

**TABLE S1** Multiple Regression Model for the Difference in Error-Related Negativity ( $\Delta$ ERN) at the Central Electrode (Cz) as the Dependent Variable and Child Behavior Checklist (CBCL) Syndrome Scales and Age, Accuracy, Obsessive-Compulsive Disorder (OCD), and CBCL Syndrome Scales as Predictors

Full Model	Regression						Correlation	
	$R^2$	$\beta$	$\beta$ (SE)	$t$	$p$	$F$	$r$ (bivariate)	$r$ (partial)
	0.162				.005	2.58		
Age		<b>-0.48</b>	<b>0.16</b>	<b>-3.00</b>	<b>.003</b>		<b>-0.26</b>	<b>-0.26</b>
Accuracy		-5.37	8.02	-0.67	.50		-0.03	-0.03
OCD		-1.40	1.35	-1.04	.30		-0.15	-0.03
CBCL Anxious/Depressed scale		-0.21	0.19	-1.12	.26		-0.18	-0.10
CBCL Withdrawn/Depressed scale		<b>-0.62</b>	<b>0.29</b>	<b>-2.18</b>	<b>.03</b>		<b>-0.25</b>	<b>-0.18</b>
CBCL Somatic Complaints scale		0.20	0.23	0.88	.38		-0.13	-0.07
CBCL Social Problems scale		0.22	0.26	0.88	.38		-0.03	0.07
CBCL Thought Problems scale		0.11	0.23	0.48	.63		-0.13	-0.02
CBCL Attention Problems scale		-0.01	0.17	-0.06	.20		-0.03	0.01
CBCL Rule-Breaking Behavior scale		0.45	0.35	1.29	.20		-0.02	0.11
CBCL Aggressive Behavior scale		-0.06	0.16	-0.35	.73		-0.07	-0.03
Reduced Model <sup>a</sup>	Regression						Correlation	
	$R^2$	$\beta$	$\beta$ (SE)	$t$	$p$	$F$	$r$ (bivariate)	$r$ (partial)
	0.126				<.0001	11.22		
Age		<b>-0.48</b>	<b>0.14</b>	<b>-3.30</b>	<b>.0012</b>		<b>-0.26</b>	<b>-0.26</b>
CBCL Withdrawn/Depressed scale		<b>-0.62</b>	<b>0.19</b>	<b>-3.26</b>	<b>.0014</b>		<b>-0.25</b>	<b>-0.25</b>

Note: Boldface data represent significant results. A CBCL was not completed for 1 patient with OCD at the time of collecting event-related potential data. SE = standard error.

<sup>a</sup>After backward stepwise deletion of non-significant variables.

**TABLE S2** Correlation Matrix for Age, Obsessive-Compulsive Disorder (OCD), Child Behavior Checklist (CBCL) Syndrome Scales, Accuracy, and Error-Related Negativity (ERN)

	Age	OCD	Anxious/ Depressed	Withdrawn/ Depressed	Somatic Complaints	Social Problems	Thought Problems	Attention Problems	Rule- Breaking Behavior	Aggressive Behavior	Accuracy	ERN
Age	1	-0.02	-0.14	0.04	-0.03	-0.18	-0.14	-0.22	0.04	-0.16	0.13	-0.12
OCD	-0.02	1	0.65	0.48	0.52	0.52	0.70	0.45	0.20	0.43	-0.21	-0.20
Anxious/ depressed	-0.14	0.65	1	0.68	0.67	0.64	0.80	0.55	0.42	0.64	-0.05	-0.18
Withdrawn/ depressed	0.04	0.48	0.68	1	0.60	0.48	0.56	0.46	0.46	0.49	-0.02	-0.30
Somatic complaints	-0.03	0.52	0.67	0.60	1	0.38	0.53	0.38	0.27	0.42	-0.08	-0.20
Social problems	-0.18	0.49	0.64	0.48	0.38	1	0.63	0.58	0.46	0.54	-0.01	-0.12
Thought problems	-0.14	0.70	0.80	0.56	0.53	0.63	1	0.55	0.34	0.53	0.02	-0.18
Attention problems	-0.22	0.45	0.56	0.46	0.38	0.58	0.55	1	0.52	0.55	-0.12	-0.06
Rule- breaking behavior	0.04	0.20	0.42	0.46	0.27	0.46	0.34	0.52	1	0.60	0.04	-0.11
Aggressive behavior	-0.16	0.43	0.64	0.49	0.42	0.54	0.53	0.55	0.60	1	-0.13	-0.09
Accuracy	0.13	-0.21	-0.05	-0.02	-0.08	-0.01	0.02	-0.12	0.04	-0.13	1	-0.14
ERN	-0.12	-0.20	-0.18	-0.30	-0.20	-0.12	-0.18	-0.06	-0.11	-0.09	-0.14	1
ΔERN	-0.26	-0.19	-0.18	-0.25	-0.13	-0.03	0.13	-0.03	-0.02	-0.07	-0.03	0.62

*Note: A CBCL was not completed for 1 patient with OCD at the time of collecting event-related potential data. ΔERN = error-related negativity amplitude minus correct response negativity amplitude.*

**TABLE S3** Multiple Linear Regression Model for the Difference in Error-Related Negativity (ΔERN) at the Central Electrode (Cz) With Obsessive-Compulsive Disorder (OCD) Symptom Dimensions and Age and Accuracy as Predictors

	Regression						Correlation	
	R <sup>2</sup>	β	β (SE)	t	p	F	r (bivariate)	r (partial)
Present symptoms	0.097				.37	1.07		
Taboo		2.13	5.60	0.38	.71		0.01	0.05
Cleaning/contamination		0.22	3.03	0.07	.94		0.02	0.01
Doubts		-4.50	5.06	-0.89	.38		-0.10	-0.10
Rituals/superstitions		2.31	5.16	0.45	.66		-0.04	0.05
Symmetry/hoarding		-0.46	4.13	-0.11	.91		-0.08	-0.01
Age		<b>-0.48</b>	<b>0.22</b>	<b>-2.13</b>	<b>.04</b>		<b>-0.26</b>	<b>-0.24</b>
Accuracy		-10.87	9.66	-1.12	.26		-0.14	-0.13
Lifetime symptoms	0.122				.20	1.43		
Taboo		0.52	4.49	0.12	.92		0.02	0.01
Cleaning/contamination		-0.63	2.69	-0.23	.82		-0.03	-0.03
Doubts		1.31	4.20	0.31	.76		-0.09	0.04
Rituals/superstitions		-3.05	4.20	-0.73	.47		-0.22	-0.09
Symmetry/hoarding		-2.86	3.75	-0.76	.45		-0.22	-0.09
Age		-0.41	0.22	-1.88	.06		-0.26	-0.22
Accuracy		-10.87	9.66	-1.12	.26		-0.14	-0.14

*Note: Boldface data represent significant results. SE = standard error.*