

Supplemental table 3. Correlations between cord and maternal erythrocyte or plasma fatty acid concentrations (wt%) at delivery. Results are expressed as r^2 that reveals the proportion of the total variance that is determined by the relationship between maternal and cord fatty acids.

		PC	PE	Plasma
		r^2	r^2	r^2
22:6n-3	FO	0.220 **	0.448 **	0.352 **
	FO+5-MTHF	0.166 *	0.398 **	0.019
	5-MTHF	0.295 **	0.669 **	0.219 **
	Placebo	0.108	0.166 *	0.361 **
	Total	0.238 **	0.471 **	0.273 **
20:4n-6	FO	0.259 **	0.486 **	0.298 **
	FO+5-MTHF	0.125	0.356 **	0.293 **
	5-MTHF	0.079	0.387 **	0.252 **
	Placebo	0.167 *	0.445 **	0.239 **
	Total	0.145 **	0.476 **	0.302 **
ΣSFA	FO	0.621 **	0.629 **	0.059
	FO+5-MTHF	0.523 **	0.428 **	0.094 *
	5-MTHF	0.222 **	0.493 **	0.110 *
	Placebo	0.299 **	0.619 **	0.199 **
	Total	0.399 **	0.530 **	0.108 **
ΣMUFA	FO	0.074	0.106	0.019
	FO+5-MTHF	0.144 *	0.376 **	0.136 **
	5-MTHF	0.045	0.326 **	0.127 **
	Placebo	0.121	0.030	0.040
	Total	0.116 **	0.204 **	0.059 **
ΣPUFA	FO	0.513 **	0.709 **	0.021
	FO+5-MTHF	0.285 **	0.339 **	0.001
	5-MTHF	0.229 **	0.545 **	0.293 **
	Placebo	0.108	0.433 **	0.078 *
	Total	0.294 **	0.524 **	0.064 **
AA/DHA	FO	0.201 **	0.393 **	0.480 **
	FO+5-MTHF	0.374 **	0.489 **	0.091 *
	5-MTHF	0.374 **	0.634 **	0.297 **
	Placebo	0.252 **	0.227 **	0.486 **
	Total	0.354 **	0.422 **	0.426 **

PC: phosphatidylcholine phospholipids; PE: phosphatidylethanolamine phospholipids; FO: Fish oil; 5-MTHF: 5-Methyltetrahydrofoate; Σ SFA: Saturated fatty acids; Σ MUFA: Monounsaturated fatty acids; Σ PUFA: Polyunsaturated fatty acids; AA/DHA: arachidonic acid/docosaheaxaenoic acid ratio; Σ n-6/ Σ n-3: n-6 polyunsaturated fatty acids/n-3 polyunsaturated fatty acids ratio.
* $P < 0.05$; ** $P \leq 0.001$.