

Supplementary Table S3. Sensitivity analysis of regression models using non-imputed cytokine data.

Cytokine	Maternal cytokines ^a			Cord blood cytokines ^b		
	OR	95% CI	Crude p value	OR	95% CI	Crude p value
IL-1 α	1.006	(0.999, 1.013)	0.07	1.01	(1.003, 1.018)	0.006
IL-1 β	1.095	(0.981, 1.222)	0.107	1.071	(0.939, 1.221)	0.308
IL-5	1.021	(0.997, 1.046)	0.092	1.04	(1.006, 1.076)	0.022
IL6	1.012	(1.000, 1.023)	0.053	1.004	(0.998, 1.010)	0.211
IL-7	1.059	(0.965, 1.162)	0.229	0.995	(0.876, 1.129)	0.933
IL-8	1.021	(1.000, 1.043)	0.049	1.006	(0.997, 1.015)	0.202
IL-10	1.012	(0.994, 1.030)	0.186	0.999	(0.984, 1.015)	0.925
IL-12p40	1.048	(1.006, 1.0930)	0.026	1.022	(1.003, 1.042)	0.024
IL-13	1.009	(0.999, 1.018)	0.079	1.014	(1.001, 1.028)	0.033
IL-17A	1.027	(0.983, 0.983)	0.234	0.989	(0.933, 1.048)	0.699
IFN- γ	1.002	(0.989, 1.016)	0.738	0.991	(0.979, 1.002)	0.123
TNF- α	0.995	(0.916, 1.08)	0.9	0.958	(0.926, 0.990)	0.01
MCP-1	1.008	(0.999, 1.018)	0.093	0.999	(0.996, 1.002)	0.544
MIP-1 β	0.98	(0.928, 1.035)	0.472	0.99	(0.972, 1.008)	0.26
G-CSF	1.002	(0.994, 1.011)	0.616	0.999	(0.999, 1.000)	0.085
GM-CSF	1.039	(1.002, 1.078)	0.04	1.067	(1.017, 1.119)	0.009

CI, confidence interval; IL, interleukin, IFN, interferon; TNF, tumor necrosis factor; MCP, monocyte chemotactic protein; MIP, macrophage inflammatory protein; G-CSF, granulocyte colony-stimulating factor; GM-CSF, granulocyte-macrophage colony-stimulating factor

^a Unadjusted logistic regression model was used to evaluate the association between maternal cytokines and autism diagnosis

^b Unadjusted generalized estimating equations was used to evaluate the association between cord blood cytokines and autism diagnosis