.6292
TAM_3	.8063	.6167	1.0000	.5672	.5321	.7864
TAM_5	.7178	.4163	.5672	1.0000	.2882	.5816
UWU_Scal	.4857	.4017	.5321	.2882	1.0000	.4850
TAM_2	.7524	.6292	.7864	.5816	.4850	1.0000

OUTCOME VARIABLE:

TAM_3

Model Summary

R	R-sq	Adj R-sq	F	p	SEest
.8253	.6812	.6688	55.0176	.0000	1.0009

Shrunken R estimates

Browne LvOut1 LvOut2

	.8119	.8048	.8112			
	SS	df	MS			
Regress	220.4766	4.0000	55.1192			
Residual	103.1901	103.0000	1.0018			
Total	323.6667	107.0000	3.0249			

Model						
	coeff	se	t	p	LLCI	ULCI
constant	-.7731	.3945	-1.9594	.0528	-1.5556	.0094
TAM_1	.1982	.0893	2.2196	.0286	.0211	.3754
TAM_5	.1721	.0776	2.2167	.0288	.0181	.3261
UWU_Scal	.3037	.1112	2.7307	.0074	.0831	.5243
TAM_2	.5634	.0925	6.0893	.0000	.3799	.7468

Some regression diagnostics

	Min.	Max.
fitted	.7680	6.6276
residual	-2.8268	2.2741
t-resid	-2.9675	2.3947

Shape of residuals

	Skewness	Kurtosis
Value	-.1951	.2821
se	.2325	.4611

Bonferroni-corrected p for largest t-residual

t-resid	p-value	casenum
-2.9675	.4040	98.0000

Most influential observations

	casenum	dfbeta
constant	67.0000	-.2256
TAM_1	67.0000	.0589
TAM_5	77.0000	-.0306
UWU_Scal	55.0000	-.0491
TAM_2	67.0000	-.0621

Variable tolerance and VIF

	Tol.	VIF
TAM_1	.5882	1.7000
TAM_5	.6576	1.5208
UWU_Scal	.7494	1.3344
TAM_2	.4386	2.2798

Breusch-Pagan test of heteroskedasticity

	Chi-sq	df	p
Normal	3.0352	4.0000	.5520
Robust	2.7417	4.0000	.6019

OUTCOME VARIABLE:

TAM_4

Model Summary

R	R-sq	Adj R-sq	F	p	SEest
.8806	.7754	.7644	70.4328	.0000	.8265

Shrunken R estimates

Browne	LvOut1	LvOut2
.8690	.8629	.8667

	SS	df	MS
Regress	240.5714	5.0000	48.1143
Residual	69.6786	102.0000	.6831
Total	310.2500	107.0000	2.8995

Model

	coeff	se	t	p	LLCI	ULCI
constant	-.7020	.3318	-2.1158	.0368	-1.3602	-.0439
TAM_1	.1566	.0755	2.0738	.0406	.0068	.3063
TAM_3	.3887	.0814	4.7776	.0000	.2273	.5501
TAM_5	.3845	.0656	5.8596	.0000	.2544	.5147
UWU_Scal	.1025	.0951	1.0781	.2835	-.0861	.2912
TAM_2	.1373	.0891	1.5406	.1265	-.0395	.3140

Some regression diagnostics

	Min.	Max.
fitted	.5701	6.6108
residual	-2.3771	2.5399
t-resid	-3.1547	3.3900

Shape of residuals

	Skewness	Kurtosis
Value	-.2720	1.3097
se	.2325	.4611

Bonferroni-corrected p for largest t-residual

t-resid	p-value	casenum
3.3900	.1078	45.0000

Most influential observations

	casenum	dfbeta
constant	19.0000	-.1183
TAM_1	45.0000	.0455
TAM_3	89.0000	-.0409
TAM_5	19.0000	.0604
UWU_Scal	45.0000	-.0638
TAM_2	89.0000	.0532

Variable tolerance and VIF

	Tol.	VIF
TAM_1	.5614	1.7814
TAM_3	.3188	3.1366
TAM_5	.6276	1.5933
UWU_Scal	.6988	1.4311
TAM_2	.3225	3.1005

Breusch-Pagan test of heteroskedasticity

	Chi-sq	df	p
Normal	15.2744	5.0000	.0093
Robust	9.5619	5.0000	.0886

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

Direct effect of X on Y

Effect	se	t	p	LLCI	ULCI
.1566	.0755	2.0738	.0406	.0068	.3063

Indirect effect(s) of X on Y:

	Effect	BootSE	BootLLCI	BootULCI
TAM_3	.0771	.0438	-.0089	.1638

Cases with greatest influence on indirect effect(s):

	casenum	dfb_ie
TAM_3	67.0000	.0229

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

Level of confidence for all confidence intervals in output:
95.0000

Number of bootstrap samples for bias-corrected bootstrap confidence intervals:
5000

WARNING: Variables names longer than eight characters can produce incorrect output when some variables in the data file have the same first eight characters. Shorter variable names are recommended. By using this output, you are accepting all risk and consequences of interpreting or reporting results that may be incorrect.

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

TAM5 OP TAM4 VIA TAM3

Notes

Output Created		13-DEC-2025 11:32:51
Comments		
Input	Data	/Users/simon/Library/CloudStorage/OneDrive-UGent/4_Challenges/Survey/Datafiles/Laura_AI_10_Dec.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	108

Notes

Syntax

```

MATRIX.
compute
wnames='xxxxx'.
compute
znames='xxxxx'.
compute triprob=0.
compute mcerpt=0.
compute wiscov=0.
compute ziscov=0.
compute tooman=0.
compute sv4match=0.
compute nclsv=0.
compute nclus=0.
compute tricheck=0.
compute errcode=make
(100,1,0).
compute
notecode=make
(100,1,0).
compute model = trunc(
4 ).
compute iterate = abs
(trunc( 100 )).
compute converge =
abs( 0.00001 ).
compute itprobtg=0.
compute v2tag=0.
compute ydich=0.
compute maxwwarn=0.
compute minwwarn=0.
compute maxzwarn=0.
compute minzwarn=0.
compute toomany=0.
compute wdich=0.
compute zdich=0.
compute wnotev=0.
compute znotev=0.
compute nxpval=1.
compute nwpval=1.
compute nzpval=1.
compute errs=1.
compute notes=1.
compute criterr=0.
compute novar=0.
compute adjust=0.
compute ncs=0.
compute serial=0.
compute sobelok=0.
compute hasw=0.
compute hasz=0.
compute printw=0.
compute printz=0.
compute relx={ -999 }.
compute relm={ -999 }.
compute relcov={ -999
}.
compute eiv={ 3 }.
compute eiv=trunc(eiv).
compute yrelx=0.
compute yrelm=0.
compute yrelcov=0.
compute relxphm=0.
compute eivhcnt=0.
do if ((eiv < 0) or (eiv >
5) or (eiv=4)).
compute errcode(errs,1)
=88.
compute errs=errs+1.
compute criterr=1.
end if.
do if (relx(1,1)=-999).
compute relx=1.
else.
compute yrelx=1.
end if.
do if (relm(1,1)=-999).
compute relm=1.
end if.

