Supplemental Material

Daily work stress and relationship satisfaction: Detachment affects romantic couples'
interactions quality

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Supplemental Material A: Results of the Mediation Model in Study 3

Table A1

Parameter Estimates for the Multilevel Structural Equation Double Mediation Model of Work Stress on Relationship Satisfaction Mediated by Detachment and Affectionate Behaviors (Hypothesis 1).

		Estimate	SE	t	p^a	95% CI Lower	95% CI Upper
Intercept (Relationship quality)		men: 5.666	0.034	165.358	< .001	5.577	5.754
		women: 5.777	0.037	156.724	< .001	5.682	5.872
Stress	→ Detachment	0.143	0.026	5.412	< .001	0.075	0.210
Detachment	→ Affection	0.015	0.019	.769	.442	-0.022	0.052
Affection	→ Relationship quality	0.194	0.016	12.058	< .001	0.152	0.235
Stress	→ Relationship quality	-0.034	0.011	-3.061	< .01	-0.062	-0.005
Previous day relationship quality	→ Relationship quality	0.118	0.034	3.426	< .001	0.029	0.206
Partner stress	→ Relationship quality	-0.002	0.015	-0.158	.853	-0.028	0.025
Partner affection	→ Relationship quality	0.077	0.015	5.086	< .001	0.038	0.116

Note: Number of observations: 1191; Number of couples: 106; Average cluster size: 11.24. All parameters that did not differ across gender and were set equal between men and women. [a] All *p*-values are two-tailed. [b] The intercept differed significantly between men and women (Satorra-Bentler Scaled $\chi^2_{(1)}$ = 6.06, *p* < .05) and was thus estimated differently for both genders. See text for more details.

Table A2

Parameter Estimates for the Multilevel Structural Equation Model of Work Stress on Relationship Satisfaction Mediated by Detachment (Posthoc Analysis).

		Estimate	SE	t	p^a	95% CI Lower	95% CI Upper
		women: 5.702	0.038	151.927	<.001	5.605	5.798
		men: 5.811	0.041	141.105	<.001	5.705	5.917
Stress at work	→ Detachment	-0.142	0.026	5.395	<.001	-0.193	-0.091
Stress at work	→ Relationship quality	-0.039	0.012	-3.352	<.01	-0.069	-0.009
Actor detachment	→ Relationship quality	0.036	0.012	3.068	<.01	0.012	0.060
Partner detachment	→ Relationship quality	0.027	0.010	2.649	<.01	0.007	0.047
Previous day relationship quality	→ Relationship quality	0.137	0.039	3.564	<.001	0.038	0.237

Note: Number of observations: 1191; Number of couples: 106; Average cluster size: 11.24. All parameter that did not differ across gender were set equal between men and women. [a] All *p*-values are two-tailed. [c] The intercept differed significantly between men and women (Satorra-Bentler Scaled $\chi^2_{(1)}$ = 6.06, *p* < .05) and was thus estimated differently for both genders. See text for more details.

Table A3

Parameter Estimates for the Multilevel Structural Equation Model of Study 2: Strain at Home after Work Predicted by Detachment, Mediated by Affectionate Couple Interactions (Hypothesis 2).

						95% CI	
		Estimate	*SE*	*t*	*p*[a]	*Lower*	*Upper*
Intercept (Strain)		2.118	0.047	45.064	<.001	2.025	2.210
Strain, lagged[b]	→ Detachment	-0.292	0.057	-5.084	<.001	-0.404	-0.180
Strain, lagged	→ Strain	0.205	0.031	6.657	<.001	0.144	0.266
Detachment	→ Strain	-0.121	0.034	-3.583	<.001	-0.188	-0.054
Partner´s detachment	→ Strain	-0.028	0.033	-0.838	.402	-0.093	0.037
Detachment	→ Affectionate interactions	0.049	0.014	3.431	<.001	0.022	0.076
Affectionate interactions	→ Strain	-0.254	0.078	-3.272	<.001	-0.407	-0.101
Partner´s affectionate interactions	→ Strain	-0.017	0.096	-0.178	0.859	-0.205	0.171
Detachment → Affectionate interactions	→ Strain	-0.012	0.006	-2.238	<.05	-0.002	-0.023

Note. Number of observations: 365; Number of couples: 53; Average cluster size: 6.88. All parameters did not differ across gender (Satorra-Bentler Scaled χ^2 difference test) and were thus set equal between men and women. [a] All *p*-values are two-tailed. [b] Value from previous measurement occasion, taken as control variable. See text for more details.