

Supplement

Supplement table 1.

Comparison between women with vs. without any lifetime psychiatric disorders with respect to early life adversity sub-types and methylation levels in the *NR3C1* promoter and the *ERα* shore.

	With lifetime psychiatric disorder	Without lifetime psychiatric disorder	U	Z	p
<i>Emotional abuse</i>			383.00	-1.272	.204
Mean rank	68.20	54.79			
Sum of rank	682.00	5534.00			
<i>Physical abuse</i>			545.00	-.375	.708
Mean rank	55.55	58.81			
Sum of rank	611.00	6175.00			
<i>Sexual abuse</i>			505.50	-1.161	.428
Mean rank	51.95	58.64			
Sum of rank	571.50	6098.00			
<i>Emotional neglect</i>			438.00	-1.161	.246
Mean rank	67.18	55.34			
Sum of rank	739.00	5589.00			
<i>Physical neglect</i>			389.50	-1.601	.109
Mean rank	41.41	57.07			
Sum of rank	455.50	5649.50			
<i>Maltreatment score</i>			426.00	.696	.696
Mean rank	54.90	51.13			
Sum of rank	549.00	4704.00			
<i>NR3C1 promoter methylation</i>			442.00	-.353	.724
Mean rank	46.18	49.36			
Sum of rank	508.00	4245.00			
<i>ERα shore methylation</i>			504.00	.549	.549
Mean rank	63.18	56.89			
Sum of rank	695.00	5860.00			

Note. Grouping variable is lifetime psychiatric disease. *p < 0.05 uncorrected for multiple comparison; **p < 0.01, uncorrected for multiple comparison.

Supplement table 2.

Correlation analyses of single CpGs in the *NR3C1* promoter region and the maltreatment score.

	Maltreatment score	
Site	r	p
CpG1	.181*	.043
CpG2	.227*	.015
CpG3	.172	.051
CpG4	-.121	.127
CpG5	-.063	.278
CpG6	-.114	.142
CpG7	-.007	.474
CpG8	.021	.421
CpG9	-.141	.091
CpG10	-.141	.091
CpG11	-.148	.080
CpG12	-.144	.087
CpG13	-.155	.072
CpG14	-.133	.104
CpG15	-.144	.086
CpG16	-.145	.086
CpG17	-.118	.132
CpG18	-.142	.090
CpG19	-.204*	.026
CpG20	-.140	.093
CpG21	-.139	.094
CpG22	-.139	.094
CpG23	-.135	.100
CpG24	-.182*	.043
CpG25	-.143	.088
CpG26	-.135	.101
CpG27	-.119	.130
CpG28	-.116	.136
CpG29	-.145	.086
CpG30	-.141	.091
CpG31	-.136	.100

CpG32	-.092	.193
CpG33	-.103	.166
CpG34	-.080	.225
CpG35	-.102	.169
CpG36	-.049	.322
CpG37	.126	.117
CpG38	-.104	.164
CpG39	-.054	.307

Note. * $p < 0.05$ uncorrected for multiple comparison; ** $p < 0.01$, uncorrected for multiple comparison.

Supplement table 3.

Correlation analyses of single CpGs in the *ERα* shore and the maltreatment score.

Site	Maltreatment score	
	r	p
CpG1	.215*	.017
CpG2	.141	.085
CpG3	.084	.205
CpG4	.098	.170
CpG5	.167	.051
CpG6	.092	.186
CpG7	.165	.054
CpG8	.106	.151
CpG9	.049	.318

Note. * $p < 0.05$ uncorrected for multiple comparison; ** $p < 0.01$, uncorrected for multiple comparison.