```


Notes

Resources	Processor Time	00:00:05,42
	Elapsed Time	00:00:05,00

Run MATRIX procedure:

Copyright 2013-2025 by Andrew F. Hayes. ALL RIGHTS RESERVED.

This version of PROCESS requires SPSS version 26 or later

Workshop schedule available at haskayne.ucalgary.ca/CCRAM

In SPSS 29 and later, change default output font to Courier New for tidier output. More information about PROCESS at processmacro.org/faq.html.

This beta release has not been completely tested. Use at your own risk.

***** PROCESS Procedure for SPSS Version 5.0 *****

Written by Andrew F. Hayes, Ph.D. www.afhayes.com
Documentation available in Hayes (2022). www.guilford.com/p/hayes3

Model: 4

Y: TAM_4

X: TAM_5

M: TAM_3

Covariates:

UWU_Scal TAM_2 TAM_1

Sample

Size: 108

Variable descriptive statistics

	TAM_4	TAM_5	TAM_3	UWU_Scal	TAM_2	TAM_1
Mean	4.2500	4.2593	4.2778	2.8079	4.4630	4.7963
SD	1.7028	1.5369	1.7392	1.0050	1.5792	1.4126
Min	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Max	7.0000	7.0000	7.0000	4.7500	7.0000	7.0000

Variable intercorrelations (Pearson r)

	TAM_4	TAM_5	TAM_3	UWU_Scal	TAM_2	TAM_1
TAM_4	1.0000	.7178	.8063	.4857	.7524	.6236
TAM_5	.7178	1.0000	.5672	.2882	.5816	.4163
TAM_3	.8063	.5672	1.0000	.5321	.7864	.6167
UWU_Scal	.4857	.2882	.5321	1.0000	.4850	.4017
TAM_2	.7524	.5816	.7864	.4850	1.0000	.6292
TAM_1	.6236	.4163	.6167	.4017	.6292	1.0000

OUTCOME VARIABLE:

TAM_3

Model Summary

R	R-sq	Adj R-sq	F	p	SEest
.8253	.6812	.6688	55.0176	.0000	1.0009

Shrunken R estimates

Browne LvOut1 LvOut2

	.8119	.8048	.8112			
	SS	df	MS			
Regress	220.4766	4.0000	55.1192			
Residual	103.1901	103.0000	1.0018			
Total	323.6667	107.0000	3.0249			

Model						
	coeff	se	t	p	LLCI	ULCI
constant	-.7731	.3945	-1.9594	.0528	-1.5556	.0094
TAM_5	.1721	.0776	2.2167	.0288	.0181	.3261
UWU_Scal	.3037	.1112	2.7307	.0074	.0831	.5243
TAM_2	.5634	.0925	6.0893	.0000	.3799	.7468
TAM_1	.1982	.0893	2.2196	.0286	.0211	.3754

Some regression diagnostics

	Min.	Max.
fitted	.7680	6.6276
residual	-2.8268	2.2741
t-resid	-2.9675	2.3947

Shape of residuals

	Skewness	Kurtosis
Value	-.1951	.2821
se	.2325	.4611

Bonferroni-corrected p for largest t-residual

t-resid	p-value	casenum
-2.9675	.4040	98.0000

Most influential observations

	casenum	dfbeta
constant	67.0000	-.2256
TAM_5	77.0000	-.0306
UWU_Scal	55.0000	-.0491
TAM_2	67.0000	-.0621
TAM_1	67.0000	.0589

Variable tolerance and VIF

	Tol.	VIF
TAM_5	.6576	1.5208
UWU_Scal	.7494	1.3344
TAM_2	.4386	2.2798
TAM_1	.5882	1.7000

Breusch-Pagan test of heteroskedasticity

	Chi-sq	df	p
Normal	3.0352	4.0000	.5520
Robust	2.7417	4.0000	.6019

OUTCOME VARIABLE:
TAM_4

Model Summary

R	R-sq	Adj R-sq	F	p	SEest
.8806	.7754	.7644	70.4328	.0000	.8265

Shrunken R estimates

Browne	LvOut1	LvOut2
.8690	.8629	.8667

	SS	df	MS
Regress	240.5714	5.0000	48.1143
Residual	69.6786	102.0000	.6831
Total	310.2500	107.0000	2.8995

Model

	coeff	se	t	p	LLCI	ULCI
constant	-.7020	.3318	-2.1158	.0368	-1.3602	-.0439
TAM_5	.3845	.0656	5.8596	.0000	.2544	.5147
TAM_3	.3887	.0814	4.7776	.0000	.2273	.5501
UWU_Scal	.1025	.0951	1.0781	.2835	-.0861	.2912
TAM_2	.1373	.0891	1.5406	.1265	-.0395	.3140
TAM_1	.1566	.0755	2.0738	.0406	.0068	.3063

Some regression diagnostics

	Min.	Max.
fitted	.5701	6.6108
residual	-2.3771	2.5399
t-resid	-3.1547	3.3900

Shape of residuals

	Skewness	Kurtosis
Value	-.2720	1.3097
se	.2325	.4611

Bonferroni-corrected p for largest t-residual

t-resid	p-value	casenum
3.3900	.1078	45.0000

Most influential observations

	casenum	dfbeta
constant	19.0000	-.1183
TAM_5	19.0000	.0604
TAM_3	89.0000	-.0409
UWU_Scal	45.0000	-.0638
TAM_2	89.0000	.0532
TAM_1	45.0000	.0455

