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Unravelling the effect of household chaos on parenting

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Citation

Andeweg, S. M. (2021, March 4). *Unravelling the effect of household chaos on parenting*. Retrieved from <https://hdl.handle.net/1887/3147171>

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Title: Unravelling the effect of household chaos on parenting

Issue Date: 2021-03-04



Supplementary Material

Supplemental Material Chapter 2



Figure A1.
Neutral condition.



Figure A2
Chaos condition.

S

Table B1

Principal component analysis with oblique rotation (pattern matrix): component loadings for components of sensory-processing sensitivity.

	Component 1	Component 2
ATQ-OS	.82	-.02
HSPS	.82	-.15
NSS	.67	-.22
Reactivity to noise	.47	-.69
NSS informant	.13	-.79
ATQ informant	.41	-.49

Note. ATQ-OS = Adult Temperament Questionnaire – Orienting Sensitivity. HSPS = Highly Sensitive Person Scale. NSS = Noise Sensitivity Scale.

Table B2

Principal component analysis with oblique rotation (pattern matrix): component loadings for components of sensory-processing sensitivity.

	Component 1 sensory sensitivity	Component 2 sensory discomfort	Component 3
ATQ: NPS	-.89	-.09	-.10
ATQ: APS	-.86	-.08	-.03
ATQ: AS	-.75	-.05	-.30
HSPS: AES	-.52	-.49	-.06
HSPS: EOE	-.14	-.89	-.20
HSPS: LST	-.09	-.86	-.04
NSS	-.05	-.69	-.12
Responsivity to noise	-.05	>.01	-.96

Note. ATQ:NPS = Adult Temperament Questionnaire : Neutral Perceptual Sensitivity. ATQ:APS = ATQ Affective Perceptual Sensitivity. ATQ:AS = ATQ Associate Sensitivity. HSPS:AES = Highly Sensitive Person Scale: Aesthetic Sensitivity. HSPS:EOE = HSPS Ease of Excitation. HSPS:LST = HSPS Low Sensory Threshold. NSS = Noise Sensitivity Scale.

Table B3

Overview models of caregiver sensitivity

1.	Unconditional means model.
2.	Unconditional growth model: phase as fixed effect.
3.	Unconditional growth model: phase as fixed and random effect.
4.	Phase and condition as fixed effects, phase as random effect, covariates added.
5.	Phase and interaction between condition and sensory-processing sensitivity as fixed effects, phase as random effect, covariates added.
6.	Interaction between condition, sensory-processing sensitivity and phase as fixed effects, phase as random effect, covariates added.
5a.	Phase and interaction between condition and sensory sensitivity as fixed effects, phase as random effect, covariates added.
6a.	Interaction between condition, sensory sensitivity and phase as fixed effects, phase as random effect, covariates added.
5b.	Phase and interaction between condition and sensory discomfort as fixed effects, phase as random effect, covariates added.
6b.	Interaction between condition, sensory discomfort and phase as fixed effects, phase as random effect, covariates added.

Supplemental Material Chapter 5

Table A1

Multiple regression analyses to predict posttest parenting by change in self-reported household chaos, interaction with SPS: ATQ-OS, and covariates.

	Harsh discipline					Sensitivity – free play					Sensitivity – naturalistic											
	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²	
Step 1							0.06							0.19								0.17
Intercept	4.84	1.90		101.07	2.55	.012		1.84	2.73		102.24	0.67	.502		1.64	2.68		103.97	0.61	.542		
Change self-reported household chaos*	-0.03	0.30	-0.01	96.15	-0.09	.928		-0.51	0.46	-0.11	98.66	-1.11	.271		-0.39	0.44	-0.09	95.61	-0.88	.379		
SPS: ATQ-OS	-0.03	0.10	-0.03	99.10	-0.28	.776		0.01	0.16	0.01	103.30	0.07	.941		0.08	0.14	0.05	105.78	0.55	.582		
Parenting Pretest	0.03	0.09		102.11	0.31	.755		0.37	0.10		109.00	3.86	.000		0.24	0.10		103.61	2.49	.014		
self-reported household chaos	-0.11	0.29		104.21	-0.38	.708		-0.12	0.45		104.60	-0.26	.794		-0.38	0.42		103.92	-0.91	.367		
Age	-0.01	0.02		103.68	-0.32	.752		0.00	0.04		105.28	0.11	.911		0.01	0.04		105.30	0.24	.815		
Participant Age child	-0.03	0.05		103.90	-0.57	.568		0.04	0.08		106.60	0.55	.585		0.02	0.08		106.40	0.31	.755		
Participant education	-0.01	0.10		105.46	-0.14	.891		0.18	0.15		107.68	1.25	.212		0.32	0.14		103.65	2.27	.025		

Table A1
Continued.

	Harsh discipline					Sensitivity – free play					Sensitivity – naturalistic											
	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²	
Number of children	-0.09	0.14		100.71	-0.60	.553		0.13	0.22		103.52	0.58	.565		0.30	0.21		100.41	1.39	.167		
Perceived effectiveness	0.21	0.11		88.96	1.82	.072		0.02	0.17		96.69	0.12	.905		-0.09	0.16		96.24	-0.56	.574		
Therapeutic alliance	-0.16	0.18		85.67	-0.87	.388		-0.20	0.27		94.70	-0.74	.464		0.19	0.25		97.62	0.74	.462		
Step 2							0.10							0.20								0.18
Intercept	5.11	1.88		100.05	2.72	.008		1.80	2.74		101.35	0.66	.514		1.57	2.69		102.84	0.58	.560		
Change	0.00	0.30	0.00	93.93	-0.01	.992		-0.53	0.46	-0.12	97.74	-1.15	.253		-0.41	0.44	-0.10	94.35	-0.92	.358		
self-reported household chaos*																						
SPS:ATQ-OS	-0.01	0.10	-0.01	95.98	-0.06	.951		0.00	0.16	0.00	102.09	0.00	.999		0.07	0.15	0.04	104.63	0.46	.650		
Change	-0.61	0.34	0.00	90.31	-1.79	.077		0.36	0.53	0.00	95.10	0.69	.492		0.39	0.50	0.01	92.32	0.77	.442		
self-reported household chaos*SPS:ATQ-OS																						
Pretest parenting	0.01	0.09		101.11	0.08	.935		0.36	0.10		107.96	3.77	.000		0.24	0.10		102.58	2.48	.015		

Table A1
Continued.

	Harsh discipline					Sensitivity – free play					Sensitivity – naturalistic										
	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²
Pretest	-0.08	0.29		102.38	-0.29	.773		-0.13	0.45		103.27	-0.29	.769		-0.40	0.43		102.64	-0.94	.351	
self-reported household chaos																					
Age participant	-0.02	0.02		103.49	-0.60	.552		0.01	0.04		104.42	0.20	.840		0.01	0.04		104.21	0.34	.738	
Age child	-0.02	0.05		103.53	-0.43	.670		0.04	0.08		105.66	0.49	.628		0.02	0.08		105.75	0.23	.818	
Participant education	-0.02	0.10		102.43	-0.24	.808		0.19	0.15		106.16	1.28	.204		0.32	0.14		101.79	2.28	.024	
Number of children	-0.11	0.14		99.05	-0.79	.432		0.14	0.22		102.19	0.64	.520		0.31	0.21		99.03	1.46	.149	
Perceived effectiveness	0.20	0.11		86.51	1.74	.086		0.03	0.17		95.58	0.16	.869		-0.08	0.16		95.42	-0.52	.608	
Therapeutic alliance	-0.16	0.18		83.03	-0.87	.385		-0.20	0.27		93.46	-0.73	.468		0.19	0.25		96.91	0.74	.458	

Note. A negative change in self-reported household chaos indicates that self-reported household chaos decreased from pretest to posttest.

