

Supplementary materials

The Added Value of Targeting Specific Risk Factors for Child Maltreatment in an Evidence-Based Home Visitation Program: A Repeated Single-Case Time Series Study

International Journal on Child Maltreatment: Research, Policy and Practice

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Appendix A

Description of the additional intervention components applied during the treatment phase

Perceived stress

The component targeting perceived stress consisted of a 10-minute guided imagery relaxation exercise audio clip. The nurse discussed stress and relaxation and then introduced the relaxation exercise to the mother. Next, the nurse motivated the mother to use the exercise, tried to overcome any resistance the mother may have, and helped mother plan and integrate the exercise into her daily life. After introducing the exercise in the first treatment phase home visit, the nurse evaluated and encouraged the use of the exercise in the next five home visits.

Parental Anger

The component targeting parental anger was integrated in the second home visit in the treatment phase. This component consisted of first discussing, and normalising (talking about) anger, and discussing mechanisms of appropriately coping with anger. Then, the nurse provided and discussed a visual overview of ways to calm down, and the overview was evaluated in the next four home visits. Starting the third treatment home visit, the nurse discussed triggers for anger and negative attributions that evoke anger including (behavioral) alternatives using a set of cards. Then, for the fourth to sixth treatment phase home visits, the triggers and attributions were discussed using personalized anger evoking situations.

PTSD symptoms

Finally, the nurse used two items of the Post Traumatic Stress Disorder Checklist – Civilian¹ to determine the severity of PTSD symptoms in the fourth treatment phase home

¹ Abbreviated PCL-C; Lang, A. J., & Stein, M. B. (2005). An abbreviated PTSD checklist for use as a screening instrument in primary care. *Behaviour Research and Therapy*, 43(5), 585-594. <https://doi.org/10.1016/j.brat.2004.04.005>

visit. The nurse discussed the possibility to seek therapy for these symptoms if mother scored above the symptomatic threshold and could offer direct referral to (online) Eye Movement Desensitization and Reprocessing therapy (EMDR)². In the next two home visits, the nurse evaluated and encouraged seeking treatment.

² See e.g., Shapiro, F. (1989). Eye movement desensitization: A new treatment for post-traumatic stress disorder. *Journal of Behavior Therapy and Experimental Psychiatry*, 20(3), 211-217. [https://doi.org/10.1016/0005-7916\(89\)90025-6](https://doi.org/10.1016/0005-7916(89)90025-6); Shapiro, F. (1989). Efficacy of the eye movement desensitization procedure in the treatment of traumatic memories. *Journal of Traumatic Stress*, 2(2), 199-223. <https://doi.org/10.1002/jts.2490020207>

Appendix B

Participant Characteristics

M	Age	Living Sit.	Shared Care	Prof. Support	Life events	Baby age	ST		AN		TR		RCM		SC	
							Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post
M01	21	Father ⁺	Father ⁺	N	5	3	26	33	0	.64	15	17	4.50	4.50	16	23
M02	23	Father ⁺	Father ⁺	N	5	3	27	26	.09	.09	14	9	5.00	3.00	13	11
M03	19	Father ⁺	Father ⁺	Y	2	5	24	20	0	0	12	10	1.50	1.00	10	9
M04	17	Mother [^]	Mother [^]	Y	3	6	22	14	0	0	6	7	2.00	2.00	13	9
M05	28	Alone	No	N	1	6	24	29	.09	0	16	16	7.50	11.00	10	13
M06	20	Alone	Father ⁺	Y	5	5	29	25	.09	.18	13	11	5.50	8.00	9	9
M07	23	Father ⁺	Father ⁺	N	3	7	25	22	0	0	10	13	4.50	7.50	9	17
M08	30	Alone	Father ⁺	Y	3	7	30	33	0	.45	14	15	3.00	5.50	10	22
M09	26	Father ⁺	Father ⁺	Y	2	8	32	34	.18	0	16	22	5.50	7.00	13	15
Mean	23				3.22	5.56	26.63	26.22	.05	.15	12.89	13.33	4.33	5.50	11.44	14.22
SD	4.30				1.48	1.74	3.05	6.06	.06	.21	2.88	4.17	1.69	2.87	2.15	4.89

Note. M = Mother. Living Sit. = Living Situation. Baby age = Baby age in months. ST = (Perceived) Stress. AN = (Parental) Anger. T = Trauma, PTSD Symptoms. RCM = Risk of Child Maltreatment. SC = (Parental) Sense of Competence. ⁺ = The biological father of the child. [^] = The mothers' mother. Y = Yes. N = No. M = Male. F = Female.

Appendix C

Outcomes for Group-Based Statistical Analyses for Perceived Stress, Parental Anger, and PTSD Symptoms

	B vs T				B vs TF				T vs F			
Perceived Stress												
	Baseline Intercept	Residual	Phi		Baseline Intercept	Residual	Phi	Baseline Slope	Baseline Intercept	Residual	Phi	
Random effects	.22	.69	.41		.40	.62	.31	.02	.33	.62	.36	
Fixed effects	β (SE)	DF	t	p	β (SE)	DF	t	p	β (SE)	DF	t	p
Baseline Intercept	1.13 (.20)	172	5.75	.000***	1.15 (.20)	298	5.65	.000***	.77 (.41)	199	1.90	.059
Baseline Slope	.01 (.02)	172	.32	.750	.00 (.02)	298	.23	.817	.01 (.02)	199	.67	.505
Level Change	-.30 (.21)	172	-1.40	.165	-.17 (.17)	298	-.98	.328	-.01 (.19)	199	-.06	.950
Slope Change	.01 (.04)	172	.26	.798	-.01 (.02)	298	-.64	.522	-.04 (.03)	199	-1.56	.120
Parental Anger												
	Baseline Intercept	Residual	Phi		Baseline Intercept	Residual	Phi		Baseline Intercept	Residual	Phi	
Random effects	.36	.32	.28		.32	.30	.36		.35	.27	.37	
Fixed effects	β (SE)	DF	t	p	β (SE)	DF	t	p	β (SE)	DF	t	p
Baseline Intercept	.36 (.14)	172	2.53	.012*	.35 (.13)	298	2.66	.008**	.55 (.23)	199	2.45	.015*
Baseline Slope	.01 (.01)	172	1.02	.310	.01 (.01)	298	1.14	.257	-.01 (.01)	199	-.84	.401
Level Change	-.02 (.10)	172	-.20	.840	-.04 (.09)	298	-.46	.642	.01 (.09)	199	.09	.926
Slope Change	-.03 (.02)	172	-1.74	.084	-.02 (.01)	298	-2.02	.044*	-.00 (.01)	199	-.09	.929
PTSD symptoms												
	Baseline Intercept	Residual	Phi		Baseline Intercept	Residual	Phi		Baseline Intercept	Residual	Phi	Baseline Slope
Random effects	.54	.71	.28		.46	.66	.26		1.04	.58	.11	.04
Fixed effects	β (SE)	DF	t	p	β (SE)	DF	t	p	β (SE)	DF	t	p
Baseline Intercept	1.89 (.25)	172	7.55	.000***	1.89 (.22)	298	8.65	.000***	1.75 (.49)	199	3.55	.001***
Baseline Slope	-.02 (.02)	172	-.67	.504	-.02 (.02)	298	-.76	.449	-.00 (.02)	199	-.09	.928
Level Change	.11 (.22)	172	.78	.632	.09 (.18)	298	.49	.627	-.17 (.16)	199	-1.05	.294
Slope Change	-.00 (.04)	172	-.09	.929	.00 (.02)	298	.06	.956	.00 (.02)	199	.001	.994

Note. B = Baseline. T = Treatment. F = Follow-up. * $p < .05$. ** $p < .01$. *** $p < .001$.

Appendix D

Outcomes for case-based statistical and visual analyses for perceived stress, parental anger, and PTSD symptoms

Table D-01. Case-Based Statistical and Visual Analyses for Perceived Stress, Parental Anger, and PTSD Symptoms for Mother M01

M01	Statistical Analyses									Scoring Visual Analyses																					
	B vs T			B vs TF			T vs F			B vs T					T vs F																
Perceived Stress																															
	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	1	2	3	4	5	6	7	8	9	10	S											
Baseline Intercept	1.62 (.28)	5.85	.000***	1.62 (.29)	5.62	.000***	-.96 (1.17)	-.82	.422	N	-y	Y	Y	N	-y	Y	-n	N	-y	N											
Baseline Slope	.00 (.03)	.15	.885	.01 (.03)	.17	.867	.42 (.05)	2.11	.050*																						
Level Change	-.73 (.39)	-1.86	.077	-.47 (.36)	-1.31	.200	-.39 (.44)	-.88	.393																						
Slope Change	.08 (.06)	1.48	.154	.03 (.04)	.74	.438	-.14 (.09)	-1.51	.149																						
Parental Anger																															
	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	1	2	3	4	5	6	7	8	9	10	S											
Baseline Intercept	.11 (.04)	2.74	.012*	.11 (.04)	2.82	.008**	-.01 (.10)	-.10	.920	Y	Y	-n	N	N	Y	-n	-n	N	Y	-n											
Baseline Slope	-.01 (.00)	-2.24	.035*	-.01 (.00)	-2.31	.028*	.00 (.00)	.12	.905																						
Level Change	.05 (.06)	.83	.418	.05 (.05)	1.00	.326	.03 (.04)	.759	.458																						
Slope Change	.01 (.01)	1.26	.222	.01 (.01)	2.20	.035*	-.00 (.01)	-.60	.556																						
PTSD Symptoms																															
	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	1	2	3	4	5	6	7	8	9	10	S											
Baseline Intercept	2.17 (.29)	7.45	.000***	2.17 (.30)	7.19	.000***	-.34 (1.05)	-.33	.749	Y	Y	Y	Y	N	-y	Y	N	N	Y	-y											
Baseline Slope	.05 (.03)	1.63	.118	.05 (.03)	1.57	.126	.11 (.05)	2.28	.036*																						
Level Change	-1.53 (.42)	-3.64	.001**	-1.30 (.38)	-3.40	.002**	-.35 (.45)	-.80	.437																						
Slope Change	.06 (.06)	.95	.354	.00 (.04)	.08	.940	-.07 (.08)	-.98	.343																						

Note. B = Baseline. T = Treatment. F = Follow-up. 1 = B stability. 2 = T stability. 3 = Contrast B-T. 4 = Immediacy B-T. 5 = Overlap B-T <30%. 6 = F stability. 7 = Contrast T-F. 8 = Immediacy T-F. 9 = Overlap T-F <30%. 10 = Consistency B-F. S = Effect according to total score. N/Y = All three coders agreed on No/Yes. -n/-y = Two coders scored No/Yes. * $p < .05$. ** $p < .01$. *** $p < .001$.

