

**Supplemental Material S2.** Results of mediation analysis using bootstrapping to test whether PROMIS-57 social score serves as a mediator in linking WIN Thresholds to MoCA score. The model parameters are presented for the Initial Model (MoCA score ~ WIN Threshold), Mediation Model (MoCA score ~ WIN threshold + PROMIS-57 Social Score), and Bootstrap Analysis of Indirect Effect via PROMIS-57 social score.

Parameter	Estimate ( $\beta$ )	95% CI	<i>p</i>
<b>Initial Model:</b> MoCA score ~ WIN threshold			
Intercept	28.6	[0.72, 27.85]	.000
MoCA score ~ WIN threshold	-2.48	[-0.40, -0.22]	< .000***
<b>Mediation Model:</b> MoCA score ~ WIN threshold + PROMIS-57 social score			
Intercept	29.8	[26.53, 33]	.000
WIN threshold	-2.49	[-0.42, -0.22]	< .000***
PROMIS-57 social score	-0.015	[-0.10, 0.07]	.73
<b>Bootstrap Analysis</b>			
Indirect Effect of PROMIS-57 as a Mediator	-0.015	[-0.08, 0.07]	.72