Table A2
Multiple regression analyses to predict posttest parenting by change in self-reported household chaos, interaction with SPS: NSS, and covariates.

	Harsh discipline					Sensitivity – free play					Sensitivity – naturalistic											
	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²	
Step 1							0.07							0.2								0.17
Intercept	4.98	1.98		97.70	2.52	.013		2.21	2.82		101.79	0.78	.435		1.27	2.76		104.48	0.46			.646
Change self-reported household chaos*	-0.03	0.30	-0.01	95.57	-0.12	.909		-0.53	0.46	-0.12	97.05	-1.15	.254		-0.36	0.45	-0.09	93.75	-0.80			.425
SPS: NSS	0.02	0.12	0.02	71.78	0.17	.865		0.10	0.18	0.06	85.25	0.55	.587		-0.08	0.17	-0.05	87.31	-0.47			.638
Pretest parenting	0.02	0.09		101.74	0.27	.786		0.37	0.10		108.69	3.85	.000		0.25	0.10		102.97	2.54			.013
Pretest self-reported household chaos	-0.12	0.30		100.70	-0.41	.682		-0.18	0.46		101.75	-0.39	.698		-0.32	0.44		102.65	-0.73			.466
Age participant	-0.01	0.03		102.40	-0.37	.714		0.00	0.04		104.84	0.03	.974		0.01	0.04		105.42	0.36			.723
Age child	-0.03	0.05		103.14	-0.62	.535		0.04	0.08		106.20	0.54	.590		0.03	0.08		106.85	0.37			.713
Participant education	-0.02	0.10		105.81	-0.16	.877		0.18	0.15		107.25	1.20	.232		0.32	0.14		104.03	2.27			.025

Table A2
Continued.

	Harsh discipline					Sensitivity – free play					Sensitivity – naturalistic											
	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²	
Number of children	-0.08	0.16		94.42	-0.50	.615		0.17	0.24		99.06	0.71	.481		0.27	0.22		95.91	1.18	.240		
Perceived effectiveness	0.20	0.11		89.21	1.79	.076		0.00	0.17		96.61	0.03	.976		-0.08	0.16		96.33	-0.50	.621		
Therapeutic alliance	-0.15	0.18		85.28	-0.86	.393		-0.22	0.27		94.06	-0.81	.422		0.18	0.25		97.64	0.72	.472		
Step 2							0.07							0.2								0.18
Intercept	5.09	1.99		97.31	2.56	.012		2.05	2.84		101.53	0.72	.471		1.24	2.79		103.95	0.44	.658		
Change self-reported household chaos*	-0.05	0.30	-0.02	94.61	-0.16	.869		-0.52	0.47	-0.12	96.09	-1.10	.273		-0.34	0.45	-0.08	94.13	-0.75	.456		
SPS: NSS	0.02	0.12	0.02	70.43	0.15	.878		0.10	0.18	0.06	85.19	0.56	.577		-0.08	0.17	-0.05	85.94	-0.48	.632		
Change self-reported household chaos*SPS: NSS	-0.12	0.33	0.01	59.12	-0.34	.732		0.18	0.47	0.02	73.55	0.37	.713		0.00	0.46	-0.02	69.80	0.01	.993		

Table A2
Continued.

	Harsh discipline						Sensitivity – free play						Sensitivity – naturalistic								
	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²
Pretest parenting	0.02	0.09		100.08	0.26	.793		0.37	0.10		108.03	3.85	.000		0.25	0.10		102.78	2.53	.013	
Pretest self-reported household chaos	-0.15	0.31		98.91	-0.48	.632		-0.14	0.47		99.83	-0.31	.761		-0.31	0.45		101.28	-0.70	.485	
Age participant	-0.01	0.03		101.58	-0.36	.717		0.00	0.04		104.16	0.04	.970		0.01	0.04		104.85	0.35	.727	
Age child	-0.04	0.05		100.92	-0.67	.506		0.05	0.08		105.29	0.58	.561		0.03	0.08		105.82	0.38	.707	
Participant education	-0.02	0.10		104.90	-0.17	.867		0.18	0.15		106.57	1.20	.233		0.32	0.14		103.08	2.26	.026	
Number of children	-0.07	0.16		93.33	-0.47	.640		0.16	0.24		97.67	0.68	.499		0.27	0.23		95.01	1.17	.244	
Perceived effectiveness	0.21	0.11		88.57	1.81	.073		0.00	0.17		95.81	0.02	.986		-0.08	0.16		95.64	-0.51	.609	
Therapeutic alliance	-0.16	0.18		85.28	-0.87	.387		-0.21	0.27		93.05	-0.79	.431		0.19	0.25		96.99	0.74	.463	

Note. A negative change in self-reported household chaos indicates that self-reported household chaos decreased from pretest to posttest.

Table A3 Multiple regression analyses to predict posttest parenting by change in self-reported household chaos, interaction with self-regulation, and covariates.

	Harsh discipline						Sensitivity – free play						Sensitivity – naturalistic									
	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²	
Step 1							0.06							0.19								0.18
Intercept	4.85	1.90		101.21	2.55	.012		1.82	2.74		102.44	0.66	.509		1.28	2.68		102.92	0.48	.635		
Change self-reported household chaos*	-0.03	0.30	-0.01	96.06	-0.10	.923		-0.50	0.46	-0.11	98.51	-1.10	.276		-0.41	0.44	-0.10	94.13	-0.94	.351		
Self-regulation	0.00	0.10	0.00	106.03	0.00	.997		0.00	0.16	0.00	94.34	-0.03	.977		-0.21	0.15	-0.13	102.84	-1.45	.151		
Pretest parenting	0.03	0.09		101.45	0.28	.784		0.37	0.10		108.91	3.85	.000		0.25	0.10		103.21	2.53	.013		
Pretest self-reported household chaos	-0.11	0.29		104.00	-0.38	.708		-0.11	0.45		104.13	-0.25	.800		-0.44	0.42		103.20	-1.03	.304		
Age participant	-0.01	0.02		103.83	-0.35	.730		0.00	0.04		105.68	0.12	.902		0.02	0.04		105.53	0.43	.666		
Age child	-0.03	0.05		103.86	-0.59	.557		0.05	0.08		106.28	0.56	.579		0.04	0.08		105.21	0.51	.610		
Participant education	-0.01	0.10		104.93	-0.12	.902		0.18	0.15		106.58	1.23	.220		0.34	0.14		103.18	2.42	.017		
Number of children	-0.09	0.14		101.17	-0.60	.552		0.13	0.22		103.56	0.58	.566		0.27	0.21		100.74	1.29	.201		

Table A3
Continued.

