**Supplementary Table S4. The interaction between maternal very severe obesity status and child’s sex for the range of neuropsychiatric symptom scales.** F (p) was derived from the interaction term maternal obesity\*sex using univariate general linear model.

|  |  |  |  |
| --- | --- | --- | --- |
| **Psychiatric assessments** | | **F** | **p** |
| Conner’s questionnaire | | 1.92 | 0.168 |
| ESSENCE | | 2.85 | 0.095 |
| Strength and Difficulty Questionnaire | Hyperactivity scale | 2.88 | 0.093 |
| Emotional problem scale | 0.07 | 0.798 |
| Conduct problem scale | 3.05 | 0.084 |
| Peer-problem scale | 4.93 | **0.029** |
| Total difficulty scores | 0.70 | 0.407 |
| Strength scores | 0.33 | 0.565 |
| ASEBA DSM-IV | Affective problems | 0.00 | 0.947 |
| Anxiety problems | 1.10 | 0.298 |
| Pervasive developmental problems | 0.15 | 0.695 |
| Attention-deficit/ hyperactivity problems | 0.52 | 0.473 |
| Oppositional defiant problems | 1.32 | 0.254 |
| Syndrome scores of ASEBA CBCL | Emotionally reactive | 2.96 | 0.088 |
| Anxious/ Depressed | 1.24 | 0.269 |
| Somatic complaints | 0.69 | 0.410 |
| Withdrawn | 0.41 | 0.522 |
| Sleep problems | 0.07 | 0.794 |
| Attention problems | 0.01 | 0.931 |
| Aggressive behaviour | 2.11 | 0.149 |
| Other problems | 0.61 | 0.438 |
| ASEBA CBCL T scores | Internalising | 0.74 | 0.393 |
| Externalising | 1.12 | 0.293 |
| Total problems | 0.04 | 0.842 |
| CSHQ | Sleep problem scores | 1.31 | 0.253 |
| Sleeping time in weekdays | 1.44 | 0.232 |
| Sleeping time in weekend | 0.30 | 0.584 |
| Waking time in weekdays | 1.93 | 0.167 |
| Waking time in weekend | 0.00 | 0.959 |