**Table S1. Pregnancy Related Characteristics for Mothers of Participants Versus Mothers of Non-Participants in the 20-Year Follow-Up**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Mothers of participants that did not participate (n=1743)** | | **Mothers of participants included**  **(n=1056)** | | **P value** |
|  | **Mean / Percent**  **95% CI** | | **Mean / Percent**  **95% CI** | |
| Age (yr.) | 26.8 | 26.6, 27.1 | 29.0 | 28.7, 29.3 | **<0.001\*** |
| Pre-pregnancy BMI (kg/m2) | 22.4 | 22.2, 22.6 | 22.3 | 22.0, 22.5 | 0.349 |
| Pre-pregnancy Obesity (%) | 6.9 | 5.8, 8.1 | 6.0 | 4.5, 7.4 | 0.311 |
| Hypertension in pregnancy (%) | 26.2 | 24.1, 28.2 | 25.0 | 22.4, 27.6 | 0.496 |
| Smoking in pregnancy (%) | 31.4 | 29.3, 33.6 | 19.5 | 17.1, 21.9 | **<0.001\*\*\*** |
| Tertiary education (%) | 43.4 | 41.0, 45.7 | 56.6 | 53.6, 59.6 | **<0.001\*\*\*** |
| Family income of <$24,000 AUD # (%) | 49.6 | 47.2, 52.1 | 34.4 | 31.5, 37.3 | **<0.001\*\*\*** |
| Alcohol drinker in pregnancy (%) | 42.9 | 40.5, 45.2 | 49.9 | 46.9, 52.9 | **<0.001\*\*\*** |
| Gestational age (weeks) | 38.7 | 38.5, 38.8 | 38.8 | 38.7, 39.0 | **0.031\*** |
| Offspring birth weight (kg) | 3.3 | 3.3, 3.3 | 3.3 | 3.3, 3.4 | **0.010\*** |