	Harsh discipline							Sensitivity – free play							Sensitivity – naturalistic						
	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²
Perceived effectiveness	0.21	0.11		88.93	1.82	.073		0.02	0.17		96.11	0.12	.907		-0.08	0.16		96.95	-0.47	.639	
Therapeutic alliance	-0.15	0.18		86.62	-0.83	.409		-0.20	0.27		94.03	-0.75	.456		0.14	0.25		98.91	0.56	.577	
Step 2							0.12							0.20							0.19
Intercept	3.84	1.92		97.98	2.00	.048		1.74	2.80		100.28	0.62	.536		1.59	2.71		101.82	0.58	.560	
Change	0.05	0.30	0.02	91.70	0.18	.857		-0.50	0.47	-0.11	96.33	-1.06	.291		-0.45	0.45	-0.11	92.19	-1.00	.318	
self-reported household chaos*																					
Self-regulation	0.00	0.10	0.00	100.27	-0.01	.994		0.00	0.16	0.00	93.99	-0.03	.976		-0.21	0.15	-0.13	103.23	-1.45	.149	
Change	0.72	0.30	0.00	87.12	2.42	.018		0.08	0.46	0.00	92.01	0.16	.872		-0.34	0.42	-0.05	98.04	-0.80	.424	
self-reported household chaos*Self-regulation																					
Pretest	0.06	0.09		99.07	0.68	.498		0.37	0.10		107.98	3.83	.000		0.25	0.10		101.91	2.57	.012	
parenting																					
Pretest	-0.05	0.28		101.48	-0.18	.861		-0.11	0.46		102.25	-0.24	.814		-0.47	0.43		102.26	-1.10	.273	
self-reported household chaos																					

Table A3
Continued.

	Harsh discipline						Sensitivity - free play						Sensitivity - naturalistic								
	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²
Age participant	0.00	0.02		101.13	-0.03	.973		0.01	0.04		104.54	0.14	.887		0.01	0.04		103.69	0.35	.725	
Age child	-0.03	0.05		102.44	-0.50	.622		0.05	0.08		105.38	0.56	.576		0.04	0.08		104.26	0.50	.621	
Participant education	0.00	0.09		102.65	-0.06	.955		0.18	0.15		105.79	1.23	.222		0.34	0.14		102.13	2.41	.018	
Number of children	-0.05	0.14		99.02	-0.38	.703		0.13	0.22		102.89	0.59	.559		0.26	0.21		99.46	1.22	.227	
Perceived effectiveness	0.19	0.11		88.35	1.68	.096		0.02	0.17		95.46	0.11	.914		-0.07	0.16		95.62	-0.42	.677	
Therapeutic alliance	-0.08	0.18		82.83	-0.42	.676		-0.19	0.27		92.14	-0.71	.482		0.10	0.25		97.62	0.42	.677	

Note. A negative change in self-reported household chaos indicates that self-reported household chaos decreased from pretest to posttest.

Table A4
Multiple regression analyses to predict posttest parenting by change in clutter, interaction with SPS: ATQ-OS, and covariates.

	Harsh discipline						Sensitivity - free play						Sensitivity - naturalistic									
	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²	
<i>Step 1</i>							0.07							0.2								0.2
Intercept	4.35	1.76		101.15	2.47	.015		0.95	2.46		101.45	0.38	.701		-0.21	2.43		98.43	-0.09	.930		
Change in clutter	0.23	0.30	0.09	94.85	0.76	.448		0.56	0.44	0.13	102.52	1.26	.211		0.68	0.42	0.17	96.99	1.61	.110		
SPS: ATQ-OS	-0.03	0.10	-0.03	99.42	-0.31	.755		0.01	0.16	0.01	101.58	0.08	.937		0.08	0.14	0.05	103.92	0.54	.592		
Pretest parenting	0.03	0.09		101.80	0.37	.714		0.38	0.10		109.32	4.02	.000		0.26	0.10		103.51	2.70	.008		
Pretest clutter	0.08	0.26		106.06	0.33	.745		-0.16	0.39		108.51	-0.40	.687		-0.14	0.37		106.03	-0.38	.706		
Age participant	-0.01	0.03		103.21	-0.37	.715		0.00	0.04		104.42	0.09	.925		0.01	0.04		103.89	0.24	.813		
Age child	-0.02	0.05		103.36	-0.36	.718		0.06	0.08		106.00	0.70	.485		0.05	0.08		104.88	0.69	.493		
Participant education	-0.02	0.09		105.87	-0.16	.869		0.20	0.15		107.65	1.38	.172		0.32	0.14		102.17	2.32	.023		
Number of children	-0.10	0.14		99.66	-0.76	.448		0.11	0.20		103.89	0.53	.597		0.24	0.20		98.55	1.25	.215		
Perceived effectiveness	0.19	0.11		89.27	1.67	.098		0.01	0.17		95.33	0.08	.933		-0.11	0.16		94.86	-0.70	.487		
Therapeutic alliance	-0.12	0.18		87.66	-0.69	.494		-0.13	0.26		95.95	-0.48	.631		0.30	0.25		94.55	1.19	.238		
<i>Step 2</i>							0.07							0.2							0.2	
Intercept	4.42	1.77		100.79	2.50	.014		0.95	2.48		100.83	0.38	.703		-0.44	2.48		97.85	-0.18	.861		

Table A4
Continued.

	Harsh discipline						Sensitivity - free play						Sensitivity - naturalistic								
	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²
Change in clutter	0.19	0.30	0.07	94.23	0.61	.544		0.56	0.46	0.13	100.60	1.22	.226		0.74	0.44	0.18	95.78	1.68	.096	
SPS: AT0-OS	-0.04	0.10	-0.04	99.21	-0.36	.716		0.01	0.16	0.01	99.96	0.08	.940		0.08	0.15	0.05	102.18	0.56	.574	
Change in clutter*SPS: AT0-OS	0.15	0.25	-0.02	102.48	0.60	.551		0.01	0.39	0.00	98.55	0.02	.980		-0.18	0.39	0.02	92.14	-0.46	.643	
Pretest parenting	0.04	0.09		100.56	0.40	.686		0.38	0.10		108.10	3.98	.000		0.27	0.10		102.54	2.72	.008	
Pretest clutter	0.07	0.26		105.34	0.27	.789		-0.16	0.40		107.24	-0.40	.687		-0.13	0.37		105.05	-0.34	.736	
Age participant	-0.01	0.03		102.17	-0.34	.734		0.00	0.04		103.42	0.09	.925		0.01	0.04		103.05	0.23	.817	
Age child	-0.02	0.05		103.00	-0.45	.656		0.06	0.08		104.79	0.69	.492		0.06	0.08		103.31	0.76	.452	
Participant education	-0.02	0.09		105.14	-0.18	.855		0.20	0.15		106.83	1.37	.175		0.32	0.14		100.92	2.30	.023	
Number of children	-0.11	0.14		98.68	-0.79	.434		0.11	0.21		103.04	0.53	.599		0.25	0.20		97.55	1.27	.206	
Perceived effectiveness	0.19	0.11		89.35	1.68	.096		0.02	0.17		94.57	0.09	.931		-0.11	0.16		94.15	-0.69	.491	
Therapeutic alliance	-0.12	0.18		88.40	-0.69	.493		-0.13	0.27		95.27	-0.48	.632		0.30	0.25		94.16	1.20	.234	

Note. A negative change in clutter indicates that clutter decreased from pretest to posttest.

Table A5
Multiple regression analyses to predict posttest parenting by change in clutter, interaction with SPS: NSS, and covariates.

