**Supplementary Material**

This Supplement accompanies the article: *Attention-deficit/hyperactivity disorder and other neurodevelopmental disorders in offspring of parents with depression and bipolar disorder* by Propper, L., Sandstrom, A., Rempel, S, Abidi, S., Bagnell, A., Lovas, D., Alda, M., Pavlova, B., & Uher, R.

**Overlap between neurodevelopmental disorders**:

**Supplementary Table 1**. Number of neurodevelopmental disorders diagnosed in offspring. Columns represent groups defined by parental diagnosis.

|  |  |  |  |
| --- | --- | --- | --- |
| Parent diagnosis (N) | No diagnosis  (N=125) | Major depressive disorder (N=182) | Bipolar disorder  (N=93) |
| No  neurodevelopmental disorder: N (%) | 96 (77%) | 119 (65%) | 59 (63%) |
| One neurodevelopmental disorder: N (%) | 18 (14%) | 44 (24%) | 21 (23%) |
| Two neurodevelopmental disorders: N (%) | 10 (8%) | 14 (8%) | 9 (10%) |
| Three neurodevelopmental disorders: N (%) | 0 (0%) | 4 (2%) | 4 (4%) |
| Four neurodevelopmental disorders: N (%) | 1 (1%) | 0 (0%) | 0 (0%) |
| Five neurodevelopmental disorders: N (%) | 0 (0%) | 1 (1%) | 0 (0%) |

**Supplementary Table 2**. Overlap between ADHD and autism spectrum disorders in offspring. Columns represent groups defined by parental diagnosis.

|  |  |  |  |
| --- | --- | --- | --- |
| Parent diagnosis (N) | No  diagnosis  (N=125) | Major depressive disorder (N=182) | Bipolar disorder  (N=93) |
| Neither ADHD nor autism spectrum disorder: N (%) | 105 (84%) | 136 (75%) | 64 (69%) |
| ADHD only: N (%) | 16 (13%) | 39 (21%) | 26 (31%) |
| Autism spectrum disorder only: N (%) | 2 (2%) | 2 (1%) | 1 (1%) |
| Both ADHD and autism spectrum disorder: N (%) | 2 (2%) | 5 (3%) | 2 (2%) |

**Supplementary Table 3**. Overlap between ADHD and communication disorders in offspring. Columns represent groups defined by parental diagnosis.

|  |  |  |  |
| --- | --- | --- | --- |
| Parent diagnosis (N) | No  diagnosis  (N=125) | Major depressive disorder (N=182) | Bipolar disorder  (N=93) |
| Neither ADHD nor communication disorder: N (%) | 102 (82%) | 130 (71%) | 65 (70%) |
| ADHD only: N (%) | 15 (12%) | 38 (21%) | 22 (24%) |
| Communication disorder only: N (%) | 5 (4%) | 8 (4%) | 0 (0%) |
| Both ADHD and a communication disorder: N (%) | 3 (2%) | 6(3%) | 6 (6%) |