Table D-02. Case-Based Statistical and Visual Analyses for Perceived Stress, Parental Anger, and PTSD Symptoms for Mother M02

M02	Statistical Analyses									Scoring Visual Analyses																					
	B vs T			B vs TF			T vs F			B vs T					T vs F																
Perceived Stress																															
	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	1	2	3	4	5	6	7	8	9	10	S											
Baseline Intercept	1.87 (.44)	4.24	.001**	1.85 (.32)	5.86	.000***	2.19 (.76)	2.88	.009**	-n	-y	Y	-y	N	Y	-n	N	N	-y	N											
Baseline Slope	-.09 (.07)	-1.28	.222	-.09 (.05)	-1.75	.091	-.05 (.05)	-.97	.344																						
Level Change	.77 (.52)	1.50	.156	.80 (.34)	2.35	.026*	.09 (.35)	.27	.787																						
Slope Change	.04 (.10)	.38	.707	.04 (.05)	.85	.404	-.00 (.06)	-.07	.947																						
Parental Anger																															
	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	1	2	3	4	5	6	7	8	9	10	S											
Baseline Intercept	.70 (.29)	2.43	.029*	.68 (.17)	3.96	.000***	.69 (.33)	2.05	.052	Y	Y	Y	Y	N	Y	Y	Y	N	-y	Y											
Baseline Slope	-.01 (.04)	-.12	.906	-.01 (.03)	-.20	.839	-.01 (.02)	-.66	.515																						
Level Change	-.21 (.28)	-.73	.476	-.15 (.18)	-.85	.402	-.14 (.15)	-.94	.357																						
Slope Change	.00 (.07)	.05	.965	-.01 (.03)	-.20	.842	.01 (.02)	.56	.581																						
PTSD Symptoms																															
	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	1	2	3	4	5	6	7	8	9	10	S											
Baseline Intercept	2.43 (.45)	5.43	.000***	2.41 (.35)	6.87	.000***	3.44 (.88)	3.89	.001***	-n	Y	Y	Y	N	Y	-y	Y	N	Y	-n											
Baseline Slope	-.07 (.07)	-1.06	.305	-.07 (.06)	-1.27	.212	-.07 (.06)	-1.28	.213																						
Level Change	1.05 (.51)	2.05	.060	.94 (.38)	2.48	.019*	-.12 (.42)	-.29	.774																						
Slope Change	-.01 (.10)	-.05	.960	.01 (.06)	.15	.884	.03 (.06)	.40	.694																						

Note. B = Baseline. T = Treatment. F = Follow-up. 1 = B stability. 2 = T stability. 3 = Contrast B-T. 4 = Immediacy B-T. 5 = Overlap B-T <30%. 6 = F stability. 7 = Contrast T-F. 8 = Immediacy T-F. 9 = Overlap T-F <30%. 10 = Consistency B-F. S = Effect according to total score. N/Y = All three coders agreed on No/Yes. -n/-y = Two coders scored No/Yes. * $p < .05$. ** $p < .01$. *** $p < .001$.

Table D-03. Case-Based Statistical and Visual Analyses for Perceived Stress, Parental Anger, and PTSD Symptoms for Mother M03

M03	Statistical Analyses									Scoring Visual Analyses											
	B vs T			B vs TF			T vs F			B vs T					T vs F						
Perceived Stress																					
	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	1	2	3	4	5	6	7	8	9	10	S	
Baseline Intercept	.25 (.45)	.56	.586	.22 (.39)	.57	.573	1.23 (1.35)	.91	.370	-y	-n	Y	-n	N	Y	Y	-n	N	N	-n	
Baseline Slope	.09 (.07)	1.26	.237	.10 (.06)	1.71	.097	-.02 (.10)	-.22	.828												
Level Change	-.20 (.57)	-.36	.728	-.09 (.40)	-.23	.817	.72 (.41)	1.74	.096												
Slope Change	-.11 (.16)	-.72	.490	-.11 (.06)	-1.85	.074	-.03 (.10)	-.29	.773												
Parental Anger – No variance											1	2	3	4	5	6	7	8	9	10	S
											Y	Y	N	N	N	Y	N	N	N	Y	N
PTSD Symptoms																					
	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	1	2	3	4	5	6	7	8	9	10	S	
Baseline Intercept				1.01 (.32)	3.19	.003**	.86 (1.52)	.57	.577	Y	Y	N	N	N	-n	Y	Y	N	N	N	
Baseline Slope				-.00 (.05)	-.04	.967	.01 (.11)	.11	.913												
Level Change				-.03 (.32)	-.11	.914	.07 (.44)	.15	.880												
Slope Change				.03 (.05)	.66	.517	.02 (.12)	.16	.872												

Note. B = Baseline. T = Treatment. F = Follow-up. 1 = B stability. 2 = T stability. 3 = Contrast B-T. 4 = Immediacy B-T. 5 = Overlap B-T <30%. 6 = F stability. 7 = Contrast T-F. 8 = Immediacy T-F. 9 = Overlap T-F <30%. 10 = Consistency B-F. S = Effect according to total score. N/Y = All three coders agreed on No/Yes. -n/-y = Two coders scored No/Yes. * $p < .05$. ** $p < .01$. *** $p < .001$.

Table D-04. Case-Based Statistical and Visual Analyses for Perceived Stress, Parental Anger, and PTSD Symptoms for Mother M04

M04	Statistical Analyses									Scoring Visual Analyses										
	B vs T			B vs TF			T vs F			B vs T					T vs F					
Perceived Stress																				
	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	1	2	3	4	5	6	7	8	9	10	S
Baseline Intercept	2.01 (49.29)	.04	.968	2.01 (79.70)	.03	.980	4.89 (.99)	4.93	.000***	Y	Y	Y	Y	N	Y	Y	N	N	Y	Y
Baseline Slope	-.00 (.10)	-.00	.993	-.00 (.11)	-.01	.993	-.26 (.06)	-4.40	.000***											
Level Change	.05 (.34)	.15	.884	.05 (.37)	.14	.893	.75 (.34)	2.18	.042*											
Slope Change	-.29 (.16)	-1.80	.093	-.09 (.13)	-.67	.507	.25 (.07)	3.90	.001***											
Parental Anger																				
	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	1	2	3	4	5	6	7	8	9	10	S
Baseline Intercept	.04 (34.46)	.00	1.000	.26 (.11)	2.46	.020*	-.29 (.14)	-2.12	.047*	-n	Y	Y	Y	N	Y	-y	N	N	Y	N
Baseline Slope	.02 (.05)	.42	.681	.01 (.01)	.65	.521	.03 (.01)	3.68	.002**											
Level Change	-.10 (.17)	-.61	.555	-.16 (.10)	-1.52	.138	-.11 (.05)	-2.27	.035*											
Slope Change	-.01 (.08)	-.07	.942	-.01 (.02)	-.40	.695	-.03 (.01)	-3.31	.004*											
PTSD Symptoms																				
	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	1	2	3	4	5	6	7	8	9	10	S
Baseline Intercept	1.04 (3.74)	.28	.786	1.10 (.02)	45.83	.000***	1.07 (.05)	22.87	.000***	Y	Y	N	N	N	Y	N	N	N	Y	N
Baseline Slope	.00 (.01)	.30	.769	-.00 (.00)	-.18	.858	.00 (.00)	.08	.934											
Level Change	-.00 (.04)	-.09	.933	-.02 (.03)	-.60	.553	-.00 (.02)	-.13	.901											
Slope Change	-.00 (.02)	-.19	.855	.00 (.00)	.24	.814	.00 (.00)	.08	.939											

Note. B = Baseline. T = Treatment. F = Follow-up. 1 = B stability. 2 = T stability. 3 = Contrast B-T. 4 = Immediacy B-T. 5 = Overlap B-T <30%. 6 = F stability. 7 = Contrast T-F. 8 = Immediacy T-F. 9 = Overlap T-F <30%. 10 = Consistency B-F. S = Effect according to total score. N/Y = All three coders agreed on No/Yes. -n/-y = Two coders scored No/Yes. * $p < .05$. ** $p < .01$. *** $p < .001$.