	Harsh discipline						Sensitivity – free play						Sensitivity – naturalistic										
	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²		
Step 1							0.07							0.21									0.2
Intercept	4.41	1.80		99.47	2.45	.016		1.05	2.49		101.48	0.42	.673		-0.59	2.46		98.23	-0.24	.810			
Change in clutter	0.22	0.30	0.09	94.32	0.74	.460		0.55	0.44	0.13	102.75	1.23	.221		0.72	0.42	0.18	96.14	1.69	.094			
SPS: NSS	0.00	0.12	0.00	74.10	0.03	.977		0.05	0.17	0.03	84.64	0.30	.767		-0.14	0.16	-0.09	86.01	-0.90	.373			
Pretest parenting	0.03	0.09		101.24	0.32	.747		0.38	0.10		109.15	4.01	.000		0.26	0.10		101.98	2.75	.007			
Pretest clutter	0.08	0.26		106.36	0.32	.752		-0.15	0.39		108.36	-0.39	.696		-0.15	0.37		105.49	-0.40	.693			
Age participant	-0.01	0.03		102.39	-0.39	.696		0.00	0.04		104.17	0.06	.952		0.02	0.04		103.70	0.40	.687			
Age child	-0.02	0.05		102.92	-0.41	.684		0.06	0.08		105.74	0.70	.483		0.06	0.08		105.37	0.76	.447			
Participant education	-0.02	0.09		106.01	-0.17	.869		0.20	0.15		107.25	1.34	.185		0.33	0.14		102.65	2.38	.019			
Number of children	-0.10	0.14		96.57	-0.74	.463		0.12	0.21		101.80	0.58	.562		0.21	0.20		95.54	1.05	.298			

Table A5
Continued.

	Harsh discipline						Sensitivity - free play						Sensitivity - naturalistic								
	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²
Perceived effectiveness	0.19	0.12		89.20	1.67	.099	0.00	0.17		95.55	0.03	.976		-0.09	0.16		94.93	-0.56	.574		
Therapeutic alliance	-0.12	0.18		87.17	-0.66	.513	-0.14	0.26		95.84	-0.52	.606		0.29	0.25		94.02	1.19	.239		
Step 2							0.08					0.21									0.2
Intercept	4.35	1.80		98.89	2.43	.017	1.10	2.51		99.34	0.44	.663		-0.61	2.48		97.01	-0.24	.807		
Change in clutter	0.27	0.30	0.11	93.71	0.90	.369	0.50	0.45	0.12	100.97	1.11	.269		0.72	0.43	0.18	95.24	1.68	.097		
SFS: NSS	0.02	0.12	0.02	74.64	0.18	.859	0.03	0.18	0.02	85.60	0.18	.855		-0.14	0.16	-0.09	88.81	-0.88	.363		
Change in clutter*SPS: NSS	0.34	0.29	0.01	87.14	1.17	.246	-0.34	0.46	0.01	82.78	-0.74	.463		0.05	0.43	-0.03	82.14	0.11	.909		
Pretest parenting	0.03	0.09		99.79	0.31	.757	0.38	0.10		108.06	3.97	.000		0.26	0.10		101.08	2.73	.007		
Pretest clutter	0.07	0.26		104.91	0.29	.773	-0.15	0.39		107.24	-0.37	.711		-0.15	0.37		104.74	-0.39	.695		

Table A5
Continued.

	Harsh discipline						Sensitivity – free play						Sensitivity – naturalistic								
	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²
Age participant	-0.01	0.03		100.53	-0.43	.667		0.00	0.04		103.33	0.10	.923		0.01	0.04		102.36	0.40	.694	
Age child	-0.02	0.05		102.21	-0.34	.738		0.05	0.08		104.04	0.66	.511		0.06	0.08		104.35	0.76	.447	
Participant education	-0.02	0.09		105.19	-0.17	.869		0.20	0.15		106.52	1.34	.182		0.33	0.14		101.78	2.37	.020	
Number of children	-0.09	0.14		96.52	-0.62	.535		0.11	0.21		101.76	0.50	.615		0.22	0.20		95.49	1.06	.291	
Perceived effectiveness	0.19	0.12		88.69	1.67	.098		0.00	0.17		94.57	0.02	.980		-0.09	0.16		94.29	-0.57	.568	
Therapeutic alliance	-0.12	0.18		87.02	-0.69	.492		-0.13	0.26		96.01	-0.49	.624		0.30	0.25		92.73	1.19	.238	

Note. A negative change in clutter indicates that clutter decreased from pretest to posttest.

Table A6 Multiple regression analyses to predict posttest parenting by change in clutter, interaction with self-regulation, and covariates.

	Harsh discipline					Sensitivity - free play					Sensitivity - naturalistic										
	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²
	Step 1																				
Intercept	4.38	1.77		101.42	2.47	.015	0.07	1.00	2.48		101.78	0.40	.886	0.20	-0.59	2.45		97.62	-0.24	.812	0.20
Change in clutter	0.22	0.30	0.09	94.50	0.76	.451		0.56	0.44	0.13	102.14	1.26	.210		0.66	0.42	0.16	96.56	1.55	.124	
Self-regulation	0.01	0.10	0.01	105.47	0.09	.925		0.02	0.16	0.01	93.51	0.14	.888		-0.17	0.14	-0.11	103.05	-1.18	.240	
Pretest parenting	0.03	0.09		101.20	0.33	.742		0.38	0.10		109.28	4.02	.000		0.26	0.10		102.85	2.75	.007	
Pretest clutter	0.08	0.26		106.07	0.31	.758		-0.16	0.39		108.26	-0.40	.690		-0.12	0.37		105.87	-0.32	.747	
Age participant	-0.01	0.03		103.31	-0.40	.687		0.00	0.04		104.96	0.08	.933		0.02	0.04		104.30	0.40	.687	
Age child	-0.02	0.05		103.58	-0.39	.695		0.06	0.08		105.78	0.69	.494		0.06	0.08		104.46	0.84	.401	
Participant education	-0.02	0.10		105.39	-0.16	.874		0.20	0.15		106.62	1.33	.186		0.34	0.14		101.86	2.42	.017	
Number of children	-0.10	0.14		100.29	-0.75	.456		0.11	0.21		103.48	0.55	.581		0.22	0.20		99.16	1.10	.275	
Perceived effectiveness	0.19	0.11		89.24	1.66	.100		0.01	0.17		94.97	0.07	.947		-0.10	0.16		95.37	-0.62	.533	
Therapeutic alliance	-0.11	0.18		88.12	-0.64	.526		-0.13	0.26		95.30	-0.48	.629		0.26	0.24		96.08	1.06	.293	
Step 2																					
Intercept	4.38	1.78		100.61	2.46	.016	0.07	1.00	2.49		100.79	0.40	.690	0.21	-0.67	2.44		96.66	-0.27	.785	0.22

Table A6
Continued.

