

Supplementary table 1: Descriptive results for those vs those without PEAPOD measurements

	With PEAPOD (n=1258)	Without PEAPOD (n=513)	Difference (Cork_with – Cork_without) (95% CI)
Sex of infant (% (n) female)	48.57 (611)	50.68 (260)	-2.11 (-7.25; 3.02)*
Birth weight (g) (median;IQR)	3500 (3180;3800)	3380 (3020;3730)	130 (80;190)**
Gestational age (weeks) (median;IQR)	40.29 (39.43;41)	40 (38.71;40.86)	0.29 (0.15;0.43)**
Maternal age (years) (mean:SD)	29.95 (4.44)	29.88 (4.61)	0.07 (-0.39;0.53)**
Maternal BMI (kg/m <sup>2</sup> ) (median:IQR)	23.9 (22;26.9)	24 (22;26.9)	-0.1 (-0.30;0.50)**
Maternal Socioeconomic status (median;IQR)	45 (29;51)	45 (29;50)	0 (-1;0)**
Maternal schooling (years) (median;IQR)	13 (13;14)	13 (13;14)	0 (0;0)**
Household income (<€21 000) (yes)(% (n))	8.47 (106)	8.22 (42)	0.25 (-2.58;3.10)*
Maternal unemployment (yes) (% (n))	5.56 (70)	3.51 (18)	2.06 (0.02;4.09)*
1 <sup>st</sup> trimester smoking (yes) (% (n))	9.30 (117)	11.70 (60)	-2.40 (-5.60;0.82)*
1 <sup>st</sup> trimester alcohol intake (units/week (median;IQR)	3 (0.6;7)	2.8 (0.62;5)	0 (-0.5;0)**

\*tests for proportions for categorical variables (% difference); \*\*t-tests/Wilcoxon rank-sum for continuous variables (difference in means/medians)

Supplementary table 2: Descriptive results for those with vs those without complete data

	Complete data group (n=1200)	Missing data group (n=58)	Difference (Complete – incomplete) (95% CI)
Sex of infant (% (n) female)	49.00 (588)	39.66 (23)	9.34 (-3.56;22.25)*
Birth weight (g) (mean;SD)	3510 (465)	3322 (518)	188 (64;311)**
Gestational age (weeks) (median;IQR)	40.29 (39.43;41.00)	40.57 (39.29;42.00)	-0.43 (-0.86;0.15)**
Maternal age (years) (mean;SD)	29.98 (4.44)	29.13 (4.54)	0.85 (-0.33;2.02)**
Maternal BMI (kg/m <sup>2</sup> ) (median;IQR)	23.9 (22.00;26.8)	24.7 (22.00;29.00)	-0.70 (-1.90;0.40)**
Maternal Socioeconomic status (median;IQR)	45 (29;51.00)	44.5 (29;50.00)	0 (-3.00;4.00)**
Maternal schooling (years) (median;IQR)	13 (13;14)	13 (13;14)	0 (0;0)**
Household income <€21 000 (yes) (% (n))	8.30 (99)	12.07 (7)	-3.77 (-12.30; 4.76)*
Maternal unemployment (yes) (% (n))	5.50 (66)	6.90 (4)	-1.40 (-8.04;5.25)*
1 <sup>st</sup> trimester smoking (yes) (% (n))	9.08 (109)	13.79 (8)	-4.71 (-13.73;4.31)*
1 <sup>st</sup> trimester alcohol intake (units/week) (median;IQR)	3 (0.6;7)	3 (0.6;10)	-0.10 (-1.5;0.67)**

\*tests for proportions for categorical variables (% difference); \*\*t-tests/Wilcoxon rank-sum for continuous variables (difference in means/medians)

