

Supplementary Table S1: *Baseline differences in demographic characteristics between coparents in the current study and non-coparents in the full sample*

Variable	Non-coparent sample (N = 356)	Coparent sample (N = 272)	Difference
Age	34.54 (7.85)	33.35 (6.36)	$t(623.85) = 2.10, p = .04$
Race			$\chi^2(4) = 1.51, p = .83$
Non-Hispanic White	62.4%	65.4%	
Hispanic White	6.7%	4.8%	
Black	17.4%	15.8%	
Multiracial	4.5%	4.8%	
Other	9.0%	9.2%	
Ethnicity			$\chi^2(1) = 1.99, p = .16$
Hispanic/Latino(a)	13.2%	9.6%	
Relationship status			$\chi^2(2) = 55.09, p < .001$
Married	49.7%	78.3%	
Engaged	23.6%	12.5%	
Cohabit	26.7%	9.2%	
Relationship length	5.79 (5.95)	9.19 (5.49)	$t(604.30) = -7.42, p < .001$
Baseline relationship satisfaction	9.46 (4.54)	8.47 (4.61)	$t(626) = 2.67, p = .008$
Number of children			$\chi^2(3) = 192.04, p < .001$
One child < 21	20.2%	26.1%	
More than one child < 21	30.6%	73.9%	
No children	41%	0%	
All children > 21	7.3%	0%	
Household income			$\chi^2(6) = 20.05, p = .003$
less than \$5,000	19.9%	23.5%	
\$5,000 – 11,999	15.4%	12.9%	
\$12,000 – 15,999	9.8%	7.0%	
\$16,000 – 24,999	19.1%	10.7%	
\$25,000 – 34,999	18.8%	19.5%	
\$35,000 – 49,999	9.3%	18.0%	
\$50,000 and more	3.7%	5.1%	
Educational attainment			$\chi^2(7) = 4.46, p = .73$
No degree	5.3%	5.9%	
GED	13.2%	12.1%	
High school diploma	13.2%	17.3%	
Vocational training	8.1%	10.3%	
Some college	22.2%	19.1%	
Associate's degree	7.6%	9.6%	
Bachelor's degree	12.9%	11.4%	
Master's or advanced degree	2.5%	3.3%	
Employment			$\chi^2(4) = 5.99, p = .20$
Full time	39.6%	42.6%	
Part time	13.5%	7.7%	
Variable	4.8%	6.6%	
Seasonal	5.9%	6.3%	
Unemployed	36.2%	36.8%	

Supplementary Table S2: *Baseline differences in demographic characteristics of coparents with and without information on COVID-19-related disruptions*

Variable	Subsample with information on COVID disruptions (N = 176)	Subsample without information on COVID disruptions (N = 96)	Difference
Age	32.84 (6.56)	34.30 (5.89)	t (270) = 1.83, p = .07
Race			$\chi^2(4) = 4.43, p = .35$
Non-Hispanic White	62.3%	71.9%	
Hispanic White	5.7%	3.1%	
Black	16%	15.6%	
Multiracial	6.3%	2.1%	
Other	9.7%	7.3%	
Ethnicity			$\chi^2(1) = 4.99, p = .03$
Hispanic/Latino(a)	4.2%	12.5%	
Relationship status			$\chi^2(2) = 3.67, p = .16$
Married	79.5%	76%	
Engaged	13.6%	10.4%	
Cohabit	6.8%	13.5%	
Relationship length	9.51 (5.90)	8.61 (4.62)	t (237.26) = -1.38, p = .17
Baseline relationship satisfaction	9.28 (4.89)	7.00 (3.64)	t (245.17) = -4.36, p < .001
Age of child	3.68 (3.35) range 0-15	3.57 (2.99) range 0-15	t (134) = -.19 p = .85
Gender of child			$\chi^2(1) = 2.06, p = .15$
Male	45.5%	58.3%	
Female	54.5%	41.7%	
Household income			$\chi^2(6) = 12.95, p = .04$
less than \$5,000	24.7%	23.7%	
\$5,000 – 11,999	13.5%	12.9%	
\$12,000 – 15,999	8.8%	4.3%	
\$16,000 – 24,999	7.1%	18.3%	
\$25,000 – 34,999	22.4%	11.8%	
\$35,000 – 49,999	18.8%	22.6%	
\$50,000 and more	4.7%	6.5%	
Educational attainment			$\chi^2(7) = 6.54, p = .48$
No degree	8.4%	3.4%	
GED	11%	18.2%	
High school diploma	18.2%	21.6%	
Vocational training	11%	12.5%	
Some college	20.8%	22.7%	
Associate's degree	12.3%	8%	
Bachelor's degree	14.3%	10.2%	
Master's or advanced degree	3.9%	3.4%	
Employment			$\chi^2(4) = 2.48, p = .65$
Full time	39.8%	47.9%	
Part time	8.5%	6.3%	
Variable	6.8%	6.3%	
Seasonal	5.7%	7.3%	
Unemployed	39.2%	32.3%	

