African Americans' Relationship Quality and Depressive Symptoms: A longitudinal investigation of the Marital Discord Model - Supplemental Material

Supplemental Table 1. Bivariate Correlations and Descriptive Statistics of Study Variables (N=348)

Variable	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1. DS W1	—															
2. DS W2	0.64	—														
3. DS W3	0.54	0.66	—													
4. DS W4	0.52	0.59	0.61	—												
5. RS W1	-0.32	-0.23	-0.26	-0.18	—											
6. RS W2	-0.29	-0.31	-0.26	-0.27	0.49	—										
7. RS W3	-0.31	-0.31	-0.44	-0.37	0.51	0.60	—									
8. RS W4	-0.28	-0.25	-0.32	-0.42	0.33	0.45	0.65	—								
9. IA W1	0.34	0.28	0.20	0.23	-0.54	-0.37	-0.37	-0.19	—							
10. IA W2	0.33	0.40	0.30	0.25	-0.44	-0.54	-0.42	-0.29	0.56	—						
11. IA W3	0.32	0.28	0.34	0.34	-0.48	-0.48	-0.61	-0.47	0.49	0.54	—					
12. IA W4	0.32	0.35	0.37	0.45	-0.37	-0.48	-0.59	-0.67	0.46	0.54	0.71	—				
13. PS W1	-0.23	-0.19	-0.17	-0.09	0.72	0.50	0.41	0.25	-0.53	-0.43	-0.46	-0.36	—			
14. PS W2	-0.28	-0.26	-0.28	-0.23	0.44	0.75	0.53	0.40	-0.40	-0.57	-0.44	-0.44	0.55	—		
15. PS W3	-0.28	-0.27	-0.37	-0.35	0.43	0.52	0.81	0.58	-0.34	-0.43	-0.60	-0.59	0.47	0.60	—	
16. PS W4	-0.26	-0.23	-0.34	-0.41	0.30	0.42	0.63	0.80	-0.18	-0.31	-0.47	-0.65	0.32	0.46	0.69	—
M	11.28	12.51	11.92	11.64	25.14	24.05	23.72	23.88	19.03	19.74	19.69	19.53	21.23	20.12	19.46	19.36
SD	7.73	8.05	9.03	9.20	4.03	5.11	5.48	5.54	5.77	4.42	4.56	4.72	3.63	4.62	5.11	5.21

Notes. DS = Depressive symptoms. RS = Relationship Satisfaction. IA = Ineffective Arguing. PS = Partner Support. W1 = Wave 1. W2 = Wave 2. W3 = Wave 3. W4 = Wave 4. Correlations greater than 0.16 significant at $p < .05$. Individuals were nested within couples to account for interdependence.

Supplemental Table 2: Model Fit Statistics

Model	Model Fit Statistics					Model Comparisons		
	χ^2	Df	CFI	RMSEA	SRMR	TRd[a]	Δdf	p
RI-CLPM								
RS $\leftrightarrow$ DS	42.88	16	0.98	0.05	0.04	---		
IA $\leftrightarrow$ DS	31.63	16	0.99	0.04	0.03	---		
PS $\leftrightarrow$ DS	40.40	16	0.98	0.05	0.03	---		
<u>RI-CLPM constrained</u>								
RS $\leftrightarrow$ DS	67.27	24	0.97	0.05	0.06	10.10	8	0.26
IA $\leftrightarrow$ DS	73.44	21	0.97	0.06	0.06	8.26	6	0.22
PS $\leftrightarrow$ DS	62.10	24	0.98	0.05	0.05	5.19	8	0.73

Notes. RS = Relationship Satisfaction. IA = Ineffective Arguing. PS = Partner Support. DS = Depressive symptoms. W1 = Wave 1. W2 = Wave 2. W3 = Wave 3. W4 = Wave 4. [a] TRd = Test statistic distributed as chi-squared using scaling correction factor for MLR estimation. The RI-CLPM is the comparison model.
p < .05. **p* < .01.