	Harsh discipline						Sensitivity – free play						Sensitivity – naturalistic									
	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²	
Change in clutter	0.22	0.30	0.09	94.02	0.75	.455		0.56	0.44	0.13	101.41	1.26	.211		0.67	0.42	0.17	95.46	1.58	.117		
Self-regulation	0.00	0.10	0.00	104.85	0.04	.971		0.03	0.17	0.02	87.82	0.19	.850		-0.11	0.15	-0.07	103.60	-0.76	.448		
Change in clutter*Self-regulation	0.06	0.27	0.00	104.84	0.21	.837		-0.11	0.44	0.01	90.37	-0.26	.795		-0.57	0.38	-0.03	105.58	-1.50	.136		
Pretest parenting	0.03	0.09		100.41	0.33	.740		0.38	0.10		108.38	4.01	.000		0.28	0.10		102.14	2.93	.004		
Pretest clutter	0.08	0.26		105.10	0.29	.773		-0.15	0.40		107.31	-0.37	.711		-0.08	0.37		105.05	-0.23	.820		
Age participant	-0.01	0.03		102.16	-0.42	.673		0.00	0.04		104.15	0.12	.909		0.02	0.04		102.78	0.58	.565		
Age child	-0.02	0.05		102.69	-0.40	.688		0.06	0.08		104.61	0.70	.483		0.07	0.08		102.36	0.88	.381		
Participant education	-0.01	0.10		104.29	-0.13	.894		0.19	0.15		104.55	1.28	.204		0.31	0.14		100.90	2.23	.028		
Number of children	-0.10	0.14		99.41	-0.73	.467		0.11	0.21		102.74	0.53	.595		0.20	0.20		98.39	1.04	.300		
Perceived effectiveness	0.19	0.12		88.29	1.66	.100		0.01	0.17		93.87	0.05	.960		-0.11	0.16		94.20	-0.69	.494		
Therapeutic alliance	-0.11	0.18		87.73	-0.62	.540		-0.13	0.26		94.99	-0.50	.619		0.24	0.24		96.34	0.97	.335		

Note. A negative change in clutter indicates that clutter decreased from pretest to posttest.

Table A7 Multiple regression analyses to predict posttest parenting by change in noise, interaction with SPS: ATQ-OS, and covariates.

	Harsh discipline						Sensitivity - free play						Sensitivity - naturalistic									
	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²	
<i>Step 1</i>							0.11							0.19								0.17
Intercept	3.60	1.87		102.28	1.93	.057		1.33	2.77		101.59	0.48	.634		0.51	2.73		99.78	0.19	.852		
Change in noise	0.04	0.02	0.30	84.41	1.80	.076		-0.01	0.03	-0.03	81.14	-0.16	.871		-0.02	0.03	-0.08	86.25	-0.52	.601		
SPS: ATQ-OS	-0.01	0.10	-0.01	95.60	-0.11	.911		-0.01	0.16	0.00	102.53	-0.04	.966		0.05	0.15	0.03	104.91	0.34	.734		
Pretest parenting	0.04	0.09		98.68	0.48	.632		0.37	0.10		107.50	3.75	.000		0.24	0.10		103.90	2.50	.014		
Pretest noise	0.02	0.02		92.25	0.82	.417		0.01	0.04		89.53	0.24	.814		0.01	0.03		88.86	0.17	.862		
Age participant	-0.01	0.02		102.27	-0.32	.752		0.01	0.04		105.12	0.15	.883		0.01	0.04		104.44	0.32	.752		
Age child	-0.01	0.05		103.59	-0.18	.861		0.03	0.08		105.36	0.36	.717		0.01	0.08		106.45	0.17	.865		
Participant education	-0.01	0.09		104.19	-0.11	.915		0.20	0.15		107.91	1.35	.179		0.32	0.14		104.00	2.28	.025		
Number of children	-0.13	0.14		93.92	-0.93	.356		0.06	0.22		99.12	0.25	.806		0.19	0.21		96.48	0.87	.386		
Perceived effectiveness	0.18	0.11		86.22	1.62	.108		0.04	0.17		96.20	0.26	.797		-0.07	0.16		95.01	-0.44	.665		
Therapeutic alliance	-0.19	0.18		83.86	-1.05	.297		-0.18	0.27		95.13	-0.65	.516		0.24	0.25		95.35	0.96	.339		
<i>Step 2</i>							0.11							0.20								0.18
Intercept	3.59	1.88		101.29	1.91	.059		1.38	2.77		100.74	0.50	.619		0.57	2.75		98.69	0.21	.836		
Change in noise	0.04	0.02	0.30	83.77	1.80	.075		0.00	0.04	-0.02	78.60	-0.12	.901		-0.02	0.03	-0.08	84.46	-0.51	.609		

Table A7
Continued.

	Harsh discipline					Sensitivity – free play					Sensitivity – naturalistic										
	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²
SPS: ATQ-OS	-0.01	0.10	-0.01	94.28	-0.12	.907		0.00	0.16	0.00	101.17	-0.02	.984		0.05	0.15	0.03	103.60	0.36	.722	
Change in noise*SPS: ATQ-OS	0.00	0.01	-0.10	81.38	0.39	.697		0.02	0.02	-0.02	96.78	1.06	.292		0.01	0.02	0.29	90.28	0.39	.697	
Pretest parenting	0.05	0.09		97.52	0.51	.610		0.38	0.10		105.94	3.80	.000		0.24	0.10		102.47	2.42	.017	
Pretest noise	0.02	0.02		91.45	0.79	.431		0.01	0.04		87.73	0.18	.859		0.00	0.03		87.56	0.15	.881	
Age participant	-0.01	0.02		100.63	-0.29	.774		0.01	0.04		104.35	0.21	.837		0.01	0.04		103.23	0.34	.736	
Age child	-0.01	0.05		102.84	-0.15	.881		0.03	0.08		104.80	0.39	.695		0.01	0.08		105.63	0.18	.855	
Participant education	-0.01	0.09		103.22	-0.13	.898		0.19	0.15		106.56	1.26	.211		0.32	0.14		103.38	2.25	.027	
Number of children	-0.13	0.15		92.51	-0.89	.375		0.07	0.23		96.53	0.31	.754		0.19	0.22		95.51	0.89	.375	
Perceived effectiveness	0.18	0.11		85.07	1.59	.115		0.04	0.17		94.93	0.21	.837		-0.07	0.16		94.14	-0.46	.649	
Therapeutic alliance	-0.19	0.18		82.69	-1.05	.298		-0.18	0.27		93.98	-0.66	.510		0.24	0.25		94.93	0.95	.346	

Note. A negative change in noise indicates that noise decreased from pretest to posttest.

Table A8 Multiple regression analyses to predict posttest parenting by change in noise, interaction with SPS: NSS, and covariates.