Table D-05. Case-Based Statistical and Visual Analyses for Perceived Stress, Parental Anger, and PTSD Symptoms for Mother M05

M05	Statistical Analyses									Scoring Visual Analyses										
	B vs T			B vs TF			T vs F			B vs T					T vs F					
Perceived Stress																				
	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	1	2	3	4	5	6	7	8	9	10	S
Baseline Intercept	1.13 (.27)	4.14	.001**	1.13 (.27)	4.26	.000***	.69 (.63)	1.09	.290	-y	Y	Y	-y	N	-y	Y	-n	N	-n	-y
Baseline Slope	-.02 (.04)	-.58	.569	-.02 (.03)	-.60	.556	.03 (.03)	.87	.394											
Level Change	.22 (.31)	.70	.492	.20 (.28)	.74	.467	-.16 (.30)	-.54	.598											
Slope Change	.04 (.05)	.91	.373	.04 (.04)	1.18	.248	.00 (.06)	.09	.933											
Parental Anger																				
	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	1	2	3	4	5	6	7	8	9	10	S
Baseline Intercept	1.05 (.30)	3.48	.002**	1.04 (.31)	3.34	.002**	1.75 (.33)	5.33	.000***	Y	-y	Y	N	N	Y	Y	-y	N	-n	-y
Baseline Slope	.00 (.04)	.00	.999	-.00 (.04)	-.10	.920	-.05 (.02)	-3.11	.006**											
Level Change	.03 (.29)	.11	.913	-.07 (.27)	-.26	.797	-.04 (.18)	-.24	.811											
Slope Change	-.06 (.05)	-1.05	.308	-.02 (.04)	-.45	.653	.08 (.03)	2.85	.010**											
PTSD Symptoms																				
	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	1	2	3	4	5	6	7	8	9	10	S
Baseline Intercept	2.23 (.79)	2.81	.011*	2.24 (.66)	3.37	.002**	2.54 (1.71)	1.48	.154	-y	-y	-y	-y	N	-n	Y	N	N	N	N
Baseline Slope	-.07 (.10)	-.72	.482	-.08 (.08)	-.95	.351	-.05 (.09)	-.55	.591											
Level Change	.64 (.65)	.99	.335	.61 (.55)	1.11	.278	-.01 (.61)	-.01	.990											
Slope Change	.02 (.14)	.12	.910	.05 (.09)	.51	.626	.05 (.16)	.33	.748											

Note. B = Baseline. T = Treatment. F = Follow-up. 1 = B stability. 2 = T stability. 3 = Contrast B-T. 4 = Immediacy B-T. 5 = Overlap B-T <30%. 6 = F stability. 7 = Contrast T-F. 8 = Immediacy T-F. 9 = Overlap T-F <30%. 10 = Consistency B-F. S = Effect according to total score. N/Y = All three coders agreed on No/Yes. -n/-y = Two coders scored No/Yes. * $p < .05$. ** $p < .01$. *** $p < .001$.

Table D-06. Case-Based Statistical and Visual Analyses for Perceived Stress, Parental Anger, and PTSD Symptoms for Mother M06

M06	Statistical Analyses									Scoring Visual Analyses													
	B vs T			B vs TF			T vs F			B vs T					T vs F								
Perceived Stress													1	2	3	4	5	6	7	8	9	10	S
	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	N	-n	-y	-y	N	N	-y	N	N	-y	N			
Baseline Intercept	.32 (2.41)	.13	.896	.52 (1.31)	.40	.696	5.53 (3.11)	1.78	.094	N	-n	-y	-y	N	N	-y	N	N	-y	N			
Baseline Slope	.19 (.32)	.57	.579	.09 (.20)	.47	.640	-.32 (.21)	-1.49	.155														
Level Change	-.17 (1.24)	-.13	.896	-.07 (1.00)	-.07	.944	2.11 (1.69)	1.25	.228														
Slope Change	-.43 (.52)	-.82	.430	-.12 (.22)	-.55	.587	.31 (.26)	1.19	.249														
Parental Anger													1	2	3	4	5	6	7	8	9	10	S
	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	N	N	N	N	N	-n	N	-n	N	-y	N			
Baseline Intercept	.26 (.47)	.55	.593	.35 (.37)	.95	.351	1.54 (.81)	1.90	.075	N	N	N	N	N	-n	N	-n	N	-y	N			
Baseline Slope	.01 (.08)	.19	.856	-.00 (.06)	-.05	.960	-.09 (.06)	-1.56	.137														
Level Change	.26 (.51)	.52	.616	.11 (.41)	.28	.784	.78 (.46)	1.70	.108														
Slope Change	-.11 (.13)	-.86	.409	-.01 (.07)	-.14	.891	.06 (.06)	.96	.348														
PTSD Symptoms													1	2	3	4	5	6	7	8	9	10	S
	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	-n	N	Y	Y	N	N	Y	-y	N	Y	N			
Baseline Intercept	1.26 (1.02)	1.23	.247	1.24 (1.13)	1.10	.281	8.78 (2.11)	4.15	.001***	-n	N	Y	Y	N	N	Y	-y	N	Y	N			
Baseline Slope	.15 (.17)	.89	.395	.12 (.18)	.66	.516	-.45 (.15)	-3.06	.007**														
Level Change	1.29 (1.09)	1.18	.266	.61 (1.00)	.61	.549	2.98 (1.24)	2.40	.028*														
Slope Change	-.56 (.27)	-2.08	.065	-.19 (.20)	-.98	.338	.37 (.17)	2.25	.038*														

Note. B = Baseline. T = Treatment. F = Follow-up. 1 = B stability. 2 = T stability. 3 = Contrast B-T. 4 = Immediacy B-T. 5 = Overlap B-T <30%. 6 = F stability. 7 = Contrast T-F. 8 = Immediacy T-F. 9 = Overlap T-F <30%. 10 = Consistency B-F. S = Effect according to total score. N/Y = All three coders agreed on No/Yes. -n/-y = Two coders scored No/Yes. * $p < .05$. ** $p < .01$. *** $p < .001$.

Table D-07. Case-Based Statistical and Visual Analyses for Perceived Stress, Parental Anger, and PTSD Symptoms for Mother M07

M07	Statistical Analyses									Scoring Visual Analyses																				
	B vs T			B vs TF			T vs F			B vs T					T vs F															
Perceived Stress																														
	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	1	2	3	4	5	6	7	8	9	10	S										
Baseline Intercept	1.15 (.26)	4.47	.001***	1.15 (.29)	4.03	.000***	.44 (.76)	.58	.569	-y	Y	Y	N	N	-y	Y	Y	N	Y	-y										
Baseline Slope	-.08 (.04)	-1.86	.082	-.08 (.05)	-1.68	.103	-.01 (.05)	-.17	.870																					
Level Change	.05 (.35)	.15	.886	.13 (.33)	.40	.689	.53 (.34)	1.58	.128																					
Slope Change	.07 (.06)	1.08	.298	.08 (.05)	1.70	.099	-.02 (.05)	-.44	.668																					
Parental Anger																														
	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	1	2	3	4	5	6	7	8	9	10	S										
Baseline Intercept	.31 (.05)	6.02	.000***	.32 (.05)	6.30	.000***	.58 (.07)	8.53	.000***	Y	Y	Y	-n	N	Y	Y	-n	N	N	Y										
Baseline Slope	-.01 (.01)	-1.28	.218	-.01 (.01)	-1.53	.137	-.03 (.00)	-7.22	.000***																					
Level Change	.03 (.07)	.41	.686	-.07 (.06)	-1.19	.244	.06 (.03)	2.18	.041*																					
Slope Change	-.02 (.01)	-1.64	.122	.01 (.01)	.71	.481	.03 (.00)	6.77	.000***																					
PTSD Symptoms																														
	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	1	2	3	4	5	6	7	8	9	10	S										
Baseline Intercept	1.13 (.03)	37.88	.000***	1.13 (.03)	36.84	.000***	1.25 (.04)	33.62	.000***	Y	Y	N	N	N	Y	N	N	N	Y	N										
Baseline Slope	-.01 (.00)	-1.41	.178	-.01 (.00)	-1.57	.126	-.01 (.00)	-5.59	.000***																					
Level Change	.04 (.04)	1.15	.269	.01 (.03)	.27	.791	.02 (.02)	1.42	.169																					
Slope Change	-.01 (.01)	-.86	.402	.00 (.01)	.87	.388	.01 (.00)	5.26	.000***																					

Note. B = Baseline. T = Treatment. F = Follow-up. 1 = B stability. 2 = T stability. 3 = Contrast B-T. 4 = Immediacy B-T. 5 = Overlap B-T <30%. 6 = F stability. 7 = Contrast T-F. 8 = Immediacy T-F. 9 = Overlap T-F <30%. 10 = Consistency B-F. S = Effect according to total score. N/Y = All three coders agreed on No/Yes. -n/-y = Two coders scored No/Yes. * $p < .05$. ** $p < .01$. *** $p < .001$.

