

This document maps model specification and output options in the dialog box to corresponding syntax described in Appendix A of *Introduction to Mediation, Moderation, and Conditional Process Analysis*. Not all options available in PROCESS can be accessed through the PROCESS dialog box. Options and option arguments not available in the dialog box include **wmodval**, **zmodval**, **seed**, **bmatrix**, **wmatrix**, **zmatrix**, **wmatrix**, **normal**, **matrices**, **contrast=2**, **plot=2**, **save=2**, and the construction of a linear contrast of indirect effects.

Main PROCESS dialog box

The main PROCESS dialog box (PROCESS_v3.5) contains the following fields and buttons:

- Variables:** A list box containing 'division', 'd1', 'd2', and 'd3'.
- Y variable:** A dropdown menu with 'Dysfunctional team b...' selected.
- X variable:** A dropdown menu with 'Team performance [...]' selected.
- Mediator(s) M:** A list box with 'Negative expressiv...', 'Negative affective L...', and 'Negative affective L...'.
- Covariate(s):** An empty list box.
- Model number:** A dropdown menu with '4' selected.
- Confidence intervals:** A dropdown menu with '95' selected.
- Number of bootstrap samples:** A dropdown menu with '5000' selected.
- Save bootstrap estimates:** A checkbox.
- Bootstrap inference for model coefficients:** A checkbox.
- Moderator variable W:** A text input field.
- Moderator variable Z:** A text input field.
- Buttons:** 'About', 'Options', 'Multicategorical', 'Long variable names', 'OK', 'Paste', 'Reset', 'Cancel', 'Help'.

Opens dialog box A
Opens dialog box B
Click to accept risk
of long variable names

model=
conf=
boot=
save=1
modelbt=1

Dialog box A

Dialog box A (PROCESS options) contains the following fields and buttons:

- Show covariance matrix of regression coefficients:** A checkbox.
- Generate code for visualizing interactions:** A checkbox.
- Show total effect model (only models 4, 6, 80, 81, 82):** A checkbox.
- Pairwise contrasts of indirect effects:** A checkbox.
- Effect size (mediation-only models):** A checkbox.
- Standardized coefficients (mediation-only models):** A checkbox.
- Test for X by M interaction(s):** A checkbox.
- Residual correlations:** A checkbox.
- Heteroscedasticity-consistent inference:** A dropdown menu with 'None' selected.
- Decimal places in output:** A dropdown menu with '4' selected.
- Mean center for construction of products:** A group box with three radio buttons: 'No centering' (selected), 'All variables that define products', and 'Only continuous variables that define products'.
- Probe interactions...:** A dropdown menu with 'if p < .10' selected.
- Conditioning values:** A group box with three radio buttons: '16th, 50th, 84th percentiles' (selected), '-1SD, Mean, +1SD', and 'Johnson-Neyman output'.
- Buttons:** 'Continue', 'Cancel'.

covcoeff=1
plot=1
total=1
contrast=1
effsize=1
stand=1
xmtest=1
modelres=1

center=1
center=2
moments=1
jn=1

Heteroscedasticity-consistent inference dialog box:

- None** (selected)
- HC0 (Huber-White)
- HC1 (Hinkley)
- HC2
- HC3 (Davidson-MacKinnon)
- HC4 (Cribari-Neto)

Decimal places in output dialog box:

- 4 (selected)
- 2
- 3
- 5
- 6
- 7
- 8

Probe interactions... dialog box:

- if p < .10 (selected)
- always
- if p < .20
- if p < .05
- if p < .01

hc=
decimals=
intprobe=

Dialog box B.1

mcx=

mcw=

mcz=

Use to specify a categorical variable
with three or more categories

Variable X
☐ Multicategorical
Coding system
Indicator

Variable W
☐ Multicategorical
Coding system
Indicator

Variable Z
☐ Multicategorical
Coding system
Indicator

Continue Cancel

Clicking box
activates options
in dialog box B.2

Dialog box B.2

mcx, mcw, and
mcz options

1
2
3
4

Use to specify a categorical variable
with three or more categories

Variable X
☒ Multicategorical
Coding system
Indicator
Indicator
Sequential
Helmert
Effect
Coding system
Indicator

Variable Z
☐ Multicategorical
Coding system
Indicator

Continue Cancel