Variable tolerance and VIF

	Tol.	VIF
TAM_5	.6276	1.5933
TAM_3	.3188	3.1366
UWU_Scal	.6988	1.4311
TAM_2	.3225	3.1005
TAM_1	.5614	1.7814

Breusch-Pagan test of heteroskedasticity

	Chi-sq	df	p
Normal	15.2744	5.0000	.0093
Robust	9.5619	5.0000	.0886

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

Direct effect of X on Y

Effect	se	t	p	LLCI	ULCI
.3845	.0656	5.8596	.0000	.2544	.5147

Indirect effect(s) of X on Y:

	Effect	BootSE	BootLLCI	BootULCI
TAM_3	.0669	.0390	.0125	.1682

Cases with greatest influence on indirect effect(s):

	casenum	dfb_ie
TAM_3	98.0000	-.0152

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

Level of confidence for all confidence intervals in output:

95.0000

Number of bootstrap samples for bias-corrected bootstrap confidence intervals:

5000

WARNING: Variables names longer than eight characters can produce incorrect output when some variables in the data file have the same first eight characters. Shorter variable names are recommended. By using this output, you are accepting all risk and consequences of interpreting or reporting results that may be incorrect.

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

UWU OP TAM4 VIA TAM3

Notes

Output Created		13-DEC-2025 11:34:43
Comments		
Input	Data	/Users/simon/Library/CloudStorage/OneDrive-UGent/4_Challenges/Survey/Datafiles/Laura_AI_10_Dec.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	108

Notes

Syntax

```

MATRIX.
compute
wnames='xxxxx'.
compute
znames='xxxxx'.
compute triprob=0.
compute mcerpt=0.
compute wiscov=0.
compute ziscov=0.
compute tooman=0.
compute sv4match=0.
compute nclsv=0.
compute nclus=0.
compute tricheck=0.
compute errcode=make
(100,1,0).
compute
notecode=make
(100,1,0).
compute model = trunc(
4 ).
compute iterate = abs
(trunc( 100 )).
compute converge =
abs( 0.00001 ).
compute itprobtg=0.
compute v2tag=0.
compute ydich=0.
compute maxwwarn=0.
compute minwwarn=0.
compute maxzwarn=0.
compute minzwarn=0.
compute toomany=0.
compute wdich=0.
compute zdich=0.
compute wnotev=0.
compute znotev=0.
compute nxpval=1.
compute nwpval=1.
compute nzpval=1.
compute errs=1.
compute notes=1.
compute criterr=0.
compute novar=0.
compute adjust=0.
compute ncs=0.
compute serial=0.
compute sobelok=0.
compute hasw=0.
compute hasz=0.
compute printw=0.
compute printz=0.
compute relx={ -999 }.
compute relm={ -999 }.
compute relcov={ -999
}.
compute eiv={ 3 }.
compute eiv=trunc(eiv).
compute yrelx=0.
compute yrelm=0.
compute yrelcov=0.
compute relxphm=0.
compute eivhcnt=0.
do if ((eiv < 0) or (eiv >
5) or (eiv=4)).
compute errcode(errs,1)
=88.
compute errs=errs+1.
compute criterr=1.
end if.
do if (relx(1,1)=-999).
compute relx=1.
else.
compute yrelx=1.
end if.
do if (relm(1,1)=-999).
compute relm=1.

```

Notes

Resources	Processor Time	00:00:05,45
	Elapsed Time	00:00:05,00

Run MATRIX procedure:

Copyright 2013-2025 by Andrew F. Hayes. ALL RIGHTS RESERVED.

This version of PROCESS requires SPSS version 26 or later

Workshop schedule available at haskayne.ucalgary.ca/CCRAM

In SPSS 29 and later, change default output font to Courier New for tidier output. More information about PROCESS at processmacro.org/faq.html.

This beta release has not been completely tested. Use at your own risk.

***** PROCESS Procedure for SPSS Version 5.0 *****

Written by Andrew F. Hayes, Ph.D. www.afhayes.com
Documentation available in Hayes (2022). www.guilford.com/p/hayes3

Model: 4
Y: TAM_4
X: UWU_Scal
M: TAM_3

Covariates:

TAM_2 TAM_1 TAM_5

Sample

Size: 108

Variable descriptive statistics

	TAM_4	UWU_Scal	TAM_3	TAM_2	TAM_1	TAM_5
Mean	4.2500	2.8079	4.2778	4.4630	4.7963	4.2593
SD	1.7028	1.0050	1.7392	1.5792	1.4126	1.5369
Min	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Max	7.0000	4.7500	7.0000	7.0000	7.0000	7.0000

Variable intercorrelations (Pearson r)

	TAM_4	UWU_Scal	TAM_3	TAM_2	TAM_1	TAM_5
TAM_4	1.0000	.4857	.8063	.7524	.6236	.7178
UWU_Scal	.4857	1.0000	.5321	.4850	.4017	.2882
TAM_3	.8063	.5321	1.0000	.7864	.6167	.5672
TAM_2	.7524	.4850	.7864	1.0000	.6292	.5816
TAM_1	.6236	.4017	.6167	.6292	1.0000	.4163
TAM_5	.7178	.2882	.5672	.5816	.4163	1.0000

OUTCOME VARIABLE:

TAM_3

Model Summary

R	R-sq	Adj R-sq	F	p	SEest
.8253	.6812	.6688	55.0176	.0000	1.0009

Shrunken R estimates

Browne LvOut1 LvOut2

	.8119	.8048	.8112			
	SS	df	MS			
Regress	220.4766	4.0000	55.1192			
Residual	103.1901	103.0000	1.0018			
Total	323.6667	107.0000	3.0249			

Model						
	coeff	se	t	p	LLCI	ULCI
constant	-.7731	.3945	-1.9594	.0528	-1.5556	.0094
UWU_Scal	.3037	.1112	2.7307	.0074	.0831	.5243
TAM_2	.5634	.0925	6.0893	.0000	.3799	.7468
TAM_1	.1982	.0893	2.2196	.0286	.0211	.3754
TAM_5	.1721	.0776	2.2167	.0288	.0181	.3261