Table D-08. Case-Based Statistical and Visual Analyses for Perceived Stress, Parental Anger, and PTSD Symptoms for Mother M08

M08	Statistical Analyses									Scoring Visual Analyses										
	B vs T			B vs TF			T vs F			B vs T					T vs F					
Perceived Stress																				
	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	1	2	3	4	5	6	7	8	9	10	S
Baseline Intercept	.98 (.28)	3.45	.003**	.98 (.31)	3.12	.004**	-.50 (1.90)	-.26	.797	Y	Y	Y	N	N	-n	Y	-n	N	Y	-n
Baseline Slope	.00 (.03)	.06	.954	.00 (.03)	.05	.958	.07 (.10)	.68	.508											
Level Change	-.46 (.44)	-1.04	.313	-.32 (.40)	-.82	.418	.09 (.59)	.16	.874											
Slope Change	.06 (.09)	.74	.471	.04 (.04)	.93	.357	-.05 (.11)	-.47	.644											
Parental Anger																				
	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	1	2	3	4	5	6	7	8	9	10	S
Baseline Intercept	.59 (.43)	1.38	.185	.55 (.41)	1.35	.186	.85 (1.69)	.50	.620	N	N	Y	-y	N	-n	Y	-n	N	Y	N
Baseline Slope	.04 (.05)	.79	.439	.04 (.04)	.96	.342	.03 (.09)	.31	.761											
Level Change	.21 (.58)	.38	.709	.43 (.47)	.91	.369	.15 (.49)	.30	.767											
Slope Change	-.03 (.12)	-.27	.791	-.09 (.05)	-1.74	.092	-.13 (.10)	-1.31	.206											
PTSD Symptoms																				
	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	1	2	3	4	5	6	7	8	9	10	S
Baseline Intercept	2.18 (1.01)	2.15	.044*	2.09 (.67)	3.10	.004**	-.84 (2.14)	-.39	.700	-n	-y	Y	-n	N	-y	Y	Y	N	-n	-n
Baseline Slope	-.04 (.10)	-.42	.676	-.02 (.07)	-.32	.750	.13 (.11)	1.17	.257											
Level Change	-.06 (.69)	-.08	.934	-.09 (.65)	-.15	.885	-.81 (.63)	-1.30	.212											
Slope Change	.12 (.24)	.51	.617	.01 (.09)	.12	.909	-.12 (.13)	-.94	.362											

Note. B = Baseline. T = Treatment. F = Follow-up. 1 = B stability. 2 = T stability. 3 = Contrast B-T. 4 = Immediacy B-T. 5 = Overlap B-T <30%. 6 = F stability. 7 = Contrast T-F. 8 = Immediacy T-F. 9 = Overlap T-F <30%. 10 = Consistency B-F. S = Effect according to total score. N/Y = All three coders agreed on No/Yes. -n/-y = Two coders scored No/Yes. * $p < .05$. ** $p < .01$. *** $p < .001$.

Table D-09. Case-Based Statistical and Visual Analyses for Perceived Stress, Parental Anger, and PTSD Symptoms for Mother M09

M09	Statistical Analyses									Scoring Visual Analyses										
	B vs T			B vs TF			T vs F			B vs T					T vs F					
Perceived Stress																				
	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	1	2	3	4	5	6	7	8	9	10	S
Baseline Intercept	.72 (.52)	1.37	.184	.69 (.64)	1.09	.284	-2.07 (1.20)	-1.73	.101	N	-y	-y	-y	N	-n	Y	Y	N	-n	N
Baseline Slope	.05 (.06)	.85	.404	.06 (.07)	.75	.461	.14 (.05)	2.55	.020*											
Level Change	-1.41 (.68)	-2.07	.050*	-.75 (.76)	-.99	.330	-1.13 (.71)	-1.59	.129											
Slope Change	.08 (.09)	.95	.350	-.05 (.08)	-.62	.538	-.24 (.14)	-1.74	.100											
Parental Anger																				
	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	1	2	3	4	5	6	7	8	9	10	S
Baseline Intercept	.34 (.18)	1.84	.078	.34 (.18)	1.89	.068		-.39	.698	Y	Y	Y	Y	N	Y	N	N	N	Y	N
Baseline Slope	.00 (.02)	.23	.822	.00 (.02)	.23	.817	.02 (.02)	1.07	.298											
Level Change	-.25 (.25)	-1.00	.326	-.14 (.22)	-.65	.519	.02 (.28)	.08	.935											
Slope Change	.02 (.03)	.61	.548	.00 (.02)	.04	.967	-.07 (.06)	-1.28	.217											
PTSD Symptoms																				
	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	1	2	3	4	5	6	7	8	9	10	S
Baseline Intercept	3.33 (.59)	5.63	.000***	3.33 (.58)	5.73	.000***	1.36 (1.48)	.92	.371	-y	-y	Y	-n	N	-y	-y	-y	N	N	-n
Baseline Slope	-.11 (.07)	-1.57	.129	-.11 (.07)	-1.60	.120	.04 (.07)	.55	.589											
Level Change	.22 (.80)	.28	.781	.45 (.72)	.63	.536	-.88 (.88)	-1.00	.330											
Slope Change	.15 (.10)	1.49	.149	.10 (.08)	1.27	.214	.02 (.17)	.14	.894											

Note. B = Baseline. T = Treatment. F = Follow-up. 1 = B stability. 2 = T stability. 3 = Contrast B-T. 4 = Immediacy B-T. 5 = Overlap B-T <30%. 6 = F stability. 7 = Contrast T-F. 8 = Immediacy T-F. 9 = Overlap T-F <30%. 10 = Consistency B-F. S = Effect according to total score. N/Y = All three coders agreed on No/Yes. -n/-y = Two coders scored No/Yes. * $p < .05$. ** $p < .01$. *** $p < .001$.

Appendix E

Elaborate description of case-based statistical and visual analyses for perceived stress, parental anger, and PTSD symptoms

Mother M01

Mother M01 showed no treatment effects on perceived stress, based on both the statistical and the visual analyses. For parental anger, this mother showed a slight decrease in anger during B ($\beta_1(SE) = -.01(.00)$, $t = -2.31$, $p = .028$), and a stable level during T and F with a slope that was significantly different from the B slope ($\beta_3(SE) = .01(.01)$, $t = 2.20$, $p = .035$), which may be considered a negative treatment effect, that seems reliable because all phases were scored to be stable in the visual analyses. However, no treatment effects were found for parental anger when B and T, or T and F were compared. For PTSD symptoms, this mother showed significant level change between B and T ($\beta_2(SE) = -1.53 (.42)$, $t = -3.64$, $p = .001$), and B and T + F ($\beta_2(SE) = -1.30(.38)$, $t = -3.40$, $p = .002$). This means that the estimated level of PTSD symptoms was lower right after the start of T than would be expected based on all values before and after the start of the interventions. This positive treatment effect seems appropriate because the visual codings agreed on stability for all phases. No treatment effects were found for PTSD symptoms comparing T and F.

Mother M02

Mother M02 showed a significant level change in perceived stress between B and T + F ($\beta_2(SE) = .80(.34)$, $t = 2.35$, $p = .026$). After the start of T, the estimated level of stress was higher than would be expected based on the scores before the start of T, which may be considered a negative treatment effect. However, there was disagreement about B and T phase stability in the visual analyses, which indicates that this difference may be less appropriate. For the comparison of perceived stress between B and T and T and F, no significant differences were found. Next, no significant differences were found between

phases for parental anger, but the visual analyses did agree on indices of a treatment effect. The statistics showed a slightly larger reduction of anger after the start of T ($\beta_3(SE) = -.01(.03)$, $t = -.10$, $p = .842$), and a lower estimated level than expected at the start of T ($\beta_2(SE) = -.15(.18)$, $t = -.85$, $p = .402$), which may be considered a positive treatment effect. Finally, this mother showed a higher estimated level of PTSD symptoms than was to be expected after the start of T based on the B and T + F comparison ($\beta_2(SE) = .94(.38)$, $t = 2.48$, $p = .019$), which may be considered undesirable. The visual analyses only showed disagreement on B stability and not for the other phases, cautiously indicating the analyses may at least be partially appropriate. No other treatment effects were found for PTSD symptoms when comparing B and T or T and F.

Mother M03

For mother M03, no significant treatment effects were found between B and T (+ F), or T and F based on both statistical and visual analyses for perceived stress, parental anger, and PTSD symptoms. Notably, this mother reported no parental anger throughout the study.

Mother M04

For parental stress, mother M04 only showed significant differences between T and F: there was a significant decrease in stress during T ($\beta_1(SE) = -.26(.06)$, $t = -4.40$, $p < .001$) that turned into an almost stable estimated level during F with a slope that was significantly different from the T slope ($\beta_3(SE) = .25(.07)$, $t = 3.90$, $p = .001$). In addition, the visual analyses agreed on indices of a treatment effect for the comparison of B versus T as well. The statistics showed – albeit not significant – a relatively stable level during B ($\beta_1(SE) = -.00(.10)$, $t = -.00$, $p = .993$), with a decrease in stress during T ($\beta_1(SE) = -.26(.06)$, $t = -4.40$, $p = .000$), that levelled out during F, which may be considered a positive treatment effect. Next, for parental anger, this mother showed significant treatment effects on the comparison of T and F, but not for any B comparison. During T, there was a slight increase in anger ($\beta_1(SE) =$

.03(.01), $t = 3.68$, $p = .002$), and a stable estimated level during F with a slope that was significantly different from the T slope ($\beta_3(SE) = -.03(.01)$, $t = -3.31$, $p = .004$), which may be considered a positive, delayed effect. These statistics seem appropriate because the visual scorings showed agreement on T and F phase stability. No significant treatment effects were found between B and T (+ F), or T and F based on both statistical and visual analyses for PTSD symptoms.

Mother M05

For perceived stress and PTSD symptoms there were no significant treatment effects between B and T (+ F), or T and F based on both statistical and visual analyses for mother M05. For parental anger, this mother only showed significant differences between T and F, and not between B and T (+ F). During T, there was a slight decrease in anger ($\beta_1(SE) = -.05(.02)$, $t = -3.11$, $p = .006$), and a slight increase during F with a slope that was significantly different from the T slope ($\beta_3(SE) = .08(.03)$, $t = 2.85$, $p = .010$), which may be considered a negative effect, in particular because the B level was stable ($\beta_1(SE) = .00(.04)$, $t = .00$, $p = .999$), which may be considered a better result. However, these statistics may be less appropriate because the visual scorings showed disagreement about T stability.

