

## Supplemental Materials

**Table 1. Descriptive Statistics by Diagnostic Group**

	<b>Comparisons</b>		<b>ASPD-only</b>		<b>MDD-only</b>		<b>Comorbid</b>	
	<i>n</i> = 38		<i>n</i> = 16		<i>n</i> = 26		<i>n</i> = 42	
	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%
Female	20	52.6%	8	50.0%	13	50.0%	20	47.6%
Male	18	47.4%	8	50.0%	13	50.0%	22	52.4%
Race								
Black	25	65.8%	11	68.8%	12	46.2%	25	59.5%
White	13	34.2%	5	31.3%	13	50.0%	15	35.7%
Other	0	0%	0	0%	1	3.8%	2	4.8%
Hispanic	5	13.2%	2	12.5%	8	30.8%	9	21.4%
Non-Hispanic	33	86.8%	14	87.5%	18	69.2%	33	78.6%
	<b>Comparisons</b>		<b>ASPD-only</b>		<b>MDD-only</b>		<b>Comorbid</b>	
	<i>M</i> ( <i>SD</i> )		<i>M</i> ( <i>SD</i> )		<i>M</i> ( <i>SD</i> )		<i>M</i> ( <i>SD</i> )	
Maternal Age (years)	24.08 (4.93)		25.10 (6.14)		24.41 (4.83)		25.97 (5.23)	
Maternal Education (years)	12.34 (1.98)		12.38 (1.856)		11.73 (1.28)		10.98 (1.60)	
Number of Children	1.89 (1.12)		2.25 (1.34)		2.58 (1.20)		2.64 (1.68)	
Income (in thousands \$USD)	21.80 (12.82)		23.40 (13.17)		16.67 (6.94)		18.70 (10.61)	
Maternal Efficacy (MEQ)	35.40 (2.87)		34.87 (2.95)		33.10 (3.41)		33.74 (4.07)	
Maternal Sensitivity (MBQ)	0.68 (0.25)		0.53 (0.42)		0.39 (0.47)		0.36 (0.41)	
Parenting Stress (PSI)	163.10 (32.87)		182.53 (25.90)		214.61 (39.63)		220.63 (46.14)	
Rejection-Invalidations (SCIPD)	2.24 (1.01)		3.00 (1.50)		2.50 (0.86)		3.40 (1.36)	
Coercive Control (SCIPD)	2.32 (1.22)		2.80 (1.61)		2.50 (0.86)		3.32 (1.50)	
Negative Affect (SCIPD)	2.72 (0.94)		3.20 (1.40)		2.90 (0.94)		3.71 (1.30)	
Child Withdrawn (SCIPD)	2.30 (1.64)		1.93 (1.39)		1.95 (1.25)		2.97 (1.70)	
Child Oppositionality (SCIPD)	1.72 (1.14)		1.60 (0.63)		1.73 (0.83)		2.32 (1.33)	
Child Externalizing (CBCL)	43.20 (10.0)		47.00 (9.64)		48.45 (11.40)		57.80 (12.40)	
Child Internalizing (CBCL)	44.6 (9.10)		49.60 (8.60)		49.10 (10.30)		57.60 (14.40)	
Depression Severity (BDI-II)	4.92 (3.45)		6.73 (3.0)		29.91 (8.82)		32.41 (10.20)	
Life Stress (PSI)	11.11 (9.82)		13.81 (9.33)		9.56 (6.17)		16.7 (11.22)	
Child Externalizing (ITSEA)	.42 (.21)		.65 (.34)		.51 (.32)		.67 (.35)	
Child Internalizing (ITSEA)	.35 (.16)		.32 (.13)		.41 (.15)		.44 (.21)	