Some regression diagnostics

	Min.	Max.
fitted	.7680	6.6276
residual	-2.8268	2.2741
t-resid	-2.9675	2.3947

Shape of residuals

	Skewness	Kurtosis
Value	-.1951	.2821
se	.2325	.4611

Bonferroni-corrected p for largest t-residual

t-resid	p-value	casenum
-2.9675	.4040	98.0000

Most influential observations

	casenum	dfbeta
constant	67.0000	-.2256
UWU_Scal	55.0000	-.0491
TAM_2	67.0000	-.0621
TAM_1	67.0000	.0589
TAM_5	77.0000	-.0306

Variable tolerance and VIF

	Tol.	VIF
UWU_Scal	.7494	1.3344
TAM_2	.4386	2.2798
TAM_1	.5882	1.7000
TAM_5	.6576	1.5208

Breusch-Pagan test of heteroskedasticity

	Chi-sq	df	p
Normal	3.0352	4.0000	.5520
Robust	2.7417	4.0000	.6019

OUTCOME VARIABLE:
TAM_4

Model Summary

R	R-sq	Adj R-sq	F	p	SEest
.8806	.7754	.7644	70.4328	.0000	.8265

Shrunken R estimates

Browne	LvOut1	LvOut2
.8690	.8629	.8667

	SS	df	MS
Regress	240.5714	5.0000	48.1143
Residual	69.6786	102.0000	.6831
Total	310.2500	107.0000	2.8995

Model

	coeff	se	t	p	LLCI	ULCI
constant	-.7020	.3318	-2.1158	.0368	-1.3602	-.0439
UWU_Scal	.1025	.0951	1.0781	.2835	-.0861	.2912
TAM_3	.3887	.0814	4.7776	.0000	.2273	.5501
TAM_2	.1373	.0891	1.5406	.1265	-.0395	.3140
TAM_1	.1566	.0755	2.0738	.0406	.0068	.3063
TAM_5	.3845	.0656	5.8596	.0000	.2544	.5147

Some regression diagnostics

	Min.	Max.
fitted	.5701	6.6108
residual	-2.3771	2.5399
t-resid	-3.1547	3.3900

Shape of residuals

	Skewness	Kurtosis
Value	-.2720	1.3097
se	.2325	.4611

Bonferroni-corrected p for largest t-residual

t-resid	p-value	casenum
3.3900	.1078	45.0000

Most influential observations

	casenum	dfbeta
constant	19.0000	-.1183
UWU_Scal	45.0000	-.0638
TAM_3	89.0000	-.0409
TAM_2	89.0000	.0532
TAM_1	45.0000	.0455
TAM_5	19.0000	.0604

Variable tolerance and VIF

	Tol.	VIF
UWU_Scal	.6988	1.4311
TAM_3	.3188	3.1366
TAM_2	.3225	3.1005
TAM_1	.5614	1.7814
TAM_5	.6276	1.5933

Breusch-Pagan test of heteroskedasticity

	Chi-sq	df	p
Normal	15.2744	5.0000	.0093
Robust	9.5619	5.0000	.0886

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

Direct effect of X on Y					
Effect	se	t	p	LLCI	ULCI
.1025	.0951	1.0781	.2835	-.0861	.2912

Indirect effect(s) of X on Y:				
	Effect	BootSE	BootLLCI	BootULCI
TAM_3	.1181	.0476	.0435	.2397

Cases with greatest influence on indirect effect(s):

	casenum	dfb_ie
TAM_3	55.0000	-.0184

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

Level of confidence for all confidence intervals in output:
95.0000

Number of bootstrap samples for bias-corrected bootstrap confidence intervals:
5000

WARNING: Variables names longer than eight characters can produce incorrect output when some variables in the data file have the same first eight characters. Shorter variable names are recommended. By using this output, you are accepting all risk and consequences of interpreting or reporting results that may be incorrect.

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

Trust op TAM3 via TAM2

Notes

Output Created		13-DEC-2025 11:45:23
Comments		
Input	Data	/Users/simon/Library/CloudStorage/OneDrive-UGent/4_Challenges/Survey/Datafiles/Laura_AI_10_Dec.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	108

Notes

Syntax

```

MATRIX.
compute
wnames='xxxxx'.
compute
znames='xxxxx'.
compute triprob=0.
compute mcerpt=0.
compute wiscov=0.
compute ziscov=0.
compute tooman=0.
compute sv4match=0.
compute nclsv=0.
compute nclus=0.
compute tricheck=0.
compute errcode=make
(100,1,0).
compute
notecode=make
(100,1,0).
compute model = trunc(
4 ).
compute iterate = abs
(trunc( 100 )).
compute converge =
abs( 0.00001 ).
compute itprobtg=0.
compute v2tag=0.
compute ydich=0.
compute maxwwarn=0.
compute minwwarn=0.
compute maxzwarn=0.
compute minzwarn=0.
compute toomany=0.
compute wdich=0.
compute zdich=0.
compute wnotev=0.
compute znotev=0.
compute nxpval=1.
compute nwpval=1.
compute nzpval=1.
compute errs=1.
compute notes=1.
compute criterr=0.
compute novar=0.
compute adjust=0.
compute ncs=0.
compute serial=0.
compute sobelok=0.
compute hasw=0.
compute hasz=0.
compute printw=0.
compute printz=0.
compute relx={ -999 }.
compute relm={ -999 }.
compute relcov={ -999
}.
compute eiv={ 3 }.
compute eiv=trunc(eiv).
compute yrelx=0.
compute yrelm=0.
compute yrelcov=0.
compute relxphm=0.
compute eivhcnt=0.
do if ((eiv < 0) or (eiv >
5) or (eiv=4)).
compute errcode(errs,1)
=88.
compute errs=errs+1.
compute criterr=1.
end if.
do if (relx(1,1)=-999).
compute relx=1.
else.
compute yrelx=1.
end if.
do if (relm(1,1)=-999).
compute relm=1.
end if.

```

Notes

Resources	Processor Time	00:00:05,83
	Elapsed Time	00:00:06,00

Run MATRIX procedure:

Copyright 2013-2025 by Andrew F. Hayes. ALL RIGHTS RESERVED.

This version of PROCESS requires SPSS version 26 or later

Workshop schedule available at haskayne.ucalgary.ca/CCRAM

In SPSS 29 and later, change default output font to Courier New for tidier output. More information about PROCESS at processmacro.org/faq.html.

This beta release has not been completely tested. Use at your own risk.