	Harsh discipline						Sensitivity – free play						Sensitivity – naturalistic									
	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²	
<i>Step 1</i>							0.11							0.19								
Intercept	3.65	1.90		100.86	1.92	.058		1.53	2.80		101.88	0.55	.586		0.19	2.76		99.73	0.07	.945		0.18
Change in noise	0.04	0.02	0.30	83.56	1.78	.078		-0.01	0.03	-0.03	81.13	-0.19	.848		-0.02	0.03	-0.08	86.28	-0.48	.630		
SPS: NSS	0.00	0.12	0.00	72.79	0.00	.998		0.08	0.17	0.05	86.76	0.49	.625		-0.10	0.16	-0.06	88.80	-0.62	.534		
Pretest parenting	0.04	0.09		98.14	0.46	.648		0.37	0.10		107.19	3.75	.000		0.25	0.10		103.27	2.53	.013		
Pretest noise	0.02	0.02		91.81	0.81	.420		0.01	0.04		89.69	0.20	.838		0.01	0.03		89.66	0.24	.811		
Age participant	-0.01	0.02		101.21	-0.32	.748		0.00	0.04		104.83	0.08	.938		0.02	0.04		104.46	0.43	.667		
Age child	-0.01	0.05		103.12	-0.21	.836		0.03	0.08		105.13	0.36	.719		0.02	0.08		106.50	0.21	.835		
Participant education	-0.01	0.09		104.45	-0.12	.907		0.19	0.15		107.44	1.30	.196		0.32	0.14		104.38	2.32	.022		
Number of children	-0.13	0.15		89.70	-0.88	.379		0.08	0.23		97.13	0.35	.727		0.16	0.22		94.22	0.71	.479		
Perceived effectiveness	0.18	0.11		86.40	1.61	.110		0.03	0.17		96.52	0.17	.865		-0.05	0.16		94.88	-0.33	.740		
Therapeutic alliance	-0.18	0.17		84.13	-1.06	.293		-0.18	0.26		95.03	-0.67	.504		0.24	0.25		96.12	0.95	.342		
<i>Step 2</i>							0.11							0.19								

Table A8
Continued.

	Harsh discipline						Sensitivity – free play						Sensitivity – naturalistic								
	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²
Intercept	3.64	1.91		100.06	1.91	.059		1.54	2.82		100.97	0.55	.586		0.30	2.78		98.03	0.11	.915	
Change in noise	0.04	0.02	0.30	82.19	1.78	.079		-0.01	0.03	-0.03	81.63	-0.18	.854		-0.01	0.03	-0.07	87.35	-0.44	.657	
SPS: NSS	0.00	0.12	0.00	72.95	0.01	.993		0.09	0.17	0.05	86.91	0.50	.619		-0.09	0.16	-0.06	86.82	-0.54	.589	
Change in noise*SPS: NSS	0.00	0.01	0.01	71.75	0.06	.948		0.00	0.02	0.42	83.62	0.08	.933		0.01	0.02	-0.46	69.49	0.52	.606	
Pretest parenting	0.04	0.09		96.42	0.47	.640		0.37	0.10		106.34	3.66	.000		0.24	0.10		101.60	2.41	.018	
Pretest noise	0.02	0.02		90.51	0.81	.422		0.01	0.04		88.44	0.20	.841		0.01	0.03		88.70	0.20	.839	
Age participant	-0.01	0.02		99.96	-0.32	.750		0.00	0.04		103.78	0.06	.949		0.01	0.04		103.39	0.36	.722	
Age child	-0.01	0.05		101.60	-0.20	.841		0.03	0.08		103.67	0.36	.717		0.02	0.08		105.24	0.25	.802	
Participant education	-0.01	0.09		103.28	-0.12	.906		0.19	0.15		106.37	1.30	.198		0.32	0.14		103.06	2.29	.024	
Number of children	-0.13	0.15		88.30	-0.86	.391		0.08	0.24		94.41	0.35	.727		0.18	0.23		91.64	0.78	.440	
Perceived effectiveness	0.18	0.12		85.62	1.61	.111		0.03	0.17		95.68	0.17	.863		-0.06	0.16		93.52	-0.34	.738	
Therapeutic alliance	-0.18	0.18		83.80	-1.06	.294		-0.18	0.27		93.70	-0.66	.512		0.24	0.25		94.67	0.96	.337	

Note. A negative change in noise indicates that noise decreased from pretest to posttest.

Table A9 Multiple regression analyses to predict posttest parenting by change in noise, interaction with self-regulation, and covariates.

	Harsh discipline						Sensitivity – free play						Sensitivity – naturalistic								
	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²
<i>Step 1</i>						0.10							0.19								0.19
Intercept	3.66	1.88		102.38	1.94	.055	1.30	2.80		101.36	0.46	.643		-0.02	2.73		99.17	-0.01	.995		
Change in noise	0.04	0.02	0.30	84.22	1.80	.076	-0.01	0.03	-0.03	81.53	-0.16	.870		-0.02	0.03	-0.09	84.48	-0.58	.565		
Self-regulation	0.02	0.10	0.02	104.85	0.17	.865	-0.01	0.16	0.00	92.68	-0.04	.969		-0.21	0.15	-0.13	102.60	-1.43	.157		
Pretest parenting	0.04	0.09		97.85	0.46	.646	0.37	0.10		107.39	3.74	.000		0.24	0.10		103.51	2.52	.013		
Pretest noise	0.02	0.02		92.42	0.81	.420	0.01	0.04		89.54	0.23	.815		0.01	0.03		86.86	0.20	.838		
Age participant	-0.01	0.02		102.59	-0.35	.729	0.01	0.04		105.62	0.15	.881		0.02	0.04		104.62	0.50	.617		
Age child	-0.01	0.05		103.38	-0.20	.840	0.03	0.08		105.16	0.37	.712		0.03	0.08		105.39	0.35	.726		
Participant education	-0.01	0.09		103.67	-0.12	.903	0.20	0.15		106.76	1.34	.183		0.34	0.14		103.45	2.44	.016		
Number of children	-0.13	0.15		94.56	-0.90	.373	0.06	0.23		98.88	0.24	.807		0.15	0.21		96.71	0.69	.491		
Perceived effectiveness	0.18	0.11		86.27	1.60	.113	0.04	0.17		95.50	0.26	.800		-0.05	0.16		95.48	-0.33	.741		
Therapeutic alliance	-0.18	0.17		84.70	-1.04	.302	-0.17	0.26		94.53	-0.65	.518		0.21	0.25		96.58	0.85	.396		
<i>Step 2</i>						0.12															
Intercept	2.94	1.98		98.30	1.49	.140	1.04	2.92		97.16	0.36	.721		0.68	2.77		97.65	0.25	.806		
Change in noise	0.04	0.02	0.32	82.53	1.93	.057	0.00	0.03	-0.02	81.09	-0.14	.893		-0.02	0.03	-0.11	82.98	-0.69	.491		

Table A9
Continued.

	Harsh discipline					Sensitivity – free play					Sensitivity – naturalistic											
	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²	
Self-regulation	-0.01	0.10	-0.01	101.79	-0.13	.898		-0.02	0.18	-0.01	84.46	-0.14	.891		-0.16	0.15	-0.10	101.15	-1.06	.291		
Change in noise*Self-regulation	0.02	0.01	-0.12	88.57	1.26	.212		0.01	0.02	-0.13	75.86	0.37	.715		-0.02	0.02	-0.93	97.69	-1.43	.156		
Pretest parenting	0.07	0.10		95.29	0.73	.467		0.37	0.10		106.57	3.76	.000		0.26	0.10		101.60	2.67	.009		
Pretest noise	0.02	0.02		90.75	1.03	.305		0.01	0.04		87.31	0.29	.770		0.00	0.04		85.34	-0.05	.961		
Age participant	0.00	0.03		99.65	0.02	.980		0.01	0.04		101.05	0.24	.814		0.01	0.04		101.22	0.15	.880		
Age child	-0.01	0.05		102.04	-0.15	.884		0.03	0.08		104.39	0.37	.714		0.03	0.08		104.43	0.35	.727		
Participant education	0.01	0.10		100.88	0.08	.936		0.21	0.15		104.81	1.37	.175		0.31	0.14		101.56	2.22	.029		
Number of children	-0.15	0.15		93.17	-1.03	.307		0.05	0.23		97.32	0.21	.836		0.18	0.22		95.24	0.86	.392		
Perceived effectiveness	0.18	0.11		84.54	1.59	.115		0.05	0.17		94.69	0.27	.789		-0.06	0.16		93.94	-0.35	.724		
Therapeutic alliance	-0.20	0.18		81.79	-1.13	.262		-0.18	0.27		93.25	-0.67	.506		0.24	0.25		94.01	0.97	.334		

Note. A negative change in noise indicates that noise decreased from pretest to posttest.

