

Table 2. High levels of cord inflammatory markers (> 67th%ile v.<= 67th%ile) and birth size < 10th percentile among infants born ≥ 39 and < 39 weeks gestation. Logistic regression

Outcome	Immune biomaker	Exposure						MODEL 1. Crude				MODEL 2. Adjusted model matmuac_it22, parity, motheredu, phq_base_total , sex, gestational_age_birth			
		Exposure: <= 75th %ile			Exposure: > 75th %ile										
		Status	N	%	Status	N	%	OR	95% CI	P	OR	95% CI	P		
Gestational age of birth >= 39 weeks (n = 174): n = 58 (> 67th%ile) v. n = 116 (<= 67th%ile)															
Weight	IL-1α	0	59	51.75	1	30	50.00	0.93	0.50	1.74	0.8274	1.10	0.56	2.16	0.7904
	IL-1β	0	65	56.03	1	24	41.38	0.56	0.30	1.06	0.0735	0.47	0.23	0.96	0.0372
	IL-6	0	60	50.85	1	29	51.79	1.04	0.55	1.96	0.9103	0.91	0.46	1.80	0.7783
	IL-8	0	56	50.00	1	33	53.23	1.14	0.61	2.11	0.6884	1.09	0.55	2.15	0.8048
	CRP	0	58	50.00	1	31	53.45	1.15	0.61	2.15	0.6734	1.14	0.58	2.23	0.7050
Length	IL-1α	0	29	25.89	1	13	22.41	0.84	0.40	1.77	0.6455	0.90	0.41	1.99	0.7935
	IL-1β	0	30	25.86	1	12	22.22	0.83	0.39	1.78	0.6398	0.72	0.31	1.68	0.4466
	IL-6	0	31	26.50	1	11	20.75	0.74	0.34	1.61	0.4523	0.52	0.22	1.22	0.1331
	IL-8	0	28	25.00	1	14	24.14	0.97	0.46	2.01	0.9267	0.83	0.37	1.85	0.6416
	CRP	0	31	26.96	1	11	20.00	0.69	0.32	1.50	0.3525	0.71	0.32	1.61	0.4166
Head circumference	IL-1α	0	23	20.35	1	8	13.79	0.65	0.27	1.54	0.3247	0.59	0.23	1.55	0.2877
	IL-1β	0	24	20.69	1	7	12.73	0.58	0.24	1.43	0.2389	0.48	0.17	1.38	0.1749
	IL-6	0	20	17.09	1	11	20.37	1.26	0.56	2.83	0.5805	1.17	0.47	2.90	0.7350
	IL-8	0	19	16.96	1	12	20.34	1.26	0.57	2.80	0.5676	1.17	0.48	2.85	0.7335
	CRP	0	19	16.52	1	12	21.43	1.39	0.63	3.09	0.4198	1.31	0.55	3.11	0.5453
Weight to length ratio	IL-1α	0	66	58.93	1	33	56.90	0.92	0.48	1.75	0.7954	1.05	0.52	2.13	0.8833
	IL-1β	0	72	62.07	1	27	50.00	0.61	0.32	1.18	0.1425	0.44	0.21	0.95	0.0357
	IL-6	0	67	57.27	1	32	60.38	1.13	0.58	2.19	0.7152	1.03	0.50	2.13	0.9269
	IL-8	0	66	58.93	1	33	56.90	0.92	0.48	1.75	0.7954	0.81	0.40	1.65	0.5573
	CRP	0	62	53.91	1	37	67.27	1.74	0.89	3.39	0.1074	1.72	0.84	3.55	0.1407
Gestational age of birth < 39 weeks (n = 104): n = 35 (> 67th%ile) v. n = 69 (<= 67th%ile)															
Weight	IL-1α	0	23	33.33	1	14	40.00	1.33	0.58	3.09	0.5009	1.21	0.48	3.09	0.6886
	IL-1β	0	19	27.54	1	18	51.43	2.74	1.17	6.38	0.0197	2.55	0.99	6.59	0.0529
	IL-6	0	26	37.68	1	11	31.43	0.77	0.33	1.82	0.5530	0.77	0.29	2.04	0.5933
	IL-8	0	22	31.88	1	15	42.86	1.60	0.69	3.69	0.2743	1.78	0.69	4.57	0.2324
	CRP	0	24	34.78	1	13	37.14	1.11	0.48	2.59	0.8018	1.10	0.43	2.86	0.8415
Length	IL-1α	0	5	7.58	1	3	9.38	1.33	0.32	5.53	0.6980	1.42	0.28	7.17	0.6686
	IL-1β	0	7	10.94	1	1	2.94	0.34	0.06	2.14	0.2516	0.19	0.02	1.85	0.1523
	IL-6	0	8	12.12	1	0	0.00	0.11	0.01	1.98	0.1328				
	IL-8	0	7	10.61	1	1	3.13	0.38	0.06	2.36	0.2973	0.21	0.02	2.04	0.1781
	CRP	0	6	9.23	1	2	6.06	0.73	0.16	3.39	0.6844	0.78	0.13	4.57	0.7813
Head circumference	IL-1α	0	7	10.61	1	4	12.50	1.25	0.35	4.45	0.7275	1.21	0.32	4.68	0.7778
	IL-1β	0	6	9.38	1	5	14.71	1.68	0.49	5.76	0.4106	1.62	0.44	5.96	0.4690
	IL-6	0	8	12.12	1	3	9.38	0.82	0.21	3.11	0.7666	0.54	0.12	2.43	0.4171
	IL-8	0	6	9.09	1	5	15.63	1.86	0.54	6.41	0.3246	1.68	0.46	6.13	0.4340
	CRP	0	8	12.31	1	3	9.09	0.78	0.20	2.96	0.7103	0.69	0.16	3.06	0.6257
Weight to length ratio	IL-1α	0	26	39.39	1	13	40.63	1.06	0.45	2.50	0.8978	0.83	0.32	2.15	0.6992
	IL-1β	0	18	28.13	1	21	61.76	4.00	1.66	9.64	0.0020	4.47	1.67	11.95	0.0029
	IL-6	0	26	39.39	1	13	40.63	1.06	0.45	2.50	0.8978	1.27	0.48	3.38	0.6371
	IL-8	0	21	31.82	1	18	56.25	2.70	1.13	6.44	0.0250	3.71	1.36	10.16	0.0106
	CRP	0	25	38.46	1	14	42.42	1.18	0.50	2.77	0.7021	1.14	0.44	2.94	0.7916

¹ Model 2 adjusted for maternal upper arm circumference < 22 cm, parity, educational attainment, depression score (PHQ), infant sex, and gestational age of birth