***** PROCESS Procedure for SPSS Version 5.0 *****

Written by Andrew F. Hayes, Ph.D. www.afhayes.com
Documentation available in Hayes (2022). www.guilford.com/p/hayes3

Model: 4
Y: TAM_3
X: AIMental
M: TAM_2

Covariates:
Laura_Fe

Sample
Size: 108

Variable descriptive statistics

	TAM_3	AIMental	TAM_2	Laura_Fe
Mean	4.2778	3.8704	4.4630	4.6250
SD	1.7392	1.3746	1.5792	1.5568
Min	1.0000	1.0000	1.0000	1.0000
Max	7.0000	6.0000	7.0000	7.0000

Variable intercorrelations (Pearson r)

	TAM_3	AIMental	TAM_2	Laura_Fe
TAM_3	1.0000	.4452	.7864	.4263
AIMental	.4452	1.0000	.5058	.2642
TAM_2	.7864	.5058	1.0000	.3516
Laura_Fe	.4263	.2642	.3516	1.0000

OUTCOME VARIABLE:
TAM_2

Model Summary

R	R-sq	Adj R-sq	F	p	SEest
.5540	.3069	.2937	23.2468	.0000	1.3272

Shrunken R estimates

Browne	LvOut1	LvOut2
.5354	.5091	.5365

	SS	df	MS
Regress	81.8973	2.0000	40.9486
Residual	184.9546	105.0000	1.7615
Total	266.8519	107.0000	2.4939

Model

	coeff	se	t	p	LLCI	ULCI
constant	1.3898	.4843	2.8695	.0050	.4295	2.3502
AIMental	.5099	.0968	5.2689	.0000	.3180	.7018
Laura_Fe	.2377	.0855	2.7821	.0064	.0683	.4072

Some regression diagnostics

	Min.	Max.
fitted	2.1375	6.1135
residual	-4.1626	3.1149
t-resid	-3.3788	2.4576

Shape of residuals

	Skewness	Kurtosis
Value	-.6592	.7732
se	.2325	.4611

Bonferroni-corrected p for largest t-residual

t-resid	p-value	casenum
-3.3788	.1108	87.0000

Most influential observations

	casenum	dfbeta
constant	93.0000	.2436
AIMental	87.0000	-.0586
Laura_Fe	87.0000	.0412

Variable tolerance and VIF

	Tol.	VIF
AIMental	.9302	1.0751
Laura_Fe	.9302	1.0751

Breusch-Pagan test of heteroskedasticity

	Chi-sq	df	p
Normal	.1202	2.0000	.9417
Robust	.0896	2.0000	.9562

OUTCOME VARIABLE:

TAM_3

Model Summary

R	R-sq	Adj R-sq	F	p	SEest
.8034	.6455	.6352	63.1112	.0000	1.0504

Shrunken R estimates

Browne	LvOut1	LvOut2
.7926	.7839	.7909

	SS	df	MS
Regress	208.9122	3.0000	69.6374
Residual	114.7545	104.0000	1.1034

Total	323.6667	107.0000	3.0249
-------	----------	----------	--------

Model

	coeff	se	t	p	LLCI	ULCI
constant	-.2672	.3981	-.6713	.5035	-1.0567	.5222
AIMental	.0562	.0861	.6530	.5152	-.1146	.2270
TAM_2	.7768	.0772	10.0573	.0000	.6236	.9300
Laura_Fe	.1860	.0701	2.6545	.0092	.0471	.3250

Some regression diagnostics

	Min.	Max.
fitted	.8449	6.7540
residual	-3.1771	2.3015
t-resid	-3.2763	2.3371

Shape of residuals

	Skewness	Kurtosis
Value	-.4107	.9592
se	.2325	.4611

Bonferroni-corrected p for largest t-residual

t-resid	p-value	casenum
-3.2763	.1549	67.0000

Most influential observations

	casenum	dfbeta
constant	55.0000	.1330
AIMental	98.0000	-.0382
TAM_2	89.0000	-.0282
Laura_Fe	67.0000	.0520

Variable tolerance and VIF

	Tol.	VIF
AIMental	.7357	1.3593
TAM_2	.6931	1.4428
Laura_Fe	.8663	1.1543

Breusch-Pagan test of heteroskedasticity

	Chi-sq	df	p
Normal	1.1805	3.0000	.7577
Robust	.8254	3.0000	.8434

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

Direct effect of X on Y

Effect	se	t	p	LLCI	ULCI
.0562	.0861	.6530	.5152	-.1146	.2270

Indirect effect(s) of X on Y:

	Effect	BootSE	BootLLCI	BootULCI
TAM_2	.3961	.0930	.2269	.5954

Cases with greatest influence on indirect effect(s):

	casenum	dfb_ie
TAM_2	87.0000	-.0395

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

Level of confidence for all confidence intervals in output:
95.0000

Number of bootstrap samples for bias-corrected bootstrap confidence intervals:
5000

WARNING: Variables names longer than eight characters can produce incorrect output when some variables in the data file have the same first eight characters. Shorter variable names are recommended. By using this output, you are accepting all risk and consequences of interpreting or reporting results that may be incorrect.

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

DASHBOARDCOMFORT OP TAM3 VIA TAM2

Notes

Output Created		13-DEC-2025 11:49:53
Comments		
Input	Data	/Users/simon/Library/CloudStorage/OneDrive-UGent/4_Challenges/Survey/Datafiles/Laura_AI_10_Dec.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	108