**# Low income status defined as <$24,000 Australian-Dollars (AUD) during the enrollment period 1989-91.**

**Boldface indicates statistical significance (\*p<0.05, \*\*p<0.01, \*\*\*p<0.001)**

**TableS2. Characteristics by Maternal Smoking or Low Family Income at Pregnancy**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Maternal non-smokers during pregnancy (n=850)** | | **Maternal smokers during pregnancy (n=206)** | | **P value** | **Mothers with high family income during pregnancy (n=673)** | | **Mothers with low family income during pregnancy (n=351)** | | **P value** |
|  | **x̅/%** | **95% CI** | **x̅/%** | **95% CI** | **x̅/%** | **95% CI** | **x̅/%** | **95% CI** |
| **Offspring characteristics at 20Y** |  |  |  |  |  |  |  |  |  |  |
| Female (%) | 50.8 | 47.5, 54.2 | 59.2 | 52.5, 65.9 | 0.030 | 51.5 | 47.8, 55.3 | 53.0 | 47.8, 58.2 | 0.663 |
| Non-HC user female (%) | 19.6 | 17.0, 22.3 | 24.3 | 18.4, 30.1 | 0.140 | 18.1 | 15.2, 21.0 | 23.4 | 18.9, 27.8 | 0.046 |
| HC-user female (%) | 31.2 | 28.1, 34.3 | 35.0 | 28.4, 41.5 | 0.297 | 33.4 | 29.9, 37.0 | 29.6 | 24.9, 34.4 | 0.216 |
| Male (%) | 49.2 | 45.8, 52.5 | 40.8 | 34.1, 47.5 | 0.030 | 48.4 | 44.7, 52.2 | 47.0 | 41.8, 52.2 | 0.663 |
| BMI (kg/m2) | 24.1 | 23.7, 24.4 | 26.1 | 25.2, 27.0 | <.001 | 24.0 | 23.7, 24.4 | 25.2 | 24.6, 25.8 | <0.001 |
| BMI < 25 (%) | 69.3 | 66.2, 72.4 | 55.8 | 49.0, 62.6 | <.001 | 70.7 | 67.3, 74.2 | 59.2 | 54.1, 64.4 | <0.001 |
| BMI ≥ 25 and <30 (%) | 19.8 | 17.1, 22.4 | 23.8 | 18.0, 29.6 | 0.200 | 19.5 | 16.5, 22.4 | 22.2 | 17.9, 26.6 | 0.298 |
| BMI ≥ 30 (%) | 10.9 | 8.8, 13.0 | 20.4 | 14.9, 25.9 | <.001 | 9.8 | 7.5, 12.0 | 18.5 | 14.4, 22.6 | <0.001 |
| Depression score a | 6.8 | 6.3, 7.3 | 8.1 | 6.8, 9.4 | 0.032 | 6.6 | 6.1, 7.2 | 7.8 | 6.9, 8.7 | 0.031 |
| Anxiety score a | 4.9 | 4.5, 5.3 | 5.8 | 5.0, 6.6 | 0.044 | 4.8 | 4.3, 5.1 | 5.6 | 5.0, 6.3 | 0.020 |
| Stress score a | 8.7 | 8.2, 9.3 | 10.1 | 8.8, 11.3 | 0.032 | 8.9 | 8.3, 9.5 | 9.1 | 8.2, 10.0 | 0.786 |
| Total DASS score | 20.4 | 19.2, 21.7 | 24.0 | 21.0, 26.9 | 0.017 | 20.4 | 19.0, 21.7 | 22.5 | 20.3, 24.7 | 0.090 |
| Alcohol drinker (%) | 69.5 | 66.4, 72.6 | 67.3 | 60.8, 73.9 | 0.557 | 73.2 | 69.8, 76.6 | 62.3 | 57.2, 67.6 | <0.001 |
| Smokers (%) | 12.1 | 9.9, 14.3 | 24.3 | 18.4, 30.1 | <.001 | 12.5 | 10.0, 15.0 | 17.9 | 13.9, 22.0 | 0.018 |
| Physical activity (METS-hr./week) | 57.6 | 53.7, 61.6 | 65.0 | 54.7, 75.3 | 0.131 | 59.7 | 55.2, 64.2 | 57.1 | 50.1, 64.0 | 0.515 |
| Gestational age (weeks) | 38.8 | 38.6, 38.9 | 39.1 | 38.9, 39.3 | 0.043 | 38.9 | 38.7, 39.0 | 38.9 | 38.7, 39.1 | 0.933 |
| Birth weight (kg) | 3.4 | 3.3, 3.4 | 3.2 | 3.1, 3.3 | <.001 | 3.3 | 3.3, 3.4 | 3.3 | 3.3, 3.4 | 0.585 |
| Any breast feeding (%) | 92.8 | 91.0, 94.6 | 90.9 | 86.7, 95.0 | 0.372 | 93.6 | 91.7, 95.5 | 90.1 | 86.8, 93.3 | 0.047 |
| Breast fed ≥ 4 months (%) | 73.4 | 70.4, 76.5 | 47.3 | 40.1, 54.5 | <.001 | 75.4 | 72.0, 78.7 | 56.6 | 51.3, 61.9 | <0.001 |
| **Maternal characteristics** |  |  |  |  |  |  |  |  |  |  |
| Age (yr.) | 29.5 | 29.2, 29.9 | 26.9 | 26.1, 27.6 | <.001 | 30.4 | 30.0, 30.7 | 26.5 | 25.8, 27.1 | <0.001 |
| Pre-pregnancy BMI (kg/m2) | 22.3 | 22.0, 22.5 | 22.3 | 21.6, 22.9 | 0.988 | 22.0 | 21.7, 22.3 | 22.8 | 22.3, 23.3 | 0.008 |
| Pre-pregnancy Obesity (%) | 5.8 | 4.2, 7.3 | 6.8 | 3.4, 10.2 | 0.575 | 4.2 | 2.7, 5.7 | 9.4 | 6.3, 12.4 | <0.001 |
| Hypertension in pregnancy % | 26.0 | 23.1, 28.9 | 20.9 | 15.3, 26.4 | 0.127 | 25.3 | 22.0, 28.5 | 24.8 | 20.3, 29.3 | 0.868 |
| Tertiary education (%) | 62.0 | 58.7, 65.3 | 34.5 | 28.0, 41.0 | <.001 | 66.3 | 62.7, 69.8 | 40.2 | 35.0, 45.3 | <0.001 |
| Pregnancy life stress score | 1.3 | 1.2, 1.4 | 1.6 | 1.5, 1.8 | <.001 | 1.2 | 1.1, 1.2 | 1.7 | 1.6, 1.8 | <0.001 |
| Low income at pregnancy (%) | 30.6 | 27.4, 33.7 | 50.0 | 43.0, 57.0 | <.001 | - | - | - | - | - |
| Maternal prenatal smoking % | - | - | - | - | - | 14.6 | 11.9, 17.2 | 27.9 | 23.2, 32.6 | <0.001 |
| Alcohol intake in pregnancy | 48.3 | 45.0, 51.7 | 56.3 | 49.5, 63.1 | 0.040 | 50.8 | 47.0,54.6 | 48.7 | 43.4, 53.9 | 0.524 |
| Family functioning score | 27.0 | 26.6, 27.3 | 26.4 | 25.6, 27.3 | 0.262 | 27.3 | 26.9, 27.7 | 26.1 | 25.5, 26.8 | 0.002 |

**a Individual score range for Depression, Anxiety, Stress scale is from 0 to 42.**

**Maternal smoking is significantly associated with low family-income (Chi-square P-value <.001)**