Table A10 Multiple regression analyses to predict posttest parenting by change in family routines, interaction with SPS: ATQ-OS, and covariates.

	Harsh discipline						Sensitivity - free play						Sensitivity - naturalistic									
	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²	
<i>Step 1</i>							0.07							0.19							0.17	
Intercept	4.57	1.72		102.53	2.65	.009		1.68	2.44		101.91	0.69	.494		0.55	2.42		101.64	0.23	.819		
Change in family routines	0.00	0.18	0.00	86.36	-0.01	.990		-0.06	0.27	-0.03	91.77	-0.24	.814		-0.09	0.26	-0.04	85.93	-0.34	.737		
SPS: ATQ-OS	-0.03	0.10	-0.03	98.81	-0.27	.790		0.02	0.16	0.01	102.81	0.13	.895		0.08	0.15	0.05	105.65	0.58	.566		
Pretest parenting	0.03	0.10		99.78	0.33	.740		0.38	0.10		108.14	3.90	.000		0.26	0.10		103.65	2.72	.008		
Pretest family routines	-0.10	0.23		88.16	-0.46	.646		-0.33	0.34		95.47	-0.96	.339		-0.24	0.33		92.20	-0.74	.462		
Age participant	-0.01	0.02		103.24	-0.28	.784		0.01	0.04		104.71	0.15	.882		0.01	0.04		104.97	0.30	.763		
Age child	-0.03	0.05		105.21	-0.56	.580		0.03	0.08		105.88	0.41	.685		0.02	0.08		106.88	0.30	.764		
Participant education	-0.02	0.09		105.65	-0.21	.834		0.18	0.15		107.07	1.24	.218		0.31	0.14		103.45	2.18	.032		
Number of children	-0.10	0.13		100.16	-0.78	.434		0.08	0.20		104.13	0.40	.690		0.22	0.20		100.18	1.09	.276		
Perceived effectiveness	0.21	0.11		89.27	1.82	.071		0.04	0.17		96.99	0.23	.820		-0.09	0.16		95.72	-0.54	.590		
Therapeutic alliance	-0.15	0.18		87.31	-0.84	.401		-0.18	0.26		96.67	-0.68	.496		0.24	0.25		95.23	0.96	.338		
<i>Step 2</i>							0.08							0.19							0.17	

Table A10
Continued.

	Harsh discipline						Sensitivity – free play						Sensitivity – naturalistic								
	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²
Intercept	4.54	1.72		101.63	2.64	.010		1.67	2.46		101.05	0.68	.499		0.55	2.43		100.84	0.23	.821	
Change in family routines	0.01	0.18	0.00	85.33	0.04	.969		-0.06	0.27	-0.03	91.08	-0.23	.817		-0.09	0.26	-0.04	84.69	-0.34	.733	
SPS: ATQ-OS	-0.02	0.10	-0.02	97.87	-0.19	.852		0.02	0.16	0.01	101.97	0.13	.895		0.08	0.15	0.05	104.38	0.56	.575	
Change in family routines*SPS: ATQ-OS	0.12	0.14	-0.02	84.50	0.91	.367		0.00	0.20	0.01	96.05	-0.02	.986		-0.03	0.20	0.04	92.53	-0.15	.880	
Pretest parenting routines	0.04	0.10		98.90	0.41	.683		0.38	0.10		107.10	3.88	.000		0.26	0.10		102.89	2.69	.008	
Pretest family routines	-0.09	0.23		86.48	-0.37	.711		-0.33	0.34		94.73	-0.96	.342		-0.25	0.33		90.68	-0.75	.458	
Age participant	-0.01	0.02		102.27	-0.35	.726		0.01	0.04		103.74	0.15	.882		0.01	0.04		103.87	0.32	.752	
Age child	-0.03	0.05		103.15	-0.54	.591		0.03	0.08		104.91	0.41	.685		0.02	0.08		105.86	0.30	.766	
Participant education	-0.01	0.09		104.70	-0.14	.886		0.18	0.15		106.16	1.23	.221		0.31	0.14		102.51	2.16	.033	
Number of children	-0.09	0.13		99.39	-0.70	.487		0.08	0.21		102.98	0.39	.697		0.21	0.20		99.19	1.07	.288	
Perceived effectiveness	0.21	0.11		87.82	1.85	.067		0.04	0.17		96.08	0.23	.820		-0.09	0.16		95.13	-0.55	.586	
Therapeutic alliance	-0.15	0.18		85.76	-0.88	.383		-0.18	0.26		95.97	-0.67	.502		0.24	0.25		94.16	0.97	.336	

Note. A negative change in family routines indicates that family routines decreased from pretest to posttest.

Table A11
Multiple regression analyses to predict posttest parenting by change in family routines, interaction with SPS: NSS, and covariates.

	Harsh discipline						Sensitivity – free play						Sensitivity – naturalistic									
	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²	
<i>Step 1</i>							0.07							0.20								
Intercept	4.64	1.75		101.22	2.65	.009	1.85	2.47		102.07	0.75	.456	0.30	2.44		102.38	0.12					0.17
Change in family routines	0.00	0.18	0.00	85.96	-0.02	.987	-0.06	0.27	-0.02	92.14	-0.21	.837	-0.09	0.26	-0.04	86.59	-0.34					.738
SPS: NSS	0.01	0.12	0.01	74.16	0.10	.919	0.08	0.17	0.05	86.37	0.48	.633	-0.11	0.16	-0.07	87.21	-0.66					.508
Pretest parenting	0.03	0.09		99.34	0.29	.769	0.38	0.10		107.90	3.91	.000	0.27	0.10		103.00	2.76					.007
Pretest family routines	-0.11	0.23		88.06	-0.47	.641	-0.32	0.34		95.79	-0.95	.346	-0.23	0.33		92.32	-0.71					.477
Age participant	-0.01	0.03		102.56	-0.31	.757	0.00	0.04		104.45	0.10	.924	0.02	0.04		105.08	0.44					.660
Age child	-0.03	0.05		104.84	-0.60	.550	0.03	0.08		105.53	0.41	.681	0.03	0.08		107.15	0.35					.727
Participant education	-0.02	0.10		105.69	-0.22	.824	0.17	0.15		106.48	1.17	.243	0.31	0.14		103.73	2.20					.030
Number of children	-0.10	0.14		96.58	-0.74	.463	0.10	0.21		101.85	0.50	.619	0.19	0.20		97.36	0.94					.349
Perceived effectiveness	0.21	0.11		89.32	1.80	.075	0.02	0.17		97.03	0.14	.887	-0.07	0.16		95.52	-0.44					.661
Therapeutic alliance	-0.14	0.17		87.16	-0.83	.411	-0.19	0.26		96.39	-0.74	.464	0.23	0.25		96.12	0.93					.353
<i>Step 2</i>							0.08							0.20								

Table A11
Continued.