Notes

Syntax

```

MATRIX.
compute
wnames='xxxxx'.
compute
znames='xxxxx'.
compute triprob=0.
compute mcerpt=0.
compute wiscov=0.
compute ziscov=0.
compute tooman=0.
compute sv4match=0.
compute nclsv=0.
compute nclus=0.
compute tricheck=0.
compute errcode=make
(100,1,0).
compute
notecode=make
(100,1,0).
compute model = trunc(
4 ).
compute iterate = abs
(trunc( 100 )).
compute converge =
abs( 0.00001 ).
compute itprobtg=0.
compute v2tag=0.
compute ydich=0.
compute maxwwarn=0.
compute minwwarn=0.
compute maxzwarn=0.
compute minzwarn=0.
compute toomany=0.
compute wdich=0.
compute zdich=0.
compute wnotev=0.
compute znotev=0.
compute nxpval=1.
compute nwpval=1.
compute nzpval=1.
compute errs=1.
compute notes=1.
compute criterr=0.
compute novar=0.
compute adjust=0.
compute ncs=0.
compute serial=0.
compute sobelok=0.
compute hasw=0.
compute hasz=0.
compute printw=0.
compute printz=0.
compute relx={ -999 }.
compute relm={ -999 }.
compute relcov={ -999
}.
compute eiv={ 3 }.
compute eiv=trunc(eiv).
compute yrelx=0.
compute yrelm=0.
compute yrelcov=0.
compute relxphm=0.
compute eivhcnt=0.
do if ((eiv < 0) or (eiv >
5) or (eiv=4)).
compute errcode(errs,1)
=88.
compute errs=errs+1.
compute criterr=1.
end if.
do if (relx(1,1)=-999).
compute relx=1.
else.
compute yrelx=1.
end if.
do if (relm(1,1)=-999).
compute relm=1.
end if.

```

Notes

Resources	Processor Time	00:00:05,91
	Elapsed Time	00:00:06,00

Run MATRIX procedure:

Copyright 2013-2025 by Andrew F. Hayes. ALL RIGHTS RESERVED.

This version of PROCESS requires SPSS version 26 or later

Workshop schedule available at haskayne.ucalgary.ca/CCRAM

In SPSS 29 and later, change default output font to Courier New for tidier output. More information about PROCESS at processmacro.org/faq.html.

This beta release has not been completely tested. Use at your own risk.

***** PROCESS Procedure for SPSS Version 5.0 *****

Written by Andrew F. Hayes, Ph.D. www.afhayes.com
Documentation available in Hayes (2022). www.guilford.com/p/hayes3

Model: 4
Y: TAM_3
X: Laura_Fe
M: TAM_2

Covariates:
AIMental

Sample
Size: 108

Variable descriptive statistics

	TAM_3	Laura_Fe	TAM_2	AIMental
Mean	4.2778	4.6250	4.4630	3.8704
SD	1.7392	1.5568	1.5792	1.3746
Min	1.0000	1.0000	1.0000	1.0000
Max	7.0000	7.0000	7.0000	6.0000

Variable intercorrelations (Pearson r)

	TAM_3	Laura_Fe	TAM_2	AIMental
TAM_3	1.0000	.4263	.7864	.4452
Laura_Fe	.4263	1.0000	.3516	.2642
TAM_2	.7864	.3516	1.0000	.5058
AIMental	.4452	.2642	.5058	1.0000

OUTCOME VARIABLE:
TAM_2

Model Summary

R	R-sq	Adj R-sq	F	p	SEest
.5540	.3069	.2937	23.2468	.0000	1.3272

Shrunken R estimates

Browne	LvOut1	LvOut2
.5354	.5091	.5365

	SS	df	MS
Regress	81.8973	2.0000	40.9486
Residual	184.9546	105.0000	1.7615
Total	266.8519	107.0000	2.4939

Model

	coeff	se	t	p	LLCI	ULCI
constant	1.3898	.4843	2.8695	.0050	.4295	2.3502
Laura_Fe	.2377	.0855	2.7821	.0064	.0683	.4072
AIMental	.5099	.0968	5.2689	.0000	.3180	.7018

Some regression diagnostics

	Min.	Max.
fitted	2.1375	6.1135
residual	-4.1626	3.1149
t-resid	-3.3788	2.4576

Shape of residuals

	Skewness	Kurtosis
Value	-.6592	.7732
se	.2325	.4611

Bonferroni-corrected p for largest t-residual

t-resid	p-value	casenum
-3.3788	.1108	87.0000

Most influential observations

	casenum	dfbeta
constant	93.0000	.2436
Laura_Fe	87.0000	.0412
AIMental	87.0000	-.0586

Variable tolerance and VIF

	Tol.	VIF
Laura_Fe	.9302	1.0751
AIMental	.9302	1.0751

Breusch-Pagan test of heteroskedasticity

	Chi-sq	df	p
Normal	.1202	2.0000	.9417
Robust	.0896	2.0000	.9562

OUTCOME VARIABLE:

TAM_3

Model Summary

R	R-sq	Adj R-sq	F	p	SEest
.8034	.6455	.6352	63.1112	.0000	1.0504

Shrunken R estimates

Browne	LvOut1	LvOut2
.7926	.7839	.7909

	SS	df	MS
Regress	208.9122	3.0000	69.6374
Residual	114.7545	104.0000	1.1034

Total	323.6667	107.0000	3.0249
-------	----------	----------	--------

Model

	coeff	se	t	p	LLCI	ULCI
constant	-.2672	.3981	-.6713	.5035	-1.0567	.5222
Laura_Fe	.1860	.0701	2.6545	.0092	.0471	.3250
TAM_2	.7768	.0772	10.0573	.0000	.6236	.9300
AIMental	.0562	.0861	.6530	.5152	-.1146	.2270

Some regression diagnostics

	Min.	Max.
fitted	.8449	6.7540
residual	-3.1771	2.3015
t-resid	-3.2763	2.3371

Shape of residuals

	Skewness	Kurtosis
Value	-.4107	.9592
se	.2325	.4611

Bonferroni-corrected p for largest t-residual

t-resid	p-value	casenum
-3.2763	.1549	67.0000

Most influential observations

	casenum	dfbeta
constant	55.0000	.1330
Laura_Fe	67.0000	.0520
TAM_2	89.0000	-.0282
AIMental	98.0000	-.0382

Variable tolerance and VIF

	Tol.	VIF
Laura_Fe	.8663	1.1543
TAM_2	.6931	1.4428
AIMental	.7357	1.3593

Breusch-Pagan test of heteroskedasticity

	Chi-sq	df	p
Normal	1.1805	3.0000	.7577
Robust	.8254	3.0000	.8434

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

Direct effect of X on Y

Effect	se	t	p	LLCI	ULCI
.1860	.0701	2.6545	.0092	.0471	.3250

Indirect effect(s) of X on Y:

	Effect	BootSE	BootLLCI	BootULCI
TAM_2	.1847	.0782	.0349	.3390

Cases with greatest influence on indirect effect(s):

	casenum	dfb_ie
TAM_2	87.0000	.0341

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

Level of confidence for all confidence intervals in output:
95.0000

Number of bootstrap samples for bias-corrected bootstrap confidence intervals:
5000

WARNING: Variables names longer than eight characters can produce incorrect output when some variables in the data file have the same first eight characters. Shorter variable names are recommended. By using this output, you are accepting all risk and consequences of interpreting or reporting results that may be incorrect.

