

Supplementary Online Content

Silverstein M, Cabral H, Hegel M, et al. Problem-solving education to prevent depression among low-income mothers: a path mediation analysis in a randomized clinical trial. *JAMA Netw Open*. 2018;1(2):e180334. doi:10.1001/jamanetworkopen.2018.0334

eTable. Single Mediator Pathways With Unstandardized Values

eFigure 1. Full Multivariate Model With Unstandardized Values

eFigure 2. Parsimonious Multivariate Path Model With Unstandardized Values

This supplementary material has been provided by the authors to give readers additional information about their work.

Appendix – Unstandardized Values

The following Tables/Figures present the same data as in the main manuscript, but with unstandardized values.

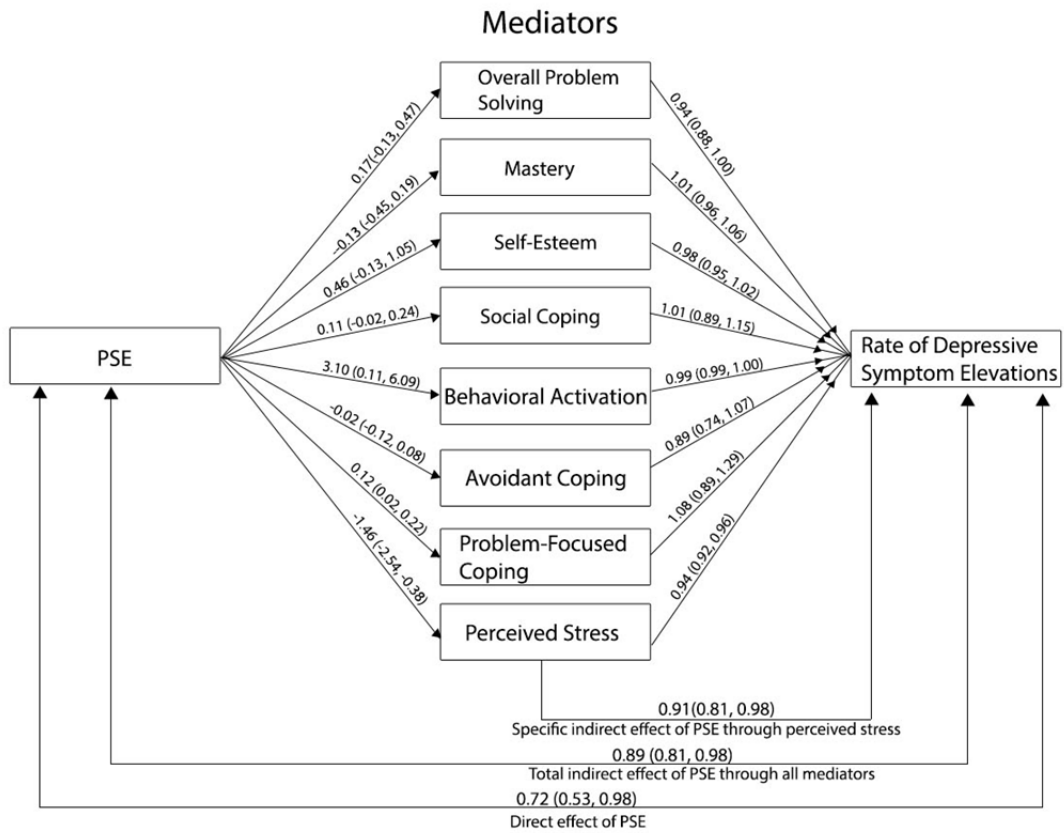
eTable: Single Mediatorial Pathways With Unstandardized Values (Analogous to Table 2 in the main paper)

	Relationship between PSE and Mediators		Relationship between Mediators and Outcomes	
	Path coefficient for change score associated with participation in PSE (95% CI)	Standardized path coefficient for change score associated with participation in PSE (95% CI)*	Rate ratio of depression elevations per 1 unit difference of change in mediator score (95% CI)	Rate ratio of depression elevations per standard deviation difference of change in mediator score (95% CI)*
Overall Problem Solving ability	0.17 (-0.13, 0.47)	0.08 (-0.07, 0.23)	0.89 (0.84, 0.95)	0.80 (0.71, 0.90)
Mastery	-0.13 (-0.45, 0.19)	-0.05 (-0.19, 0.09)	1.06 (1.01, 1.11)	1.14 (1.01, 1.29)
Self-Esteem	0.46 (-0.13, 1.05)	0.11 (-0.03, 0.25)	0.94 (0.91, 0.98)	0.79 (0.69, 0.91)
Social coping	0.10 (-0.03, 0.23)	0.12 (-0.03, 0.27)	1.02 (0.89, 1.17)	1.02 (0.90, 1.15)
Behavioral Activation	3.10 (0.11, 6.09)	0.15 (0.01, 0.30)	0.99 (0.98, 0.99)	0.74 (0.65, 0.83)
Avoidant coping‡	-0.02 (-0.12, 0.08)	-0.02 (-0.17, 0.13)	1.20 (1.01, 1.44)	1.14 (1.01, 1.30)
Problem-focused coping	0.12 (0.02, 0.22)	0.17 (0.03, 0.31)	1.05 (0.89, 1.24)	1.04 (0.92, 1.17)
Perceived Stress‡	-1.45 (-2.53, -0.37)	-0.11 (-0.19, -0.03)	0.93 (0.92, 0.95)	0.38 (0.30, 0.47)

*Coefficients represent percentage of a standard deviation in change of a mediator score.

‡Negative values for change indicate improvement.

eFigure 1. Full Multivariate Model With Unstandardized Values (Analogous to Figure 2 in the main paper)



eFigure 2 Parsimonious Multivariate Path Model With Unstandardized Values (Analogous to Figure 3 in the main paper)