Supplementary Table S3: Means, standard deviations, and correlations for and among outcome variables

	1	2	3	4	5	6	7	8	9	10	11	12
1. Relationship satisfaction (Pre)	–											
2. Relationship satisfaction (Post)	.60***	–										
3. Coparenting satisfaction (Pre)	.47***	.35***	–									
4. Coparenting satisfaction (Post)	.31***	.51***	.64***	–								
5. Own gateopening behaviors (Pre)	.22***	.20**	.33***	.22**	–							
6. Own gateopening behaviors (Post)	.18***	.40***	.25***	.35***	.58***	–						
7. Ptnr's gateopening behaviors (Pre)	.39***	.26***	.44***	.23**	.56***	.33***	–					
8. Ptnr's gateopening behaviors (Post)	.25***	.41***	.34***	.43***	.34***	.60***	.54***	–				
9. Own gateclosing behaviors (Pre)	-.36***	-.18**	-.47***	-.23**	-.001	-.01	-.13*	-.09	–			
10. Own gateclosing behaviors (Post)	-.30***	-.41***	-.46***	-.35***	-.13*	-.25***	-.11	-.30***	.61**	–		
11. Ptnr's gateclosing behaviors (Pre)	-.28***	-.26***	-.36***	-.30***	.02	-.02	-.16**	-.07	.29**	.27**	–	
12. Ptnr's gateclosing behaviors (Post)	-.26***	-.41***	-.30***	-.37***	-.11	-.16*	-.20**	-.32***	.23**	.45***	.55***	–
<i>M</i>	8.47	12.65	8.95	9.87	10.10	11.29	7.81	9.40	8.43	7.28	9.02	7.81
<i>SD</i>	4.61	5.12	2.29	2.06	4.43	4.13	4.33	4.72	3.91	3.41	4.15	3.75

Note. Ptnr = partner; *M* = mean; *SD* = standard deviation.

*** $p < .001$; ** $p < .01$; * $p < .05$.

Supplementary Table S4: Results for models examining pre-post changes in relationship satisfaction and coparenting

	Relationship Satisfaction		Coparenting Satisfaction		Own Gateopening Behaviors	
	B	95% CI	B	95% CI	B	95% CI
<i>Fixed effects</i>						
Intercept	8.47	[7.79, 9.15]	8.95	[8.63, 9.26]	10.10	[9.50, 10.71]
Time	3.95	[3.32, 4.59]	0.86	[0.57, 1.15]	1.10	[0.48, 1.72]
<i>Random effects</i>						
Sd (Intercept)	3.29	[2.72, 3.90]	1.47	[1.22, 1.74]	2.56	[2.05, 3.14]
Sd (Time)	0.99	[0.09, 2.05]	0.18	[0.01, 0.51]	0.47	[0.02, 1.28]
Cor (Intercept, Time)	0.42	[-0.35, 0.97]	-0.13	[-0.95, 0.91]	-0.29	[-0.97, 0.86]
	Partner's Gateopening Behaviors		Own Gateclosing Behaviors		Partner's Gateclosing Behaviors	
	B	95% CI	B	95% CI	B	95% CI
<i>Fixed effects</i>						
Intercept	7.81	[7.19, 8.42]	8.43	[7.94, 8.92]	9.02	[8.48, 9.55]
Time	1.59	[0.94, 2.24]	-1.15	[-1.71, -0.58]	-1.15	[-1.75, -0.55]
<i>Random effects</i>						
Sd (Intercept)	2.58	[2.04, 3.15]	1.75	[1.29, 2.23]	2.07	[1.59, 2.58]
Sd (Time)	0.53	[0.02, 1.50]	0.30	[0.01, 0.85]	0.38	[0.02, 1.08]
Cor (Intercept, Time)	0.06	[-0.90, 0.94]	-0.16	[-0.97, 0.92]	-0.11	[-0.95, 0.92]

Note. CI = credible interval; Sd = standard deviation; Cor = correlation; Time was coded so 0 = baseline and 1 = post; Coefficients were considered reliable if the 95% CI did not include 0.

