

NR3C1 gene methylation and cortisol levels in preterm and healthy full-term infants in the first three months of life.

Table S7. Median and mean z-scores of cortisol levels at days 5, 30, and D* (day of discharge for preterm newborns or day 90 for term infants).

Day	No.	Term newborns								No.	Preterm newborns								<i>P</i> ^a
		Median	P25	P75	Minimum	Maximum	Mean	SEM	SD		Median	P25	P75	Minimum	Maximum	Mean	SEM	SD	
D5	36	-0.325	-0.35	-0.26	-0.36	-0.07	-0.295	0.01	0.07	46	-0.115	-0.21	0.023	-0.33	6.18	0.232	0.191	1.293	< 0.0001 *
D30	23	-0.040	-0.63	1.20	-1.07	4.07	0.267	0.26	1.25	41	-0.400	-0.71	1.740	-1.00	1.74	-0.150	0.116	0.742	0.245
D*	28	-0.055	-0.61	0.53	-1.28	2.83	0.050	0.18	0.96	38	-0.325	0.74	0.820	-1.10	2.75	0.039	0.155	0.955	0.866

SEM – Standard error of mean; SD – Standard deviation; ^aMann-Whitney U test; *statistically significant difference between the groups.

Table S8 - Crude means z-scores of cortisol levels on days 0, 5, 30 and D* (day of discharge for preterm newborns or day 90 for term infants) and estimated beta coefficient of changes over time in both groups.

Day	Term newborns				Preterm newborns			
	Mean (SD)	beta	SE	<i>p-value</i> *	Mean (SD)	beta	SE	<i>p-value</i> *
D5	-0.295 (0.07)				0.232 (1.293)			
D30	0.267 (1.25)	0.0006696	0.002690	0.0177	-0.150 (0.742)	-0.00152	0.003206	0.6375
D*	0.050 (0.96)				0.039 (0.955)			

SD – Standard deviation; *The mixed procedure in SAS on Demand for Academics (SAS Institute Inc., Cary, NC, USA).

Table S9 – Crude means and estimated changes in the z-scores of cortisol levels on day 5, 30 and D* (day of discharge for preterm newborns or day 90 for term infants) in premature newborns compared to term newborns.

Day	Term newborns		Preterm newborns		Preterm compared to term infants		
	Mean (SD)	△	Mean (SD)	△	beta	SE	<i>p-value</i> *
D5	-0.295	-	0.232	-			
D30	0.267	0.1258445	-0.150	-0.0708335	-0.00787	0.004553	0.0879
D*	0.05	0.3246789	0.039	-0.1827504			

SD – Standard deviation; *The mixed procedure in SAS OnDemand for Academics (SAS Institute Inc., Cary, NC, USA).