OUTPUT M: SAS

********** MEMORE Procedure for SAS Version 1.1 **********

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Documentation available at afhayes.com

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Variables:

Y = PAIN2 PAIN1

M = HORMONE2 HORMONE1

Computed Variables:

Ydiff = PAIN2 - PAIN1

Mdiff = HORMONE2 - HORMONE1

Mavg = (HORMONE2 + HORMONE1) /2 centered

Sample Size:

20

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Outcome:

Ydiff = PAIN2 - PAIN1

Model

	Effect	SE	t	df	p	LLCI	ULCI
'X'	-6.5000	2.0654	-3.1471	19.0000	0.0053	-10.8232	-2.1768

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Outcome:

Mdiff = HORMONE2 - HORMONE1

Model

	Effect	SE	t	df	p	LLCI	ULCI
'X'	-2.2500	0.9173	-2.4528	19.0000	0.0240	-4.1701	-0.3299

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Outcome:

Ydiff = PAIN2 - PAIN1

Model Summary

R	R-sq	MSE	F	df1	df2	p
0.5554	0.3085	65.9384	3.7918	2.0000	17.0000	0.0435

Model

	Effect	SE	t	df	p	LLCI	ULCI
'X'	-3.7654	2.0869	-1.8043	17.0000	0.0889	-8.1687	0.6379
Mdiff	1.2154	0.4572	2.6583	17.0000	0.0166	0.2507	2.1801
Mavg	-0.1302	0.3209	-0.4057	17.0000	0.6900	-0.8074	0.5470

************ TOTAL, DIRECT, AND INDIRECT EFFECTS ******************

Total effect of X on Y

Effect	SE	t	df	p	LLCI	ULCI
-6.5000	2.0654	-3.1471	19.0000	0.0053	-10.8232	-2.1768

Direct effect of X on Y

Effect	SE	t	df	p	LLCI	ULCI
-3.7654	2.0869	-1.8043	17.0000	0.0889	-8.1687	0.6379

Indirect Effect of X on Y through M

	Effect	Boot SE	BootLLCI	BootULCI
Ind1	-2.7346	1.3262	-5.6979	-0.5390

Indirect effect key

Ind1 X -> M1diff -> Ydiff

****************** ANALYSIS NOTES AND WARNINGS **********************

Check SAS log for errors. Do not interpret output if errors are found.

Bootstrap confidence interval method: Percentile

Number of samples for bootstrap confidence intervals:	10000

Level of confidence for all confidence intervals in output:	95