	Harsh discipline					Sensitivity – free play					Sensitivity – naturalistic									
	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p
Intercept	4.68	1.78		98.19	2.63	.010		1.86	2.48		101.38	0.75	.454		0.20	2.45		101.02	0.08	.936
Change in family routines	-0.01	0.18	-0.01	82.66	-0.05	.957		-0.05	0.27	-0.02	92.03	-0.18	.858		-0.12	0.26	-0.06	84.80	-0.45	.657
SPS: NSS	0.01	0.12	0.01	72.89	0.10	.923		0.08	0.17	0.05	85.60	0.49	.628		-0.10	0.16	-0.06	87.42	-0.65	.520
Change in family routines*SPS: NSS	-0.02	0.18	0.01	51.70	-0.09	.928		0.03	0.23	0.04	80.54	0.13	.895		-0.16	0.23	-0.05	70.02	-0.70	.489
Pretest parenting routines	0.02	0.10		99.00	0.26	.792		0.38	0.10		107.16	3.89	.000		0.27	0.10		101.64	2.79	.006
Pretest family routines	-0.09	0.23		85.01	-0.40	.690		-0.31	0.35		92.30	-0.90	.373		-0.25	0.33		89.14	-0.74	.459
Age participant	-0.01	0.03		101.89	-0.29	.771		0.00	0.04		103.51	0.09	.925		0.02	0.04		103.88	0.47	.636
Age child	-0.03	0.05		102.41	-0.61	.541		0.03	0.08		104.93	0.40	.690		0.03	0.08		105.85	0.38	.705
Participant education	-0.02	0.10		104.40	-0.23	.818		0.18	0.15		105.61	1.18	.241		0.30	0.14		102.83	2.16	.033
Number of children	-0.10	0.14		93.02	-0.71	.478		0.10	0.21		99.94	0.47	.640		0.21	0.20		95.86	1.00	.317
Perceived effectiveness	0.21	0.12		86.17	1.81	.073		0.02	0.17		95.25	0.12	.901		-0.05	0.17		93.22	-0.33	.744
Therapeutic alliance	-0.15	0.18		84.23	-0.86	.394		-0.19	0.26		95.27	-0.72	.470		0.22	0.25		95.68	0.89	.378

Note. A negative change in family routines indicates that family routines decreased from pretest to posttest.

Table A12 Multiple regression analyses to predict posttest parenting by change in family routines, interaction with self-regulation, and covariates.

	Harsh discipline					Sensitivity – free play					Sensitivity – naturalistic											
	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²	B	SD	β	Df	t/F	p	Adj. R ²	
<i>Step 1</i>							0.07							0.19								0.18
Intercept	4.60	1.74		102.72	2.64	.010		1.69	2.47		102.10	0.68	.495		0.08	2.45		100.00	0.03	.976		
Change in family routines	0.00	0.18	0.00	86.26	-0.01	.991		-0.06	0.27	-0.03	91.72	-0.22	.822		-0.12	0.26	-0.05	85.92	-0.45	.655		
Self-regulation	0.01	0.10	0.01	105.80	0.09	.927		0.01	0.17	0.00	92.18	0.04	.967		-0.20	0.15	-0.12	101.58	-1.34	.184		
Pretest parenting	0.03	0.10		99.10	0.30	.765		0.38	0.10		108.01	3.90	.000		0.27	0.10		103.10	2.76	.007		
Pretest family routines	-0.11	0.23		88.53	-0.48	.636		-0.32	0.34		95.83	-0.95	.342		-0.23	0.32		91.95	-0.71	.479		
Age participant	-0.01	0.02		103.47	-0.31	.758		0.01	0.04		105.37	0.16	.876		0.02	0.04		105.44	0.49	.628		
Age child	-0.03	0.05		105.16	-0.58	.562		0.03	0.08		105.51	0.41	.683		0.04	0.08		105.49	0.50	.616		
Participant education	-0.02	0.10		105.10	-0.21	.836		0.18	0.15		105.69	1.20	.232		0.33	0.14		102.83	2.31	.023		
Number of children	-0.10	0.14		100.86	-0.77	.441		0.08	0.21		104.04	0.41	.681		0.18	0.20		100.81	0.94	.348		
Perceived effectiveness	0.21	0.11		89.23	1.82	.072		0.04	0.17		96.71	0.22	.827		-0.08	0.16		96.46	-0.48	.632		
Therapeutic alliance	-0.14	0.17		88.01	-0.80	.423		-0.18	0.26		96.17	-0.70	.483		0.20	0.24		96.66	0.83	.410		
<i>Step 2</i>							0.07							0.20								0.19
Intercept	4.56	1.79		99.53	2.55	.012		1.37	2.53		99.53	0.54	.589		-0.23	2.51		96.31	-0.09	.977		

Table A12
Continued.

	Harsh discipline						Sensitivity – free play						Sensitivity – naturalistic					
	B	SD	β	Df	t/F	Adj. R ²	B	SD	β	Df	t/F	Adj. R ²	B	SD	β	Df	t/F	Adj. R ²
Change in family routines	0.00	0.18	0.00	82.82	-0.01	.991	-0.04	0.28	-0.02	88.19	-0.13	.895	-0.09	0.26	-0.04	86.28	-0.35	.728
Self-regulation	0.01	0.10	0.01	103.40	0.10	.924	0.02	0.17	0.01	88.29	0.11	.914	-0.18	0.15	-0.11	102.64	-1.20	.233
Change in family routines*Self-regulation	-0.01	0.18	0.01	66.81	-0.06	.952	-0.18	0.29	0.01	65.12	-0.61	.544	-0.18	0.25	-0.08	80.00	-0.74	.463
Pretest parenting routines	0.03	0.10	0.03	97.89	0.30	.763	0.38	0.10	0.10	106.34	3.89	.000	0.26	0.10	0.10	102.52	2.74	.007
Pretest family routines	-0.11	0.23	0.03	88.90	-0.48	.629	-0.33	0.34	0.10	94.22	-0.96	.338	-0.23	0.32	0.10	90.92	-0.72	.475
Age participant	-0.01	0.03	0.03	99.94	-0.28	.780	0.01	0.04	0.10	102.98	0.27	.790	0.02	0.04	0.10	102.86	0.60	.551
Age child	-0.03	0.05	0.03	103.85	-0.58	.562	0.04	0.08	0.10	104.37	0.46	.647	0.04	0.08	0.10	103.67	0.56	.577
Participant education	-0.02	0.10	0.03	104.02	-0.20	.846	0.18	0.15	0.10	104.75	1.20	.232	0.33	0.14	0.10	101.88	2.32	.022
Number of children	-0.10	0.14	0.03	100.39	-0.76	.447	0.08	0.21	0.10	102.83	0.41	.695	0.18	0.20	0.10	99.73	0.92	.361
Perceived effectiveness	0.21	0.11	0.03	88.64	1.80	.075	0.03	0.17	0.10	95.10	0.16	.870	-0.09	0.16	0.10	95.52	-0.55	.587
Therapeutic alliance	-0.14	0.17	0.03	87.70	-0.79	.434	-0.16	0.26	0.10	93.79	-0.61	.541	0.22	0.25	0.10	94.15	0.90	.372

Note. A negative change in family routines indicates that family routines decreased from pretest to posttest.

