**Supplementary tables**

**Table S1.** Number of children enrolled in the cohort, eligible and losses at each visit according to each cohort. Cohort studies, Pelotas/RS, Brazil.

|  |  |  |
| --- | --- | --- |
| **Cohort** | **Number of eligible subjects** | **% losses to follow-up** |
| **1982**  |  |  |
| Perinatal | 5,914 | - |
| Follow-up 1983 | 1,916 | 20.7 |
| **1993** |  |  |
| Perinatal | 5,249 | - |
| Follow-up six months | 1,460 | 3.2 |
| Follow-up 12 months | 1,460 | 6.6 |
| **2004** |  |  |
| Perinatal | 4,231 | - |
| Follow-up three months | 4,165 | 3.6 |
| Follow-up 12 months | 4,149 | 5.1 |
| **2015** |  |  |
| Perinatal | 4,275 | - |
| Follow-up three months | 4,229 | 1.1 |
| Follow-up 12 months | 4,216 | 2.7 |

**Table S2.** Crude association between excess weight before pregnancy and outcomes (weaned at three months of age, duration EBF at six months and duration any breastfeeding at 12 months of age)- effect modification by cohort. Cohort studies, Pelotas/RS, Brazil.

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Overall** | **Cohort interaction p-value** | **Stratified for cohort** |
|  | **RR or HR\*****(95% IC)** |  | **Cohort 1982** | **Cohort 1993** | **Cohort 2004** | **Cohort 2015** |
| Weaned | 0.97(0.90; 1.04) | 0.05 | 0.97(0.90; 1.04) | 0.94(0.79; 1.11) | 1.04(0.90; 1.19) | 1.13(1.01; 1.27) |
| EBF at six months | 1.31(1.22; 1.42) | < 0.001 | - | 1.14(0.99; 1.31) | 1.07(0.99; 1.17) | 1.22(1.15; 1.30) |
| Any breastfeeding at 12 months | 0.86(0.83; 0.90) | 0.04 | 0.93(0.86; 1.00) | 0.93(0.82; 1.06) | 1.00(0.92; 1.09) | 1.04(0.98; 1.11) |

\*RR: Relative Risk (weaned); HR: Hazard ratio (EBF and any breastfeeding)

**Table S3.** Crude and adjusted associations between excess weight before pregnancy and weaning at three months of age. Cohorts studies, Pelotas/RS, Brazil.

|  |  |
| --- | --- |
| **Cohort** | **Weaning at three months** |
|  | **Crude RR****(95% CI)** | **Adjusted RR****(95% CI)** |
| 1982 | 0.97 (0.87; 1.07) | 0.99 (0.89; 1.11) |
| 1993 | 0.94 (0.79; 1.11) | 0.98 (0.82; 1.16) |
| 2004 | 1.04 (0.88; 1.22) | 1.03 (0.87; 1.22) |
| 2015 | 1.13 (1.00; 1.29) | 1.19 (1.04; 1.36) |

**\***Analyses adjusted for maternal skin color, maternal age, maternal schooling, family income in tertiles, parity and marital status.