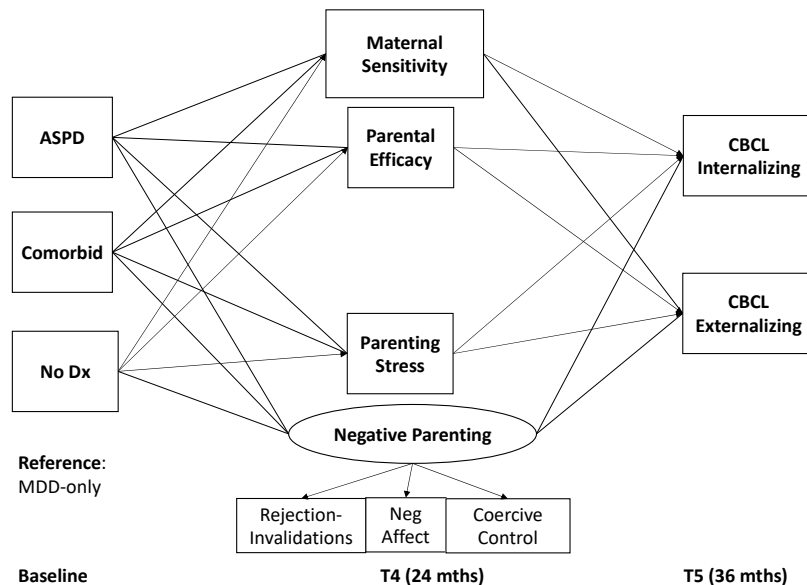
### Post-hoc analyses

Due to the lower factor loadings of the two observed child behaviors, which may bias estimates of indirect effects (Rhemtulla et al., 2020), we conducted post-hoc analyses to observe effects for each child outcome. Specifically, we specified models with each of the four child outcomes (SCIPD-Withdrawn, SCIPD-Oppositional, CBCL-Internalizing, CBCL-Externalizing) as manifest variables.

### CBCL models

Supplemental Figure 1 depicts model specification for CBCL models. Note that two versions of the model were estimated, one with maternal comorbid MDD/ASPD as the reference group (see Supplemental Table 1) and the second with maternal MDD as the reference group (see Supplemental Table 2). The CBCL model fit the data well,  $\chi^2(24) = 18.67, p = .77$ , RMSEA=.00 (90% CI: .00-.05), CFI=1.00, SRMR=.02.

**Supplemental Figure 1.**



*Notes.* Dummy variables are included as set, with scores of 1 representing the indicated psychopathology group for each respective code. The following are modeled but not depicted for visual clarity: direct paths from psychopathology groups to child outcomes; paths from covariates to all endogenous variables; residual correlations among all mediating variables.

**Supplemental Table 2.** CBCL model with maternal comorbid MDD/ASPD as reference group.

<b>Indirect Effects</b>	<b><math>\beta</math></b>	<b><i>p</i></b>	<b>95% CI</b>
Comorbid (v. ASPD)→ Sensitivity→ Internalizing	-.011	.60	-.064 - .017
Comorbid (v. ASPD)→ Maternal Efficacy→ Internalizing	-.013	.60	-.072 - .032
<b>Comorbid (v. ASPD)→ Parenting Stress→ Internalizing</b>	<b>-.068</b>	<b>.04</b>	<b>-.145 - -.010</b>
Comorbid (v. ASPD)→ Negative Parenting→ Internalizing	.003	.84	-.029 - .044
Comorbid (v. MDD)→ Sensitivity→ Internalizing	.000	.99	-.040 - .044
Comorbid (v. MDD)→ Maternal Efficacy→ Internalizing	.031	.71	-.027 - .100
Comorbid (v. MDD)→ Parenting Stress→ Internalizing	.011	.55	-.044 - .082
Comorbid (v. MDD)→ Negative Parenting→ Internalizing	.014	.22	-.019 - .073
Comorbid (v. No Dx)→ Sensitivity→ Internalizing	-.035	.22	-.102 - .017
Comorbid (v. No Dx)→ Maternal Efficacy→ Internalizing	-.035	.26	-.114 - .014
<b>Comorbid (v. No Dx)→ Parenting Stress→ Internalizing</b>	<b>-.131</b>	<b>.02</b>	<b>-.253 - -.032</b>
Comorbid (v. No Dx)→ Negative Parenting→ Internalizing	.021	.51	-.028 - .100
Comorbid (v. ASPD)→ Sensitivity→ Externalizing	-.016	.56	-.081 - .027
Comorbid (v. ASPD)→ Maternal Efficacy→ Externalizing	-.010	.61	-.057 - .025
<b>Comorbid (v. ASPD)→ Parenting Stress→ Externalizing</b>	<b>-.060</b>	<b>.07</b>	<b>-.133 - -.009</b>
Comorbid (v. ASPD)→ Negative Parenting→ Externalizing	-.002	.09	-.032 - .031
Comorbid (v. MDD)→ Sensitivity→ Externalizing	-.001	.99	-.057 - .064
Comorbid (v. MDD)→ Maternal Efficacy→ Externalizing	.023	.38	-.019 - .084
Comorbid (v. MDD)→ Parenting Stress→ Externalizing	.010	.71	-.038 - .069
Comorbid (v. MDD)→ Negative Parenting→ Externalizing	-.007	.74	-.045 - .040
Comorbid (v. No Dx)→ Sensitivity→ Externalizing	-.054	.12	-.137 - .000
Comorbid (v. No Dx)→ Maternal Efficacy→ Externalizing	-.027	.33	-.094 - .011
<b>Comorbid (v. No Dx)→ Parenting Stress→ Externalizing</b>	<b>-.115</b>	<b>.04</b>	<b>-.239 - -.023</b>
Comorbid (v. No Dx)→ Negative Parenting→ Externalizing	-.011	.22	-.071 - .062