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

TRUST2 OP TAM3 VIA TAM2

Notes

Output Created		13-DEC-2025 16:42:02
Comments		
Input	Data	/Users/simon/Library/CloudStorage/OneDrive-UGent/4_Challenges/Survey/Datafiles/Laura_AI_10_Dec.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	108

Notes

Syntax

```

MATRIX.
compute
wnames='xxxxx'.
compute
znames='xxxxx'.
compute triprob=0.
compute mcerpt=0.
compute wiscov=0.
compute ziscov=0.
compute tooman=0.
compute sv4match=0.
compute nclsv=0.
compute nclus=0.
compute tricheck=0.
compute errcode=make
(100,1,0).
compute
notecode=make
(100,1,0).
compute model = trunc(
4 ).
compute iterate = abs
(trunc( 100 )).
compute converge =
abs( 0.00001 ).
compute itprobtg=0.
compute v2tag=0.
compute ydich=0.
compute maxwwarn=0.
compute minwwarn=0.
compute maxzwarn=0.
compute minzwarn=0.
compute toomany=0.
compute wdich=0.
compute zdich=0.
compute wnotev=0.
compute znotev=0.
compute nxpval=1.
compute nwpval=1.
compute nzpval=1.
compute errs=1.
compute notes=1.
compute criterr=0.
compute novar=0.
compute adjust=0.
compute ncs=0.
compute serial=0.
compute sobelok=0.
compute hasw=0.
compute hasz=0.
compute printw=0.
compute printz=0.
compute relx={ -999 }.
compute relm={ -999 }.
compute relcov={ -999
}.
compute eiv={ 3 }.
compute eiv=trunc(eiv).
compute yrelx=0.
compute yrelm=0.
compute yrelcov=0.
compute relxphm=0.
compute eivhcnt=0.
do if ((eiv < 0) or (eiv >
5) or (eiv=4)).
compute errcode(errs,1)
=88.
compute errs=errs+1.
compute criterr=1.
end if.
do if (relx(1,1)=-999).
compute relx=1.
else.
compute yrelx=1.
end if.
do if (relm(1,1)=-999).
compute relm=1.

```

Notes

Resources	Processor Time	00:00:06,67
	Elapsed Time	00:00:07,00

Run MATRIX procedure:

Copyright 2013-2025 by Andrew F. Hayes. ALL RIGHTS RESERVED.

This version of PROCESS requires SPSS version 26 or later

Workshop schedule available at haskayne.ucalgary.ca/CCRAM

In SPSS 29 and later, change default output font to Courier New for tidier output. More information about PROCESS at processmacro.org/faq.html.

This beta release has not been completely tested. Use at your own risk.

***** PROCESS Procedure for SPSS Version 5.0 *****

Written by Andrew F. Hayes, Ph.D. www.afhayes.com
Documentation available in Hayes (2022). www.guilford.com/p/hayes3

Model: 4
Y: TAM_3
X: AIMental
M: TAM_2

Covariates:

TAM_5 Laura_Fe TAM_1 UWU_Scal

Sample

Size: 108

Variable descriptive statistics

	TAM_3	AIMental	TAM_2	TAM_5	Laura_Fe	TAM_1	UWU_Scal
Mean	4.2778	4.0000	4.4630	4.2593	4.6250	4.7963	2.8079
SD	1.7392	1.4661	1.5792	1.5369	1.5568	1.4126	1.0050
Min	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Max	7.0000	7.0000	7.0000	7.0000	7.0000	7.0000	4.7500

Variable intercorrelations (Pearson r)

	TAM_3	AIMental	TAM_2	TAM_5	Laura_Fe	TAM_1	UWU_Scal
TAM_3	1.0000	.5461	.7864	.5672	.4263	.6167	.5321
AIMental	.5461	1.0000	.5570	.3691	.2907	.3430	.6390
TAM_2	.7864	.5570	1.0000	.5816	.3516	.6292	.4850
TAM_5	.5672	.3691	.5816	1.0000	.3730	.4163	.2882
Laura_Fe	.4263	.2907	.3516	.3730	1.0000	.3474	.4545
TAM_1	.6167	.3430	.6292	.4163	.3474	1.0000	.4017
UWU_Scal	.5321	.6390	.4850	.2882	.4545	.4017	1.0000

OUTCOME VARIABLE:
TAM_2

Model Summary

R	R-sq	MSE	F	df1	df2	p
.7752	.6010	1.0440	30.7228	5.0000	102.0000	.0000

Model

	coeff	se	t	p	LLCI	ULCI
constant	-.3742	.4253	-.8799	.3810	-1.2179	.4694
AIMental	.2873	.0909	3.1617	.0021	.1071	.4675
TAM_5	.3128	.0756	4.1370	.0001	.1628	.4628
Laura_Fe	-.0072	.0750	-.0964	.9234	-.1561	.1416
TAM_1	.4280	.0819	5.2235	.0000	.2655	.5905
UWU_Scal	.1198	.1399	.8564	.3938	-.1576	.3972

OUTCOME VARIABLE:
TAM_3

Model Summary

R	R-sq	MSE	F	df1	df2	p
.8298	.6886	.9979	37.2241	6.0000	101.0000	.0000

Model

	coeff	se	t	p	LLCI	ULCI
constant	-.9864	.4174	-2.3632	.0200	-1.8144	-.1584
AIMental	.0973	.0931	1.0448	.2986	-.0874	.2819
TAM_2	.5367	.0968	5.5440	.0000	.3447	.7287
TAM_5	.1436	.0799	1.7974	.0753	-.0149	.3021
Laura_Fe	.0896	.0734	1.2217	.2246	-.0559	.2352
TAM_1	.1950	.0902	2.1621	.0330	.0161	.3739
UWU_Scal	.1846	.1372	1.3454	.1815	-.0876	.4569

