

Supplementary materials

Adding Structured Components to Home Visitation to Reduce Mothers' Risk for Child

Maltreatment: A Randomized Controlled Trial

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Appendix A

Participating Nurses, their Reports on Participant Selection Bias and Reasons for Non-Participation of Supportive Parenting Mothers

	<i>n</i>	%
Participating nurses	93	100
Trained in the additional intervention components	63	68
Received online booster training	30	33
Nurses contacted about non-participation	93	100
Nurse provided data about non-participants	53	57
Nurse did not provide data about non-participants	40	43
<i>Reasons:</i>		
Nurse could not be reached	16	40
Nurse did not want to participate anymore	6	15
Nurse had no Supportive Parenting cases during the study	13	33
Nurse felt too busy for participating in the study	2	5
Nurse could not remember number/reasons for non-participants	3	8
Reported number of non-participating mothers	272	100
Nurse did not ask to participate	158	58
<i>Reasons:</i>		
Family situation was deemed too complex/multi-problem	70	44
Language barrier	43	27
Nurse forgot to ask	21	13
Nurse was struggling to obtain basic conditions for intervention	10	6
Additional contents did not match Supportive Parenting contents	9	6
Nurse could not take another strain on her workload	5	3
Mother declined participation	114	42
<i>Reasons:</i>		
Had too much going on in their life	56	67
Said they wanted to participate but did not sign up	29	35
Did not feel like it	18	22
Unknown	9	11

Note.

Appendix B

Mode of Delivery, Topics in Supportive Parenting Home Visits, and Use of Additional Components for the Experimental and Control Group

	EXP		CTRL		χ^2	<i>p</i>
	<i>n</i>	%	<i>n</i>	%		
Mode of delivery						
Home visit A					.01	.924
Home visit	58	82	47	81		
Phone/video call	13	18	11	19		
Home visit B					.92	.336
Home visit	42	69	43	77		
Phone/video call	19	31	13	23		
Generic topics in 2 home visits						
Positive feedback	34	46	33	55	1.09	.297
Stress	37	50	25	42	.926	.336
Anger	16	22	8	13	1.55	.213
Trauma	17	23	3	5	8.43	.004**
Added intervention components						
Parental sense of competence						
In 2 home visits	20	27	6	10	6.14	.013*
In at least 1 home visit	48	65	20	33	13.18	.000***
Perceived stress						
In 2 home visits	24	32	3	5	15.50	.000***
In at least 1 home visit	52	70	12	20	33.56	.000***
Mother used the exercise	23	31	5	8	10.37	.001**
Parental anger						
In 2 home visits	9	12	1	2	5.29	.022*
In at least 1 home visit	29	39	14	23	3.82	.051
PTSD symptoms						
In 2 home visits	16	22	5	3	4.43	.035*
In at least 1 home visit	51	69	12	20	31.83	.000***
When PTSD checklist was used ⁺						
Score above threshold	29	56	10	83	2.89	.089
When mother scored above threshold						
Nurse thinks > 75% chance of seeking help [^]	23	79	9	90	.58	.448
All 4 components						
In 2 home visits	2	3	0	0	1.65	.199
In at least 1 home visit	16	22	2	3	9.53	.002**

Note. EXP = Experimental group. CTRL = Control group. HA = Home visit A. HB = Home visit B.

* *p* < .05. ** *p* < .01. *** *p* < .001.

⁺ = EXP *n* = 51, CTRL *n* = 12.

[^] = EXP *n* = 29, CTRL *n* = 10.

Appendix C

Number of Days between Assessment and Home Visit Points and Time since T1 for the

Experimental and Control Group

	EXP			CTRL			<i>t</i>	<i>p</i>
	<i>n</i>	<i>M</i>	<i>SD</i>	<i>n</i>	<i>M</i>	<i>SD</i>		
<i>Between...</i>								
T1-HA	65	18.78	20.08	68	17.26	20.64	.42	.679
HA-T2	69	20.10	8.11	52	18.87	10.99	.71	.478
T2-T3	45	62.91	51.73	33	38.18	35.59	2.36	.021*
T3-HB	44	15.14	14.29	33	15.48	14.90	-.10	.917
HB-T4	57	28.04	25.38	52	29.52	35.27	-.25	.800
<i>Since T1 and...</i>								
HA	65	18.78	20.08	68	17.26	20.64	.42	.679
T2	64	38.52	20.77	54	36.24	19.54	.61	.544
T3	41	89.10	49.39	34	68.97	39.04	1.93	.058
HB	54	93.72	47.97	53	75.45	32.84	2.29	.024*
T4	67	147.78	86.30	58	115.09	57.48	2.52	.013*

