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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Supplementary Table S2. The associations of the covariates with child psychiatric symptoms and neuropsychological development. Pearson correlation coefficients and Mean differences from t-tests (in standard deviation units).** | | | | | | | | | | | | | | | | | | |
| **Neuropsychiatric or Neuropsychological Questionnaire/Test** | **CBCL Total Problems** | | **CBCL Internalizing Problems** | | **CBCL Externalizing Problems** | | **SDQ Total Difficulties** | | **Conner’s ADHD Scale** | | **CSHQ sleep problems** | | **ASQ neuro-development** | | **HTKS executive function** | | **Marshmallow test executive function** | |
| **Maternal Characteristic** | **r/MD** | **p** | **r/MD** | **p** | **r/MD** | **p** | **r/MD** | **p** | **r/MD** | **p** | **r/MD** | **p** | **r/MD** | **p** | **r/MD** | **p** | **r/MD** | **p** |
| Parity: Primiparous vs. Multiparous | 0.16 | 0.43 | 0.23 | 0.26 | -0.04 | 0.83 | -0.24 | 0.24 | 0.06 | 0.77 | 0.00 | 0.99 | 0.23 | 0.28 | 0.13 | 0.58 | 0.07 | 0.77 |
| Socioeconomic Deprivation: Higher vs. lower | 0.48 | 0.03 | 0.29 | 0.16 | 0.39 | 0.06 | 0.30 | 0.14 | 0.16 | 0.42 | 0.63 | 0.002 | -0.17 | 0.44 | 0.09 | 0.72 | -0.04 | 0.87 |
| Education Level: Lower vs. Upper | 0.63 | 0.004 | 0.65 | 0.003 | 0.63 | 0.004 | 0.63 | 0.003 | 0.57 | 0.01 | 0.53 | 0.01 | -0.46 | 0.04 | -0.45 | 0.08 | 0.35 | 0.15 |
| Age | 0.03 | 0.75 | -0.02 | 0.84 | 0.02 | 0.87 | 0.04 | 0.69 | -0.12 | 0.22 | -0.01 | 0.92 | -0.09 | 0.39 | 0.38 | 0.001 | -0.18 | 0.12 |
| Smoking during pregnancy: Current or ex-smoker vs. never smoked | -0.18 | 0.38 | -0.16 | 0.43 | -0.05 | 0.80 | -0.01 | 0.96 | -0.20 | 0.30 | 0.18 | 0.36 | -0.41 | 0.04 | -0.57 | 0.01 | -0.21 | 0.35 |
| Severely Obese vs. Lean | 0.61 | 0.002 | 0.41 | 0.04 | 0.53 | 0.01 | 0.64 | 0.001 | 0.37 | 0.06 | 0.67 | 0.001 | 0.35 | 0.09 | 0.23 | 0.32 | 0.12 | 0.58 |
| Gestational diabetes: yes vs. no | 0.37 | 0.26 | 0.33 | 0.30 | 0.27 | 0.40 | 0.37 | 0.24 | 0.32 | 0.30 | 0.78 | 0.01 | 0.07 | 0.84 | -0.03 | 0.94 | -0.38 | 0.31 |
| Antenatal Depressive symptoms | 0.21 | 0.03 | 0.13 | 0.17 | 0.15 | 0.13 | 0.26 | 0.01 | 0.15 | 0.13 | 0.34 | <0.001 | -0.26 | 0.01 | -0.11 | 0.35 | -0.04 | 0.76 |
| Antenatal Anxiety Symptoms | 0.28 | 0.004 | 0.24 | 0.01 | 0.22 | 0.03 | 0.41 | <0.001 | 0.22 | 0.02 | 0.33 | 0.001 | -0.34 | 0.001 | 0.06 | 0.62 | 0.07 | 0.57 |
| Depressive  Symptoms at Follow-Up | 0.16 | 0.11 | 0.09 | 0.37 | 0.05 | 0.62 | 0.20 | 0.04 | -0.01 | 0.92 | 0.15 | 0.12 | -0.06 | 0.58 | 0.02 | 0.86 | 0.15 | 0.19 |
| Anxiety Symptoms at Follow-Up | 0.31 | 0.001 | 0.29 | 0.003 | 0.20 | 0.04 | 0.26 | 0.01 | 0.16 | 0.11 | 0.10 | 0.33 | -0.23 | 0.02 | 0.10 | 0.40 | 0.15 | 0.20 |
| **Child Characteristic** | **r/MD** | **p** | **r/MD** | **p** | **r/MD** | **p** | **r/MD** | **p** | **r/MD** | **p** | **r/MD** | **p** | **r/MD** | **p** | **r/MD** | **p** | **r/MD** | **p** |
| Age at follow-up | 0.13 | 0.19 | 0.12 | 0.23 | 0.09 | 0.36 | 0.10 | 0.33 | 0.03 | 0.73 | 0.02 | 0.85 | -0.01 | 0.96 | 0.24 | 0.04 | 0.14 | 0.22 |
| Sex: Boy vs. Girl | 0.30 | 0.13 | 0.06 | 0.77 | 0.55 | 0.005 | 0.59 | 0.002 | 0.49 | 0.01 | -0.03 | 0.87 | -0.64 | 0.002 | -0.25 | 0.27 | -0.39 | 0.08 |
| CBCL=Child Behavior Checklist: SDQ=Strength and Difficulties Questionnaire: CSHQ; Children’s Sleep Habits Questionnaire: ASQ: Ages and Stages Questionnaire: HTKS=Head Toes Knees Shoulders-test: r=Pearson correlation coefficient: MD=Mean Difference. | | | | | | | | | | | | | | | | | | |