Supplementary Table S5: *Unstandardized coefficients and 95% credible intervals for models examining the moderating effect of change in relationship satisfaction, child gender, division of childcare, and disruptions caused by the COVID-19 pandemic on changes in coparenting from pre- to post-intervention*

	Moderator							
	Change in Relationship Satisfaction		Child Gender		Division of Childcare Labor		COVID-19 Related Disruption	
	B	95% CI	B	95% CI	B	95% CI	B	95% CI
Coparenting Satisfaction								
Intercept	8.95	[8.63, 9.27]	8.64	[8.20, 9.08]	8.57	[8.25, 8.89]	9.43	[8.91, 9.96]
Time	0.86	[0.57, 1.14]	0.88	[0.47, 1.29]	0.98	[0.66, 1.29]	0.72	[0.17, 1.25]
Moderator	-0.10	[-0.16, -0.04]	0.62	[-.00, 1.23]	-0.72	[-0.94, -0.50]	-0.08	[-0.17, 0.02]
Time*Moderator	0.15	[0.08, 0.21]	-0.04	[-0.62, .53]	0.23	[-0.07, 0.52]	0.01	[-0.10, 0.12]
Own Gateopening Behaviors								
Intercept	10.11	[9.51, 10.71]	9.85	[9.00, 10.70]	10.34	[9.69, 11.00]	10.28	[9.24, 11.32]
Time	1.10	[0.48, 1.71]	1.10	[0.20, 2.01]	1.22	[0.51, 1.93]	1.39	[0.17, 2.61]
Moderator	-0.01	[-0.13, 0.11]	0.50	[-0.69, 1.69]	0.45	[-0.04, 0.93]	0.02	[-0.18, 0.23]
Time*Moderator	0.23	[0.09, 0.37]	-0.00	[-1.30, 1.28]	0.23	[-0.43, 0.88]	-0.12	[-0.38, 0.13]
Partner's Gateopening Behaviors								
Intercept	7.80	[7.19, 8.42]	7.24	[6.37, 8.11]	7.56	[6.89, 8.23]	9.00	[7.92, 10.08]
Time	1.59	[0.95, 2.23]	1.81	[0.88, 2.75]	1.63	[0.89, 2.38]	1.85	[0.58, 3.13]
Moderator	-0.16	[-0.28, -0.04]	1.12	[-0.09, 2.35]	-0.47	[-0.98, 0.04]	-0.21	[-0.42, 0.00]
Time*Moderator	0.27	[0.13, 0.42]	-0.44	[-1.78, 0.91]	0.08	[-0.61, 0.77]	-0.11	[-0.37, 0.15]
Own Gateclosing Behaviors								
Intercept	8.43	[7.93, 8.92]	8.68	[7.99, 9.37]	9.20	[8.68, 9.72]	7.75	[6.92, 8.57]
Time	-1.15	[-1.70, -0.58]	-1.05	[-1.86, -0.24]	-1.30	[-1.92, -0.69]	-1.11	[-2.12, -0.08]
Moderator	0.22	[0.11, 0.33]	-0.50	[-1.46, 0.47]	1.46	[1.04, 1.88]	-0.16	[-0.01, 0.33]
Time*Moderator	-0.24	[-0.36, -0.11]	-0.18	[-1.35, 0.97]	-0.30	[-0.86, 0.26]	-0.02	[-0.23, 0.19]
Partner's Gateclosing Behaviors								
Intercept	9.02	[8.49, 9.55]	9.60	[8.85, 10.35]	9.08	[8.49, 9.66]	9.29	[8.36, 10.22]
Time	-1.15	[-1.75, -0.55]	-1.58	[-2.42, -0.73]	-1.12	[-1.81, -0.42]	-1.86	[-2.94, -0.79]
Moderator	0.05	[-0.06, 0.16]	-1.15	[-2.21, -0.10]	0.12	[-0.35, 0.59]	-0.14	[-0.32, 0.05]
Time*Moderator	-0.17	[-0.31, -0.03]	0.86	[-0.36, 2.07]	0.07	[-0.59, 0.72]	0.22	[0.00, 0.44]

Note. CI = credible interval; Time was coded so 0 = baseline and 1 = post; Random effects in intercept and effect of time were modelled but not reported in the table (stats available on the Open Science Framework); Coefficients were considered reliable and meaningful if the 95% CI did not include 0; Time*Moderator effects were the main effects of interest. If the corresponding 95% CI did not include 0, it indicated that the extent to which pre-post improvements in coparenting differed reliably as a function of the level of the corresponding moderator.