Note: Bolded values indicate statistical significance. Confidence intervals that did not include the value of zero determined significant mediation.

**Supplemental Table 3.** CBCL model with maternal MDD as reference group.

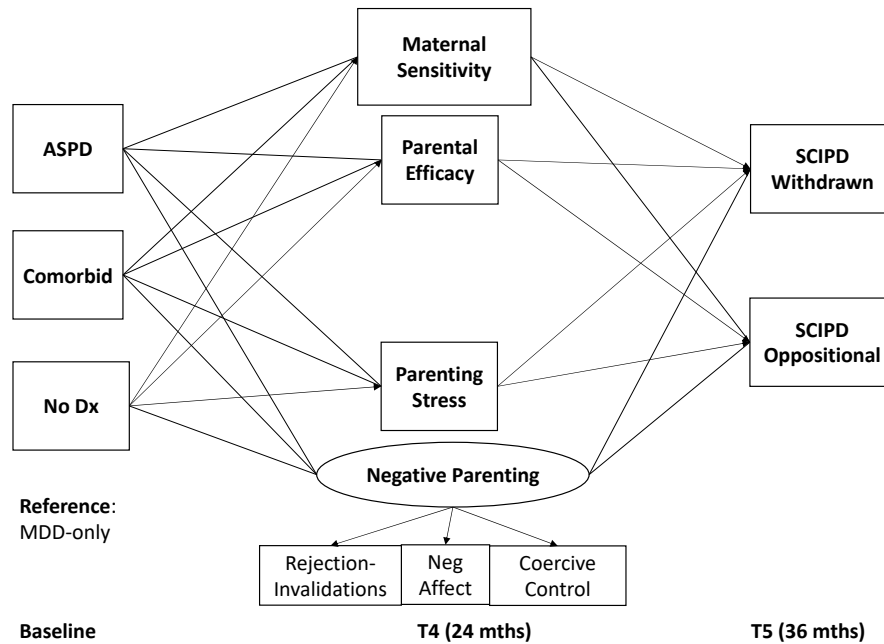
<b>Indirect Effects</b>	<b><math>\beta</math></b>	<b><i>p</i></b>	<b>95% CI</b>
MDD (v. ASPD)→ Sensitivity→ Internalizing	-.010	.64	-.071 - .018
MDD (v. ASPD)→ Maternal Efficacy→ Internalizing	-.039	.21	-.011 - .011
<b>MDD (v. ASPD)→ Parenting Stress→ Internalizing</b>	<b>-.078</b>	<b>.04</b>	<b>-.162 - -.014</b>
MDD (v. ASPD)→ Negative Parenting→ Internalizing	-.008	.69	-.063 - .020
MDD (v. Comorbid)→ Sensitivity→ Internalizing	.000	.99	-.051 - .047
MDD (v. Comorbid)→ Maternal Efficacy→ Internalizing	-.035	.33	-.115 - .033
MDD (v. Comorbid)→ Parenting Stress→ Internalizing	-.013	.72	-.098 - .050
MDD (v. Comorbid)→ Negative Parenting→ Internalizing	-.016	.55	-.091 - .022
MDD (v. No Dx)→ Sensitivity→ Internalizing	-.035	.25	-.105 - .013
<b>MDD (v. No Dx)→ Maternal Efficacy→ Internalizing</b>	<b>-.070</b>	<b>.08</b>	<b>-.162 - -.007</b>
<b>MDD (v. No Dx)→ Parenting Stress→ Internalizing</b>	<b>-.144</b>	<b>.02</b>	<b>-.277 - -.031</b>
MDD (v. No Dx)→ Negative Parenting→ Internalizing	.006	.70	-.016 - .044
MDD (v. ASPD)→ Sensitivity→ Externalizing	-.016	.60	-.093 - .028
MDD (v. ASPD)→ Maternal Efficacy→ Externalizing	-.029	.27	-.090 - .009
<b>MDD (v. ASPD)→ Parenting Stress→ Externalizing</b>	<b>-.068</b>	<b>.06</b>	<b>-.149 - -.011</b>
MDD (v. ASPD)→ Negative Parenting→ Externalizing	.004	.81	-.034 - .040
MDD (v. Comorbid)→ Sensitivity→ Externalizing	.001	.99	-.074 - .066
MDD (v. Comorbid)→ Maternal Efficacy→ Externalizing	-.027	.39	-.098 - .022
MDD (v. Comorbid)→ Parenting Stress→ Externalizing	-.011	.71	-.081 - .044
MDD (v. Comorbid)→ Negative Parenting→ Externalizing	.008	.74	-.048 - .050
MDD (v. No Dx)→ Sensitivity→ Externalizing	-.054	.15	-.139 - .000
MDD (v. No Dx)→ Maternal Efficacy→ Externalizing	-.053	.18	-.148 - .001
<b>MDD (v. No Dx)→ Parenting Stress→ Externalizing</b>	<b>-.126</b>	<b>.03</b>	<b>-.253 - -.024</b>
MDD (v. No Dx)→ Negative Parenting→ Externalizing	-.003	.83	-.037 - .024