Mother M06

Mother M06 showed no significant treatment effects between B and T (+ F), or T and F based on both statistical and visual analyses for perceived stress and parental anger. For PTSD symptoms, there was a significant difference between T and F, but not between B and T (+ F). During T, there was a decrease in symptoms ($\beta_1(SE) = -.45(.15)$, $t = -3.06$, $p = .007$), but the decrease during F was smaller with a slope that was significantly different from the T slope ($\beta_3(SE) = .37(.17)$, $t = 2.25$, $p = .038$), which may be considered a positive effect. Even though the F started at a higher estimated level than expected ($\beta_2(SE) = 2.98(1.24)$, $t = 2.40$, p

= .028), there was still a decrease during F. However, the visual scorings agreed on a lack of phase stability for both T and F, indicating that these statistics may be less appropriate.

Mother M07

For mother M07, there were no significant differences between phases for perceived stress based on the statistical and visual analyses. For parental anger, the visual codings agreed on stability for all phases and indices of an effect. The statistical analyses showed a larger decrease during T, compared to B (non-significant; $\beta_3(SE) = -.02(.01)$, $t = -1.64$, $p = .122$), but only significant differences between T and F. That is, during T, there was a decrease in parental anger ($\beta_1(SE) = -.03(.00)$, $t = -7.22$, $p < .001$), but a stable estimated level during F with a slope that was significantly different from the T slope ($\beta_3(SE) = .03(.00)$, $t = 6.77$, $p < .001$), which may be considered a positive effect. For PTSD symptoms, there was 100% agreement about phase stability and a lack of treatment effects for the visual scoring. However, the difference in slope between T and F showed to be significant ($\beta_3(SE) = .01(.00)$, $t = 5.26$, $p < .001$), but this negative effect (i.e., increase in symptoms) is very small and may not be meaningful because there was very little variation on this outcome for this mother throughout the study.

Mother M08

For mother M08, no significant treatment effects were found between B and T (+ F), or T and F based on both statistical and visual analyses for perceived stress, parental anger, and PTSD symptoms. Notably, this mother reported no parental anger throughout the study.

Mother M09

Mother M09 only showed a significant level change between B and T: the estimated level of stress was significantly lower than expected when T started ($\beta_2(SE) = -1.41(.68)$, $t = -2.07$, $p = .050$), which may be considered a positive effect of treatment. There was however no (agreement) on phase stability according to the visual analyses, which may indicate that

the statistical analyses were less appropriate. When B was compared to T + F, or when T was compared to F, there were no significant differences between phases for this mother.

Furthermore, no significant treatment effects were found between B and T (+ F), or T and F based on both statistical and visual analyses for parental anger, and PTSD symptoms.

Appendix F

Outcomes for Group-Based Statistical Analyses for Risk of Child Maltreatment and Parental Sense of Competence

	B vs T				B vs TF				T vs F			
Risk of Child Maltreatment												
	β_0	Residual	Phi		β_0	Residual	Phi	β_1	β_0	Residual	Phi	
Random effects	3.82	8.12	.37		5.66	7.08	.25	.30	5.86	6.88	.18	
Fixed effects	β (SE)	DF	t	p	β (SE)	DF	t	p	β (SE)	DF	t	p
Baseline Intercept	12.67 (2.45)	172	5.17	.000***	12.595 (2.56)	298	4.91	.000***	9.91 (4.68)	199	2.12	.035*
Baseline Slope	.41 (.27)	172	1.52	.131	.40 (.25)	298	1.61	.109	.28 (.24)	199	1.16	.248
Level Change	-3.79 (2.52)	172	-1.50	.135	-3.68 (1.96)	298	-1.88	.061	-2.54 (2.02)	199	-1.26	.209
Slope Change	-.28 (.46)	172	-.60	.550	-.40 (.25)	298	-1.60	.111	-.28 (.28)	199	-1.00	.319
Parental Sense of Competence												
	β_0	Residual	Phi		β_0	Residual	Phi		β_0	Residual	Phi	
Random effects	.49	.60	.28		.52	.51	.24		.47	.49	.34	
Fixed effects	β (SE)	DF	t	p	β (SE)	DF	t	p	β (SE)	DF	t	p
Baseline Intercept	1.43 (.22)	172	6.50	.000***	1.42 (.21)	298	6.70	.000***	1.29 (.37)	199	3.46	.001***
Baseline Slope	.01 (.02)	172	.31	.761	.01 (.02)	298	.44	.657	.01 (.02)	199	.54	.589
Level Change	-.05 (.18)	172	-.26	.799	-.00 (.14)	298	-.03	.973	.02 (.15)	199	.13	.900
Slope Change	-.01 (.03)	172	-.19	.851	-.01 (.02)	298	-.76	.448	-.03 (.02)	199	-1.25	.213

Note. B = Baseline. T = Treatment. F = Follow-up. * $p < .05$. ** $p < .01$. *** $p < .001$.

Appendix G

Outcomes for case-based statistical and visual analyses for risk of child maltreatment and parental sense of competence

Table G-01. Case-Based Statistical and Visual Analyses for Risk of Child Maltreatment and Parental Sense of Competence for Mother**M01**

M01	Statistical Analyses									Scoring Visual Analyses										
	B vs T			B vs TF			T vs F			B vs T					T vs F					
Risk of Child Maltreatment																				
	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	1	2	3	4	5	6	7	8	9	10	S
Baseline Intercept	13.34 (1.94)	6.87	.000***	13.34 (1.82)	7.33	.000***	1.59 (10.33)	.15	.879	Y	Y	-n	-y	N	-y	N	N	N	-y	N
Baseline Slope	.30 (.21)	1.41	.172	.30 (.20)	1.51	.141	.66 (.48)	1.38	.187											
Level Change	-4.91 (2.80)	-1.76	.093	3.89 (2.30)	-1.69	.101	-2.10 (3.24)	-.65	.525											
Slope Change	.23 (.40)	.58	.566	-.03 (.23)	-.14	.889	-.58 (.82)	-.70	.491											
Parental Sense of Competence																				
	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	1	2	3	4	5	6	7	8	9	10	S
Baseline Intercept	3.57 (.19)	19.09	.000***	3.57 (.18)	19.61	.000***	1.15 (.52)	2.20	.042*	Y	Y	Y	Y	N	-y	Y	N	N	Y	-y
Baseline Slope	-.09 (.02)	-4.20	.000***	-.09 (.02)	-4.32	.000***	.06 (.02)	2.37	.030*											
Level Change	-.11 (.27)	-.39	.699	-.04 (.23)	-.19	.850	.14 (.22)	.63	.540											
Slope Change	.14 (.04)	3.74	.001**	.14 (.02)	5.80	.000***	-.04 (.04)	-1.19	.249											

Note. B = Baseline. T = Treatment. F = Follow-up. 1 = B stability. 2 = T stability. 3 = Contrast B-T. 4 = Immediacy B-T. 5 = Overlap B-T <30%. 6 = F stability. 7 = Contrast T-F. 8 = Immediacy T-F. 9 = Overlap T-F <30%. 10 = Consistency B-F. S = Effect according to total score. N/Y = All three coders agreed on No/Yes. -n/-y = Two coders scored No/Yes. * $p < .05$. ** $p < .01$. *** $p < .001$.

Table G-02. Case-Based Statistical and Visual Analyses for Risk of Child Maltreatment and Parental Sense of Competence for Mother**M02**

M02	Statistical Analyses									Scoring Visual Analyses										
	B vs T			B vs TF			T vs F			B vs T					T vs F					
Risk of Child Maltreatment																				
	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	1	2	3	4	5	6	7	8	9	10	S
Baseline	23.78	4.69	.000***	23.76	5.24	.000***	3.05 (7.38)	-.41	.684	Y	Y	-	-	N	Y	Y	Y	N	N	-
Intercept	(5.07)			(4.53)								n	n							n
Baseline Slope	-1.44 (.81)	-1.79	.096	-1.43 (.72)	-1.99	.056	1.20 (.47)	2.57	.017*											
Level Change	2.25 (6.18)	.36	.721	7.56 (4.90)	1.54	.133	-12.31	-3.48	.002**											
							(3.54)													
Slope Change	2.64 (1.07)	2.47	.027*	1.11 (.74)	1.50	.143	-1.33 (.52)	-2.55	.018**											
Parental Sense of Competence																				
	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	1	2	3	4	5	6	7	8	9	10	S
Baseline	1.11 (.05)	20.20	.000***	1.09 (.05)	19.90	.000***	.99 (.10)	10.13	.000***	Y	Y	N	N	N	Y	N	N	N	Y	N
Intercept																				
Baseline Slope	.00 (.01)	.38	.713	.01 (.01)	.87	.391	.01 (.01)	2.02	.056											
Level Change	-.02 (.07)	-.30	.772	.01 (.06)	.12	.902	-.13 (.05)	-2.68	.014*											
Slope Change	.01 (.01)	.80	.437	-.01 (.01)	-1.22	.234	-.02 (.01)	-2.17	.041*											

Note. B = Baseline. T = Treatment. F = Follow-up. 1 = B stability. 2 = T stability. 3 = Contrast B-T. 4 = Immediacy B-T. 5 = Overlap B-T <30%. 6 = F stability. 7 = Contrast T-F. 8 = Immediacy T-F. 9 = Overlap T-F <30%. 10 = Consistency B-F. S = Effect according to total score. N/Y = All three coders agreed on No/Yes. -n/-y = Two coders scored No/Yes. * $p < .05$. ** $p < .01$. *** $p < .001$.