***** TOTAL EFFECT MODEL *****

OUTCOME VARIABLE:
TAM_3

Model Summary

R	R-sq	MSE	F	df1	df2	p
.7706	.5938	1.2888	29.8265	5.0000	102.0000	.0000

Model

	coeff	se	t	p	LLCI	ULCI
constant	-1.1873	.4726	-2.5123	.0136	-2.1246	-.2499
AIMental	.2514	.1010	2.4905	.0144	.0512	.4517
TAM_5	.3115	.0840	3.7074	.0003	.1448	.4782
Laura_Fe	.0858	.0834	1.0286	.3061	-.0796	.2512
TAM_1	.4247	.0910	4.6649	.0000	.2441	.6052
UWU_Scal	.2489	.1554	1.6018	.1123	-.0593	.5572

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

Total effect of X on Y

Effect	se	t	p	LLCI	ULCI
.2514	.1010	2.4905	.0144	.0512	.4517

Direct effect of X on Y

Effect	se	t	p	LLCI	ULCI
.0973	.0931	1.0448	.2986	-.0874	.2819

Indirect effect(s) of X on Y:

	Effect	BootSE	BootLLCI	BootULCI
TAM_2	.1542	.0593	.0510	.2831

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

Level of confidence for all confidence intervals in output:
95.0000

Number of bootstrap samples for percentile bootstrap confidence intervals:
5000

WARNING: Variables names longer than eight characters can produce incorrect output when some variables in the data file have the same first eight characters. Shorter variable names are recommended. By using this output, you are accepting all risk and consequences of interpreting or reporting results that may be incorrect.

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

TAM5 op TAM3 via TAM2

Notes

Output Created		17-DEC-2025 11:58:51
Comments		
Input	Data	/Users/simon/Library/CloudStorage/OneDrive-UGent/4_Challenges/Survey/Datafiles/Laura_AI_10_Dec.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	108

Notes

Syntax

```

MATRIX.
compute
wnames='xxxxx'.
compute
znames='xxxxx'.
compute triprob=0.
compute mcerpt=0.
compute wiscov=0.
compute ziscov=0.
compute tooman=0.
compute sv4match=0.
compute nclsv=0.
compute nclus=0.
compute tricheck=0.
compute errcode=make
(100,1,0).
compute
notecode=make
(100,1,0).
compute model = trunc(
4 ).
compute iterate = abs
(trunc( 100 )).
compute converge =
abs( 0.00001 ).
compute itprobtg=0.
compute v2tag=0.
compute ydich=0.
compute maxwwarn=0.
compute minwwarn=0.
compute maxzwarn=0.
compute minzwarn=0.
compute toomany=0.
compute wdich=0.
compute zdich=0.
compute wnotev=0.
compute znotev=0.
compute nxpval=1.
compute nwpval=1.
compute nzpval=1.
compute errs=1.
compute notes=1.
compute criterr=0.
compute novar=0.
compute adjust=0.
compute ncs=0.
compute serial=0.
compute sobelok=0.
compute hasw=0.
compute hasz=0.
compute printw=0.
compute printz=0.
compute relx={ -999 }.
compute relm={ -999 }.
compute relcov={ -999
}.
compute eiv={ 3 }.
compute eiv=trunc(eiv).
compute yrelx=0.
compute yrelm=0.
compute yrelcov=0.
compute relxphm=0.
compute eivhcnt=0.
do if ((eiv < 0) or (eiv >
5) or (eiv=4)).
compute errcode(errs,1)
=88.
compute errs=errs+1.
compute criterr=1.
end if.
do if (relx(1,1)=-999).
compute relx=1.
else.
compute yrelx=1.
end if.
do if (relm(1,1)=-999).
compute relm=1.
end if.

```

Notes

Resources	Processor Time	00:00:07,28
	Elapsed Time	00:00:07,00

Run MATRIX procedure:

Copyright 2013-2025 by Andrew F. Hayes. ALL RIGHTS RESERVED.

This version of PROCESS requires SPSS version 26 or later

Workshop schedule available at haskayne.ucalgary.ca/CCRAM

In SPSS 29 and later, change default output font to Courier New for tidier output. More information about PROCESS at processmacro.org/faq.html.

This beta release has not been completely tested. Use at your own risk.

***** PROCESS Procedure for SPSS Version 5.0 *****

Written by Andrew F. Hayes, Ph.D. www.afhayes.com
Documentation available in Hayes (2022). www.guilford.com/p/hayes3

Model: 4
Y: TAM_3
X: TAM_5
M: TAM_2

Covariates:
TAM_1 UWU_Scal

Sample
Size: 108

OUTCOME VARIABLE:
TAM_2

Model Summary	R	R-sq	MSE	F	df1	df2	p
	.7492	.5614	1.1255	44.3650	3.0000	104.0000	.0000

Model	coeff	se	t	p	LLCI	ULCI
constant	-.1791	.4178	-.4286	.6691	-1.0076	.6495
TAM_5	.3634	.0742	4.8983	.0000	.2163	.5105
TAM_1	.4374	.0844	5.1827	.0000	.2700	.6047
UWU_Scal	.3549	.1126	3.1513	.0021	.1316	.5783

OUTCOME VARIABLE:
TAM_3

Model Summary	R	R-sq	MSE	F	df1	df2	p
	.8253	.6812	1.0018	55.0176	4.0000	103.0000	.0000

Model	coeff	se	t	p	LLCI	ULCI
-------	-------	----	---	---	------	------

constant	-.7731	.3945	-1.9594	.0528	-1.5556	.0094
TAM_5	.1721	.0776	2.2167	.0288	.0181	.3261
TAM_2	.5634	.0925	6.0893	.0000	.3799	.7468
TAM_1	.1982	.0893	2.2196	.0286	.0211	.3754
UWU_Scal	.3037	.1112	2.7307	.0074	.0831	.5243

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

Direct effect of X on Y

Effect	se	t	p	LLCI	ULCI
.1721	.0776	2.2167	.0288	.0181	.3261

Indirect effect(s) of X on Y:

	Effect	BootSE	BootLLCI	BootULCI
TAM_2	.2047	.0587	.1010	.3295

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

Level of confidence for all confidence intervals in output:
95.0000

Number of bootstrap samples for percentile bootstrap confidence intervals:
5000

WARNING: Variables names longer than eight characters can produce incorrect output when some variables in the data file have the same first eight characters. Shorter variable names are recommended. By using this output, you are accepting all risk and consequences of interpreting or reporting results that may be incorrect.

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