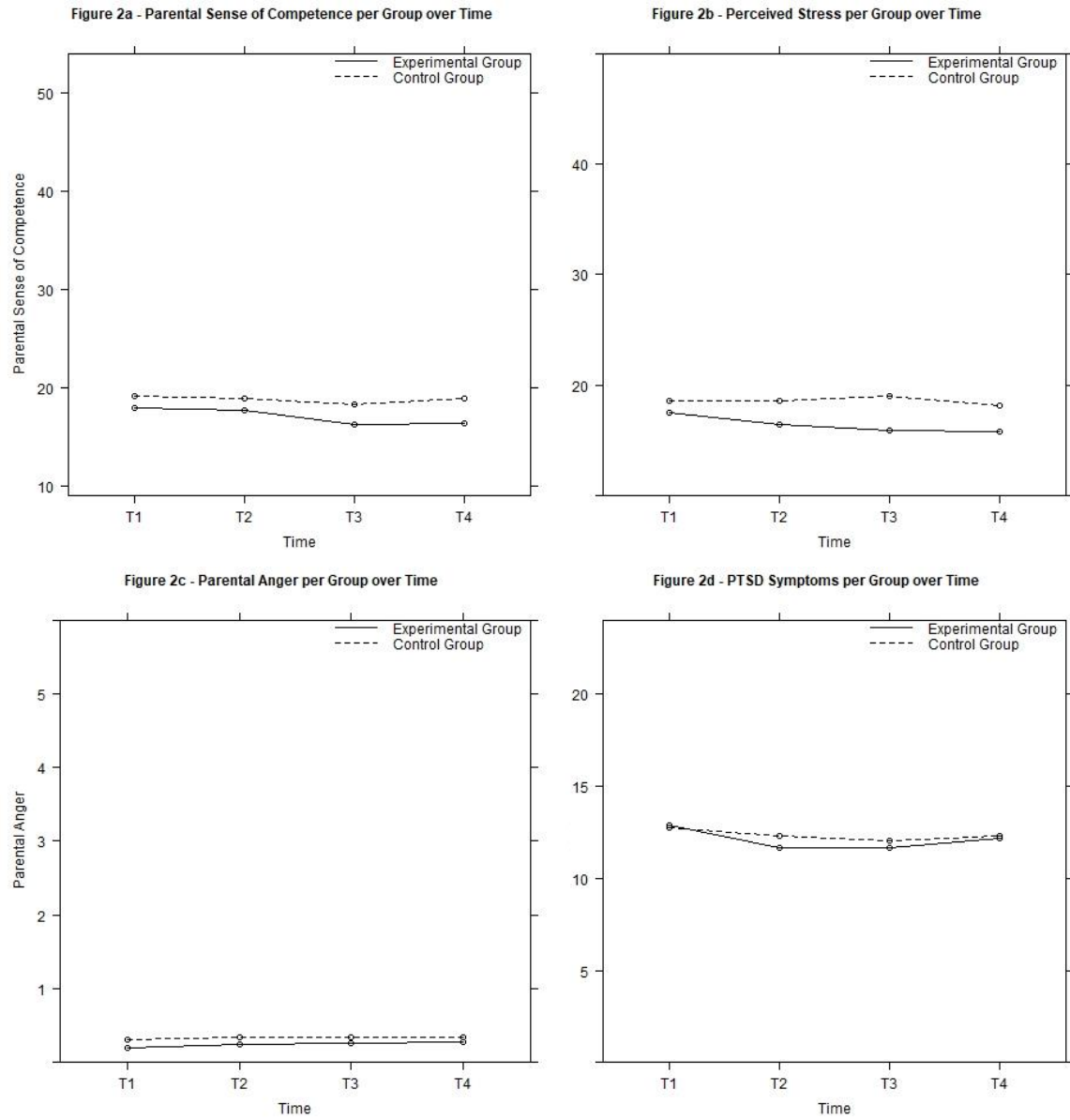
Note. EXP = Experimental group. CTRL = Control group. HA = Home visit A. HB = Home visit B.