Table G-03. Case-Based Statistical and Visual Analyses for Risk of Child Maltreatment and Parental Sense of Competence for Mother**M03**

M03	Statistical Analyses									Scoring Visual Analyses										
	B vs T			B vs TF			T vs F			B vs T					T vs F					
Risk of Child Maltreatment																				
	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	1	2	3	4	5	6	7	8	9	10	S
Baseline Intercept	1.70 (4.13)	.41	.690	1.31 (7.61)	.17	.865	36.72 (20.13)	1.82	.082	N	Y	Y	-y	N	Y	Y	-n	N	Y	N
Baseline Slope	2.35 (.63)	3.73	.004**	2.50 (1.08)	2.32	.027*	-1.28 (1.46)	-.88	.388											
Level Change	-3.72 (5.60)	-.66	.522	-14.18 (6.47)	-2.19	.036*	-5.48 (5.77)	-.95	.352											
Slope Change	-3.52 (1.48)	-2.38	.039*	-2.33 (1.21)	-1.92	.065	1.94 (1.55)	1.25	.224											
Parental Sense of Competence – No variance																				
										1	2	3	4	5	6	7	8	9	10	S
										Y	Y	N	N	N	Y	N	N	N	Y	N

Note. B = Baseline. T = Treatment. F = Follow-up. 1 = B stability. 2 = T stability. 3 = Contrast B-T. 4 = Immediacy B-T. 5 = Overlap B-T <30%. 6 = F stability. 7 = Contrast T-F. 8 = Immediacy T-F. 9 = Overlap T-F <30%. 10 = Consistency B-F. S = Effect according to total score. N/Y = All three coders agreed on No/Yes. -n/-y = Two coders scored No/Yes. * $p < .05$. ** $p < .01$. *** $p < .001$.

Table G-04. Case-Based Statistical and Visual Analyses for Risk of Child Maltreatment and Parental Sense of Competence for Mother**M04**

M04	Statistical Analyses									Scoring Visual Analyses										
	B vs T			B vs TF			T vs F			B vs T					T vs F					
Risk of Child Maltreatment																				
	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	1	2	3	4	5	6	7	8	9	10	S
Baseline	21.89 (5.87)	3.73	.002**	21.86 (4.64)	4.71	.000***	17.65	.78	.445	Y	Y	Y	Y	N	Y	-	N	N	Y	-
Intercept							(22.64)									n				n
Baseline Slope	.41 (.77)	.53	.604	.44 (.60)	.72	.474	-.64 (1.36)	-.47	.645											
Level Change	-17.34	-2.17	.047*	-19.44	-3.70	.001***	.43 (8.03)	.05	.958											
	(7.98)			(5.26)																
Slope Change	-1.15 (1.60)	-.72	.483	-.79 (.64)	-1.23	.229	.36 (1.44)	.25	.808											
Parental Sense of Competence																				
	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	1	2	3	4	5	6	7	8	9	10	S
Baseline	1.15 (.04)	32.21	.000***	1.14 (.03)	39.87	.000***	1.14 (.10)	11.23	.000***	Y	Y	N	N	N	Y	N	N	N	Y	N
Intercept																				
Baseline Slope	-.00 (.00)	-.45	.657	-.00 (.00)	-.48	.633	-.00 (.01)	-.43	.673											
Level Change	-.01 (.05)	-.17	.868	-.01 (.03)	-.44	.665	.02 (.04)	.60	.554											
Slope Change	-.00 (.01)	-.08	.934	.00 (.00)	.26	.799	.00 (.01)	.11	.916											

Note. B = Baseline. T = Treatment. F = Follow-up. 1 = B stability. 2 = T stability. 3 = Contrast B-T. 4 = Immediacy B-T. 5 = Overlap B-T <30%. 6 = F stability. 7 = Contrast T-F. 8 = Immediacy T-F. 9 = Overlap T-F <30%. 10 = Consistency B-F. S = Effect according to total score. N/Y = All three coders agreed on No/Yes. -n/-y = Two coders scored No/Yes. * $p < .05$. ** $p < .01$. *** $p < .001$.

Table G-05. Case-Based Statistical and Visual Analyses for Risk of Child Maltreatment and Parental Sense of Competence for Mother**M05**

M05	Statistical Analyses									Scoring Visual Analyses										
	B vs T			B vs TF			T vs F			B vs T					T vs F					
Risk of Child Maltreatment																				
	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	1	2	3	4	5	6	7	8	9	10	S
Baseline Intercept	15.42 (4.03)	3.82	.001**	15.51 (3.38)	4.59	.000***	9.28 (8.18)	1.13	.270	Y	Y	-y	N	N	Y	-y	N	N	Y	-y
Baseline Slope	-.29 (.52)	-.56	.572	-.31 (.44)	-.70	.491	.29 (.42)	.70	.493											
Level Change	1.60 (4.56)	.35	.730	2.10 (3.50)	.60	.552	-1.31 (4.56)	-.29	.777											
Slope Change	.58 (.67)	.88	.392	.50 (.46)	1.09	.285	-.03 (.69)	-.05	.963											
Parental Sense of Competence																				
	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	1	2	3	4	5	6	7	8	9	10	S
Baseline Intercept	1.91 (.14)	13.24	.000***	1.91 (.13)	14.85	.000***	1.65 (.16)	10.28	.000***	Y	Y	Y	N	N	Y	-y	-y	N	-y	-y
Baseline Slope	-.06 (.02)	-3.28	.004**	-.06 (.02)	-3.68	.001***	-.02 (.01)	-2.29	.033*											
Level Change	.29 (.16)	1.77	.092	.21 (.13)	1.57	.126	-.02 (.09)	-.25	.802											
Slope Change	.04 (.02)	1.79	.088	.06 (.02)	3.19	.003**	.04 (.01)	2.70	.014*											

Note. B = Baseline. T = Treatment. F = Follow-up. 1 = B stability. 2 = T stability. 3 = Contrast B-T. 4 = Immediacy B-T. 5 = Overlap B-T <30%. 6 = F stability. 7 = Contrast T-F. 8 = Immediacy T-F. 9 = Overlap T-F <30%. 10 = Consistency B-F. S = Effect according to total score. N/Y = All three coders agreed on No/Yes. -n/-y = Two coders scored No/Yes. * $p < .05$. ** $p < .01$. *** $p < .001$.

Table G-06. Case-Based Statistical and Visual Analyses for Risk of Child Maltreatment and Parental Sense of Competence for Mother**M06**

M06	Statistical Analyses									Scoring Visual Analyses										
	B vs T			B vs TF			T vs F			B vs T					T vs F					
Risk of Child Maltreatment																				
	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	1	2	3	4	5	6	7	8	9	10	S
Baseline Intercept	.81 (3.68)	.22	.830	.82 (9.82)	.08	.934	54.99 (23.76)	2.31	.033*	Y	-n	Y	Y	N	-n	Y	-y	N	Y	N
Baseline Slope	.28 (.65)	.43	.679	.14 (1.60)	.09	.932	-3.11 (1.65)	-1.89	.076											
Level Change	20.11 (5.13)	3.92	.003**	11.37 (9.38)	1.21	.237	15.21 (13.91)	1.09	.290											
Slope Change	-3.39 (.95)	-3.55	.005**	-.62 (1.72)	-.36	.724	3.08 (1.81)	1.70	.108											
Parental Sense of Competence																				
	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	1	2	3	4	5	6	7	8	9	10	S
Baseline Intercept	1.00 (12.01)	.08	.935	1.00 (146.69)	.01	.995	7.13 (77.85)	.09	.928	Y	-n	Y	Y	N	Y	-n	N	N	Y	N
Baseline Slope	-.00 (.13)	-.00	1.000	.00 (.10)	.00	1.000	-.34 (.10)	-3.55	.003**											
Level Change	2.73 (.38)	7.25	.000***	2.73 (.29)	9.33	.000***	1.05 (.55)	1.90	.075											
Slope Change	-.34 (.18)	-1.92	.083	-.10 (.11)	-.94	.356	.34 (.12)	2.85	.011*											

Note. B = Baseline. T = Treatment. F = Follow-up. 1 = B stability. 2 = T stability. 3 = Contrast B-T. 4 = Immediacy B-T. 5 = Overlap B-T <30%. 6 = F stability. 7 = Contrast T-F. 8 = Immediacy T-F. 9 = Overlap T-F <30%. 10 = Consistency B-F. S = Effect according to total score. N/Y = All three coders agreed on No/Yes. -n/-y = Two coders scored No/Yes. * $p < .05$. ** $p < .01$. *** $p < .001$.