Note: Bolded values indicate statistical significance. Confidence intervals that did not include the value of zero determined significant mediation.

### SCIPD models

Supplemental Figure 2 depicts model specification for SCIPD models. Note that two versions of the model were estimated, one with maternal comorbid MDD/ASPD as the reference group (see Supplemental Table 3) and the second with maternal MDD as the reference group (see Supplemental Table 4). The SCIPD model fit the data well,  $\chi^2(24) = 24.92$ ,  $p = .41$ , RMSEA=.02 (90% CI: .00-.08), CFI=1.00, SRMR=.02.

**Supplemental Figure 2.**



*Notes.* Dummy variables are included as set, with scores of 1 representing the indicated psychopathology group for each respective code. The following are modeled but not depicted for visual clarity: direct paths from psychopathology groups to child outcomes; paths from covariates to all endogenous variables; residual correlations among all mediating variables.

**Supplemental Table 4.** SCIPD model with maternal comorbid MDD/ASPD as reference group.

<b>Indirect Effects</b>	<b><math>\beta</math></b>	<b><i>p</i></b>	<b>95% CI</b>
Comorbid (v. ASPD)→ Sensitivity→ Withdrawn	-.028	.43	-.102 - .046
Comorbid (v. ASPD)→ Maternal Efficacy→ Withdrawn	.006	.75	-.019 - .055
Comorbid (v. ASPD)→ Parenting Stress→ Withdrawn	-.042	.29	-.128 - .031
Comorbid (v. ASPD)→ Negative Parenting→ Withdrawn	.002	.91	-.033 - .040
Comorbid (v. MDD)→ Sensitivity→ Withdrawn	-.001	.98	-.087 - .077
Comorbid (v. MDD)→ Maternal Efficacy→ Withdrawn	-.012	.63	-.077 - .028
Comorbid (v. MDD)→ Parenting Stress→ Withdrawn	.007	.78	-.022 - .076
Comorbid (v. MDD)→ Negative Parenting→ Withdrawn g	.008	.76	-.048 - .061
<b>Comorbid (v. No Dx)→ Sensitivity→ Withdrawn</b>	<b>-.089</b>	<b>.05</b>	<b>-.180 - -.009</b>
Comorbid (v. No Dx)→ Maternal Efficacy→ Withdrawn	.013	.60	-.025 - .074
Comorbid (v. No Dx)→ Parenting Stress→ Withdrawn	-.077	.26	-.215 - .056
Comorbid (v. No Dx)→ Negative Parenting→ Withdrawn	.012	.74	-.069 - .095
Comorbid (v. ASPD)→ Sensitivity→ Oppositional	-.023	.50	-.103 - .033
Comorbid (v. ASPD)→ Maternal Efficacy→ Oppositional	.000	.99	-.032 - .041
Comorbid (v. ASPD)→ Parenting Stress→ Oppositional	-.038	.39	-.124 - .048
Comorbid (v. ASPD)→ Negative Parenting→ Oppositional	-.002	.92	-.044 - .027
Comorbid (v. MDD)→ Sensitivity→ Oppositional	-.001	.98	-.065 - .084
Comorbid (v. MDD)→ Maternal Efficacy→ Oppositional	.000	.99	-.057 - .054
Comorbid (v. MDD)→ Parenting Stress→ Oppositional	.006	.78	-.032 - .063
Comorbid (v. MDD)→ Negative Parenting→ Oppositional	-.007	.80	-.078 - .041
<b>Comorbid (v. No Dx)→ Sensitivity→ Oppositional</b>	<b>-.072</b>	<b>.07</b>	<b>-.157 - -.005</b>
Comorbid (v. No Dx)→ Maternal Efficacy→ Oppositional	.000	.99	-.049 - .058
Comorbid (v. No Dx)→ Parenting Stress→ Oppositional	-.069	.37	-.225 - .081
Comorbid (v. No Dx)→ Negative Parenting→ Oppositional	-.011	.79	-.100 - .062