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

Appendix D

Figures 2a-2d

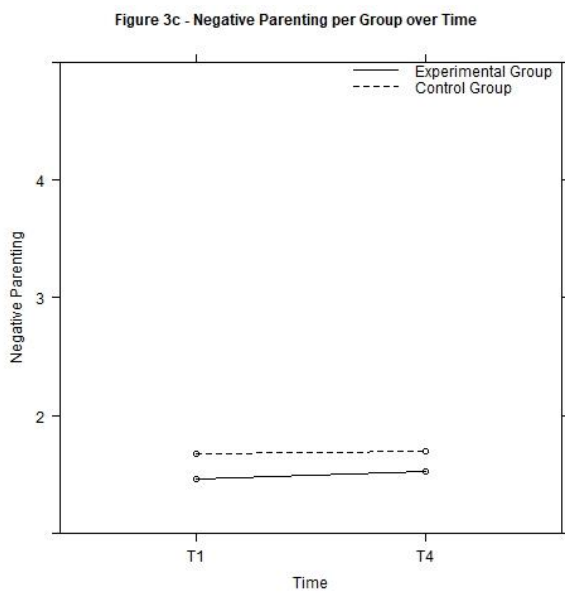
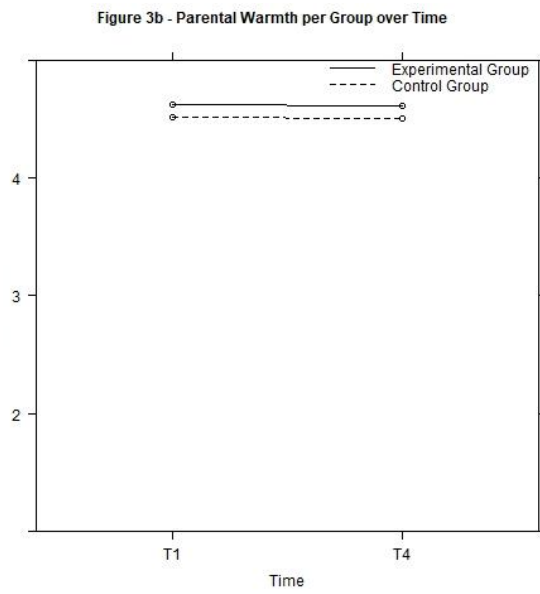
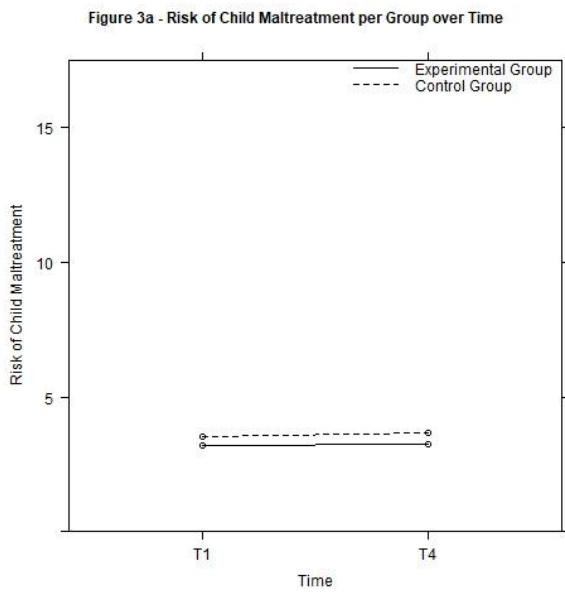
Primary Outcomes over Time per Group



Note. Y-axis min-max = Scale min-max.

Figures 3a-3c

Secondary Outcomes over Time per Group



Note. Y-axis min-max = Scale min-max.