Table G-07. Case-Based Statistical and Visual Analyses for Risk of Child Maltreatment and Parental Sense of Competence for Mother**M07**

M07	Statistical Analyses									Scoring Visual Analyses										
	B vs T			B vs TF			T vs F			B vs T					T vs F					
Risk of Child Maltreatment																				
	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	1	2	3	4	5	6	7	8	9	10	S
Baseline Intercept	20.56 (5.59)	3.68	.002**	19.95 (3.41)	5.85	.000***	25.83 (5.19)	4.98	.000***	Y	Y	Y	-y	N	Y	N	N	N	-n	N
Baseline Slope	.08 (.87)	.10	.924	.12 (.54)	.21	.831	-.05 (.34)	-.14	.893											
Level Change	2.84 (6.25)	.45	.656	3.88 (3.82)	1.02	.317	-.33 (2.27)	-.14	.887											
Slope Change	.03 (1.43)	.02	.984	-.16 (.56)	-.28	.780	.01 (.37)	.04	.969											
Parental Sense of Competence																				
	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	1	2	3	4	5	6	7	8	9	10	S
Baseline Intercept	1.20 (.03)	39.34	.000***	1.16 (.36)	3.17	.003**	.91 (.99)	.92	.366	Y	Y	N	N	N	Y	-y	Y	N	-y	N
Baseline Slope	-.01 (.00)	-2.69	.017*	-.00 (.05)	-.05	.958	.01 (.06)	.17	.863											
Level Change	.03 (.04)	.67	.515	.05 (.36)	.14	.889	.34 (.41)	.82	.419											
Slope Change	.01 (.01)	.75	.463	.00 (.06)	.02	.987	-.04 (.07)	-.61	.549											

Note. B = Baseline. T = Treatment. F = Follow-up. 1 = B stability. 2 = T stability. 3 = Contrast B-T. 4 = Immediacy B-T. 5 = Overlap B-T <30%. 6 = F stability. 7 = Contrast T-F. 8 = Immediacy T-F. 9 = Overlap T-F <30%. 10 = Consistency B-F. S = Effect according to total score. N/Y = All three coders agreed on No/Yes. -n/-y = Two coders scored No/Yes. * $p < .05$. ** $p < .01$. *** $p < .001$.

Table G-08. Case-Based Statistical and Visual Analyses for Risk of Child Maltreatment and Parental Sense of Competence for Mother**M08**

M08	Statistical Analyses									Scoring Visual Analyses										
	B vs T			B vs TF			T vs F			B vs T					T vs F					
Risk of Child Maltreatment																				
	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	1	2	3	4	5	6	7	8	9	10	S
Baseline Intercept	5.18 (3.92)	1.32	.202	5.60 (3.28)	1.71	.097	-5.80 (14.98)	-.39	.703	Y	Y	-n	-y	N	Y	-y	-y	N	-y	-n
Baseline Slope	.59 (.43)	1.38	.184	.53 (.36)	1.47	.150	.90 (.76)	1.18	.254											
Level Change	-6.78 (5.93)	-1.14	.267	-2.65 (4.15)	-.64	.527	1.41 (4.64)	.31	.765											
Slope Change	.48 (1.18)	.41	.688	-.22 (.42)	-.53	.599	-1.07 (.85)	-1.27	.221											
Parental Sense of Competence																				
	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	1	2	3	4	5	6	7	8	9	10	S
Baseline Intercept	1.22 (.53)	2.32	.032*	1.30 (.45)	2.92	.006**	.31 (2.84)	.11	.914	-y	N	Y	N	N	-n	Y	-n	N	Y	N
Baseline Slope	.05 (.06)	.80	.434	.03 (.05)	.69	.493	.09 (.14)	.63	.536											
Level Change	-.30 (.74)	-.41	.689	.41 (.56)	.73	.472	-.11 (.88)	-.13	.896											
Slope Change	.06 (.15)	.41	.688	-.06 (.06)	-1.12	.271	-.18 (.16)	-1.11	.285											

Note. B = Baseline. T = Treatment. F = Follow-up. 1 = B stability. 2 = T stability. 3 = Contrast B-T. 4 = Immediacy B-T. 5 = Overlap B-T <30%. 6 = F stability. 7 = Contrast T-F. 8 = Immediacy T-F. 9 = Overlap T-F <30%. 10 = Consistency B-F. S = Effect according to total score. N/Y = All three coders agreed on No/Yes. -n/-y = Two coders scored No/Yes. * $p < .05$. ** $p < .01$. *** $p < .001$.

Table G-09. Case-Based Statistical and Visual Analyses for Risk of Child Maltreatment and Parental Sense of Competence for Mother**M09**

M09	Statistical Analyses									Scoring Visual Analyses										
	B vs T			B vs TF			T vs F			B vs T			T vs F							
Risk of Child Maltreatment																				
	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	1	2	3	4	5	6	7	8	9	10	S
Baseline Intercept	11.68 (8.99)	1.30	.206	10.79 (6.80)	1.59	.123	1.07 (15.28)	.07	.945	N	N	-y	Y	N	Y	Y	N	N	-n	N
Baseline Slope	.96 (1.02)	.95	.354	1.02 (.79)	1.29	.208	.62 (.70)	.88	.389											
Level Change	-16.84 (.10.49)	-1.51	.122	-15.36 (8.25)	-1.86	.072	2.72 (9.03)	.30	.767											
Slope Change	-.28 (1.55)	-.18	.859	-.47 (.90)	-.52	.609	-.98 (1.77)	-.55	.588											
Parental Sense of Competence																				
	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	β (SE)	<i>t</i>	<i>p</i>	1	2	3	4	5	6	7	8	9	10	S
Baseline Intercept	.77 (.54)	1.43	.166	.79 (.55)	1.44	.159	-.78 (1.26)	-.62	.545	N	N	Y	Y	N	Y	Y	-n	N	-n	N
Baseline Slope	.13 (.06)	2.08	.048*	.13 (.06)	1.98	.056	.11 (.06)	1.86	.079											
Level Change	-1.94 (.72)	-2.68	.013*	-1.34 (.68)	-1.98	.056	-.78 (.72)	-1.09	.292											
Slope Change	-.02 (.09)	-.21	.836	-.12 (.07)	-1.66	.106	-.18 (.15)	-1.27	.219											

Note. B = Baseline. T = Treatment. F = Follow-up. 1 = B stability. 2 = T stability. 3 = Contrast B-T. 4 = Immediacy B-T. 5 = Overlap B-T <30%. 6 = F stability. 7 = Contrast T-F. 8 = Immediacy T-F. 9 = Overlap T-F <30%. 10 = Consistency B-F. S = Effect according to total score. N/Y = All three coders agreed on No/Yes. -n/-y = Two coders scored No/Yes. * $p < .05$. ** $p < .01$. *** $p < .001$.

Appendix H

Elaborate description of case-based statistical and visual analyses for risk of child maltreatment and parental sense of competence

Mother M01

Mother M01 showed no significant differences between B and T (+ F) or T and F for the risk of child maltreatment. There was, however, a significant difference between B and T (+ F) for parental sense of competence, but not between T and F. A decrease in the sense of competence during B ($\beta_1(SE) = -.09(.02)$, $t = -4.20$, $p < .001$) turned to an increase during T (+ F) with a slope that was significantly different from the B slope (T: $\beta_3(SE) = .14(.04)$, $t = 3.74$, $p = .001$; T + F: $\beta_3(SE) = .14(.02)$, $t = 5.80$, $p < .001$). This positive treatment effect seems appropriate because the visual scoring agreed on phase stability for B and T (but not for F).

Mother M02

The statistical analyses for mother M02 showed a slope change in the risk of child maltreatment between B and T, and between T and F. First, there was a decrease during B ($\beta_1(SE) = -1.44(.81)$, $t = -1.79$, $p < .001$), and an increase during T, with a slope that was significantly different from the B slope ($\beta_3(SE) = 2.64(1.07)$, $t = 2.47$, $p = .027$), but during F the risk of child maltreatment decreased with a slope that was significantly different from the T slope ($\beta_3(SE) = -1.33(.52)$, $t = -2.55$, $p = .018$), and this phase started at a lower estimated level than would be expected based on the other values ($\beta_2(SE) = -12.31(3.54)$, $t = -3.48$, $p = .002$). Given the fact that the visual analyses agreed on phase stability for all phases, this may be considered a negative treatment effect, although there were no significant differences between B and T + F. For parental sense of competence, there was 100% agreement about phase stability and all other codings with the visual analyses, and there were no significant differences between B and T (+ F). However, the statistical analyses showed that a small

increase during T ($\beta_1(SE) = .01(.01)$, $t = 2.02$, $p = .056$) turned to a small decrease during F with a slope that was significantly different from the T slope ($\beta_3(SE) = -.02(.01)$, $t = -2.17$, $p = .041$), and this phase started at a lower estimated level than would be expected based on the other values ($\beta_2(SE) = -.13(.05)$, $t = -2.68$, $p = .014$). This may be considered a positive treatment effect.

Mother M03

For the risk of child maltreatment, mother M03 showed a significant increase during B ($\beta_1(SE) = 2.35(.63)$, $t = 3.73$, $p = .004$) and a small decrease during T with a slope that was significantly different from the B slope ($\beta_3(SE) = -3.52(1.48)$, $t = -2.38$, $p = .039$).

Furthermore, when the F was included, the T phase started at a lower estimated level than would be expected based on the other values ($\beta_2(SE) = -14.18(6.47)$, $t = -2.19$, $p = .036$).

With the visual analyses, there was agreement on a lack of B stability, which may indicate that these positive outcomes are less appropriate. There were no significant differences between T and F. Moreover, this mother showed the same level of parental sense of competence throughout the study and therefore showed no treatment effects on this outcome.

Mother M04

Mother M04 showed significant differences in the risk of child maltreatment between B and T (+ F), but not between T and F. Both comparisons showed that the estimated level of risk of child maltreatment was significantly lower after the start of T than would be expected based on all other scores (B versus T: $\beta_2(SE) = -17.34(7.98)$, $t = -2.17$, $p = .048$; B versus T + F: $\beta_2(SE) = -19.44(5.26)$, $t = -3.70$, $p = .001$). This positive treatment effect may be appropriate because there was agreement on B and T stability in the visual analyses. No significant treatment effects were found between B and T (+ F), or T and F based on both statistical and visual analyses for parental sense of competence.