Note: Bolded values indicate statistical significance. Confidence intervals that did not include the value of zero determined significant mediation.

**Supplemental Table 5.** SCIPD model with maternal MDD as reference group.

<b>Indirect Effects</b>	<b><math>\beta</math></b>	<b><i>p</i></b>	<b>95% CI</b>
MDD (v. ASPD)→ Sensitivity→ Withdrawn	-.027	.46	-.103 - .053
MDD (v. ASPD)→ Maternal Efficacy→ Withdrawn	.015	.58	-.025 - .088
MDD (v. ASPD)→ Parenting Stress→ Withdrawn	-.047	.31	-.149 - .028
MDD (v. ASPD)→ Negative Parenting→ Withdrawn	-.005	.82	-.052 - .040
MDD (v. Comorbid)→ Sensitivity→ Withdrawn	.001	.98	-.093 - .097
MDD (v. Comorbid)→ Maternal Efficacy→ Withdrawn	.014	.63	-.033 - .089
MDD (v. Comorbid)→ Parenting Stress→ Withdrawn	-.008	.77	-.093 - .026
MDD (v. Comorbid)→ Negative Parenting→ Withdrawn	-.009	.76	-.070 - .054
<b>MDD (v. No Dx)→ Sensitivity→ Withdrawn</b>	<b>-.088</b>	<b>.04</b>	<b>-.178 - -.010</b>
MDD (v. No Dx)→ Maternal Efficacy→ Withdrawn	.026	.53	-.042 - .121
MDD (v. No Dx)→ Parenting Stress→ Withdrawn	-.085	.28	-.261 - .056
MDD (v. No Dx)→ Negative Parenting→ Withdrawn	.003	.83	-.023 - .044
MDD (v. ASPD)→ Sensitivity→ Oppositional	-.022	.57	-.121 - .034
MDD (v. ASPD)→ Maternal Efficacy→ Oppositional	.000	.99	-.062 - .062
MDD (v. ASPD)→ Parenting Stress→ Oppositional	-.043	.38	-.143 - .047
MDD (v. ASPD)→ Negative Parenting→ Oppositional	.004	.85	-.039 - .054
MDD (v. Comorbid)→ Sensitivity→ Oppositional	.001	.98	-.099 - .071
MDD (v. Comorbid)→ Maternal Efficacy→ Oppositional	.000	.99	-.062 - .062
MDD (v. Comorbid)→ Parenting Stress→ Oppositional	-.007	.79	-.074 - .037
MDD (v. Comorbid)→ Negative Parenting→ Oppositional	.008	.80	-.048 - .088
<b>MDD (v. No Dx)→ Sensitivity→ Oppositional</b>	<b>-.071</b>	<b>.13</b>	<b>-.175 - -.005</b>
MDD (v. No Dx)→ Maternal Efficacy→ Oppositional	-.001	.99	-.093 - .094
MDD (v. No Dx)→ Parenting Stress→ Oppositional	-.076	.37	-.255 - .080
MDD (v. No Dx)→ Negative Parenting→ Oppositional	-.003	.8	-.037 - .031

Note: Bolded values indicate statistical significance. Confidence intervals that did not include the value of zero determined significant mediation.