Mother M05

For mother M05, there were no significant differences for the risk of child maltreatment between B and T (+ F), or T and F based on both statistical and visual analyses. For parental sense of competence, this mother showed a slope change between B and T + F ($\beta_3(SE) = .06(.02)$, $t = -3.19$, $p = .003$) and between T and F ($\beta_3(SE) = .04(.01)$, $t = -2.70$, $p = .014$). Taken together, this mother showed a more stable estimated level of parental sense of competence during the period of T and F, compared to a decrease during B ($\beta_1(SE) = -.06(.02)$, $t = -3.68$, $p = .001$), resulting in a slight increase during F. This may be considered a positive (delayed) treatment effect, although the comparison with F may be less appropriate, because only that phase showed no consistent phase stability according to the visual scorings.

Mother M06

For mother M06, there was a significant difference in the risk of child maltreatment between B and T, but not between B and T + F, or between T and F. A decrease in risk during B ($\beta_1(SE) = .28(.65)$, $t = .43$, $p = .003$), changed into a decrease during T with a significantly different slope ($\beta_3(SE) = -3.39(.95)$, $t = -3.55$, $p = .005$), however the estimated risk at the start of T was significantly higher than would be expected based on preceding and following values ($\beta_2(SE) = 20.11(5.13)$, $t = 3.92$, $p = .003$). This positive effect may be less appropriate, because the visual analyses only agreed on B stability, and not on T stability. In addition, this mother showed a significantly higher estimated level of parental sense of competence at the start of T (T: $\beta_2(SE) = 2.73(.38)$, $t = 7.25$, $p < .001$; T + F: $\beta_2(SE) = 2.73(.29)$, $t = 9.33$, $p < .001$). In addition, a decrease in competence during T ($\beta_1(SE) = -.34(.10)$, $t = -3.55$, $p = .003$) changed into a significantly more stable estimated level of competence during F ($\beta_3(SE) = .34(.12)$, $t = 2.85$, $p = .011$). However, these positive treatment effects may not be appropriate for the data, because the visual codings showed disagreement about T phase stability.

Mother M07

For both the risk of child maltreatment, as well as parental sense of competence, mother M07 showed no statistical or visual differences between B and T (+ F) or T and F.

Mother M08

For mother M08, no significant treatment effects were found between B and T (+ F), or T and F based on both statistical and visual analyses for the risk of child maltreatment and parental sense of competence.

Mother M09

Mother M09 showed no significant or visual differences between B and T (+ F), or T and F for the risk of child maltreatment. For parental sense of competence, the estimated level of competence was significantly lower than would be expected right after the start of T (without F; $\beta_2(SE) = -1.94(.72)$, $t = -2.68$, $p = .013$). However, this negative treatment effect may be less appropriate, because the visual analyses showed there was no B or T stability. There were no significant differences between B and T + F or T and F.

Appendix J

Significant moderating effects for perceived stress, parental anger, and PTSD symptoms

Table J-01. Significant Moderating Effects for Perceived Stress

	B vs T				B vs TF				T vs F			
Perceived Stress												
<i>Negative Emotionality</i>	Baseline Intercept	Residual	Phi		Baseline Intercept	Residual	Phi		Baseline Intercept	Residual	Phi	
	β (SE)	DF	t	p	β (SE)	DF	t	p	β (SE)	DF	t	p
Random effects	.26	.67	.38									
Fixed effects												
Baseline intercept	1.07 (.48)	170	2.25	.026*								
Baseline slope	.00 (.02)	170	.12	.907								
Level change	.75 (.65)	170	1.15	.252								
Slope change	-.27 (.12)	170	-2.32	.021*								
Negative Emotionality	.03 (.15)	7	.21	.840								
Level change x Negative Emotionality	-.33 (.20)	170	-1.62	.108								
Slope change x Negative Emotionality	.09 (.03)	170	2.60	.010*								
<i>Soothability – No significant moderating effects</i>												
<i>Life Events – No significant moderating effects</i>												
<i>Baby Age – No significant moderating effects</i>												
<i>Home environment – No significant moderating effects</i>												

Note. B = Baseline. T = Treatment. F = Follow-up. * $p < .05$. ** $p < .01$. *** $p < .001$.

Table J-02. Significant Moderating Effects for Parental Anger

	B vs T				B vs TF				T vs F			
Parental Anger												
<i>Negative Emotionality</i>												
	Baseline Intercept	Residual	Phi		Baseline Intercept	Residual	Phi		Baseline Intercept	Residual	Phi	
Random effects									.39	.26	.33	
Fixed effects	β (SE)	DF	t	p	β (SE)	DF	t	p	β (SE)	DF	t	p
Baseline intercept									.28 (.50)	197	.56	.573
Baseline slope									-.01 (.01)	197	-.92	.357
Level change									-.25 (.24)	197	-1.04	.302
Slope change									.06 (.03)	197	2.14	.034*
Negative Emotionality									.09 (.16)	7	.59	.574
Level change x Negative Emotionality									.09 (.07)	197	1.26	.208
Slope change x Negative Emotionality									-.02 (.01)	197	-2.42	.016*
<i>Soothability – No significant moderating effects</i>												
<i>Life Events – No significant moderating effects</i>												
<i>Baby Age – No significant moderating effects</i>												
<i>Home environment</i>												
	Baseline Intercept	Residual	Phi		Baseline Intercept	Residual	Phi		Baseline Intercept	Residual	Phi	
Random effects					.28	.29	.34					
Fixed effects	β (SE)	DF	t	p	β (SE)	DF	t	p	β (SE)	DF	t	p
Baseline intercept					-1.01 (.69)	296	-1.47	.141				
Baseline slope					.01 (.01)	296	1.17	.242				
Level change					-.34 (.42)	296	-.80	.424				
Slope change					.04 (.03)	296	1.24	.218				
Home environment					.02 (.03)	7	2.02	.084				
Level change x Home environment					.01 (.02)	296	.71	.479				
Slope change x Home environment					-.00 (.00)	296	-2.15	.033*				

Note. B = Baseline. T = Treatment. F = Follow-up. * $p < .05$. ** $p < .01$. *** $p < .001$.

Table J-03A. Significant Moderating Effects for PTSD Symptoms: Negative Emotionality and Soothability

	B vs T				B vs TF				T vs F			
PTSD symptoms												
<i>Negative Emotionality</i>												
	Baseline Intercept	Residual	Phi		Baseline Intercept	Residual	Phi		Baseline Intercept	Residual	Phi	
	β (SE)	DF	t	p	β (SE)	DF	t	p	β (SE)	DF	t	p
Random effects	.44	.68	.25		.35	.65	.26					
Fixed effects												
Baseline intercept	.32 (.63)	170	.51	.613	.32 (.53)	296	.60	.552				
Baseline slope	-.02 (.02)	170	-.72	.474	-.01 (.02)	296	-.66	.509				
Level change	2.15 (.64)	170	3.37	.001***	1.19 (.49)	296	2.41	.017*				
Slope change	-.29 (.11)	170	-2.63	.009**	-.03 (.03)	296	-.88	.379				
Negative Emotionality	.51 (.19)	7	2.63	.034*	.50 (.16)	7	3.06	.018*				
Level change x Negative Emotionality	-.66 (.20)	170	-3.31	.001**	-.36 (.15)	296	-2.32	.021*				
Slope change x Negative Emotionality	.09 (.03)	170	2.78	.006**	.01 (.01)	296	1.07	.286				
<i>Soothability</i>												
	Baseline Intercept	Residual	Phi		Baseline Intercept	Residual	Phi		Baseline Intercept	Residual	Phi	
	β (SE)	DF	t	p	β (SE)	DF	t	p	β (SE)	DF	t	p
Random effects					.50	.65	.25					
Fixed effects												
Baseline intercept					2.39 (1.45)	296	1.65	.101				
Baseline slope					-.02 (.02)	296	-.85	.399				
Level change					1.80 (1.02)	296	1.77	.079				
Slope change					-.13 (.06)	296	-2.14	.033*				
Soothability					-.11 (.32)	7	-.34	.742				
Level change x Soothability					-.38 (.22)	296	-1.69	.091				
Slope change x Soothability					.03 (.01)	296	2.34	.020*				

Note. B = Baseline. T = Treatment. F = Follow-up. * $p < .05$. ** $p < .01$. *** $p < .001$.

Table J-03B. Significant Moderating Effects for PTSD Symptoms: Life Events, Baby Age, and Home Environment

	B vs T				B vs TF				T vs F			
PTSD symptoms												
<i>Life Events</i>												
	Baseline Intercept	Residual	Phi		Baseline Intercept	Residual	Phi		Baseline Intercept	Residual	Phi	
Fixed effects	β (SE)	DF	t	p	β (SE)	DF	t	p	β (SE)	DF	t	p
Random effects									.37	.63	.23	
Baseline intercept									1.22 (.54)	197	2.28	.024*
Baseline slope									-.00 (.02)	197	-.05	.962
Level change									-.68 (.37)	197	-1.81	.073
Slope change									.10 (.04)	197	2.33	.021*
Life Events									.17 (.11)	7	1.61	.151
Level change x Life Events									.15 (.10)	197	1.42	.156
Slope change x Life Events									-.03 (.01)	197	-2.83	.005**
<i>Baby Age – No significant moderating effects</i>												
<i>Home environment – No significant moderating effects</i>												

Note. B = Baseline. T = Treatment. F = Follow-up. * $p < .05$. ** $p < .01$. *** $p < .001$.