**Supplementary Material** for **“Observed Psychopathology in Offspring of Parents with Major Depressive Disorder, Bipolar Disorder and Schizophrenia”**

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Table S1

*Pairwise Comparison of observed psychopathology domains between familial high-risk groups.*

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | MDD vs. BD | | | MDD vs. SZ | | | BD vs. SZ | | |
|  | Beta | 95% C.I | p- Value | Beta | 95% C.I | p-value | Beta | 95% C.I | p-value |
| Attention Problems | .27 | -.02 to .56 | 0.068 | .17 | -.26 to .60 | 0.441 | .036 | -.53 to .60 | 0.899 |
| Oppositional Behavior | .32 | .01 to .64 | 0.043 | -.04 | -.37 to .30 | 0.833 | -.37 | 1.0 to .25 | 0.244 |
| Language and Thought | .07 | -.15 to .30 | 0.509 | -.078 | -.40 to .24 | 0.631 | -.10 | -.41 to .21 | 0.518 |
| Anxious | .08 | -.15 to .31 | 0.503 | -.26 | -.59 to .06 | 0.11 | -.40 | -.76 to -.04 | 0.031 |
| Withdrawn/ Depressed | .06 | -.14 to .25 | 0.557 | -.14 | -.42 to .15 | 0.339 | -.19 | -.51 to .12 | 0.230 |

MDD = Major Depressive Disorder, BD= Bipolar Disorder, SZ = Schizophrenia, C.I = Confidence Interval

Table S2

*The estimate of differences in observed psychopathology domains in familial high-risk groups compared to offspring of parents without mood or psychotic disorders after controlling for IQ*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Attention ProblemS | | | Oppositional Behavior | | | Anxious | | | Withdrawn/Depressed | | | Language and Thought | | |
|  | Beta | 95% C.I | p- Value | Beta | 95% C.I | p-value | Beta | 95% C.I | p-value | Beta | 95% C.I | p-value | Beta | 95% C.I | p-value |
| Offspring of parents with MDD  N = 164 | .24 | -.074 to .57 | 0.133 | .24 | -.049 to .54 | 0.102 | .13 | -.14 to .39 | 0.338 | -.099 | -.34 to .14 | 0.411 | .17 | .053 to .40 | 0.134 |
| Offspring of Parents with BD  N=82 | .40 | .038 to .76 | 0.030 | .51 | .18 to .84 | 0.003 | .18 | -.11 to .48 | 0.223 | .005 | -.28 to .26 | 0.969 | .22 | .034 to .48 | 0.089 |
| Offspring of parents with SZ  N = 27 | .37 | -.14 to .88 | 0.156 | -.009 | -.48 to .46 | 0.968 | -.27 | -.69 to .16 | 0.218 | -.21 | -.59 to .17 | 0.274 | -.05 | -.40 to .30 | 0.797 |

MDD = Major Depressive Disorder, BD= Bipolar Disorder, SZ = Schizophrenia, C.I = Confidence Interval

Table S3

*The estimate of differences in observed psychopathology domains in familial high-risk groups compared to offspring of parents without mood or psychotic disorders for offspring between 3 and 18 years old*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Attention ProblemS | | | Oppositional Behavior | | | Anxious | | | Withdrawn/Depressed | | | Language and Thought | | |
|  | Beta | 95% C.I | p- Value | Beta | 95% C.I | p-value | Beta | 95% C.I | p-value | Beta | 95% C.I | p-value | Beta | 95% C.I | p-value |
| Offspring of parents with MDD  N = 154 | .30 | .021 to .58 | 0.035 | .28 | -.005 to .56 | 0.054 | .18 | -.013 to .38 | 0.067 | -.054 | -.25 to .14 | 0.589 | .22 | .009 to .43 | 0.041 |
| Offspring of Parents with BD  N=74 | .55 | .22 to .87 | 0.001 | .58 | .25 to .91 | 0.001 | .29 | .068 to .52 | 0.011 | .026 | -.20 to .25 | 0.824 | .29 | .044 to .53 | 0.020 |
| Offspring of parents with SZ  N = 24 | .54 | .08 to 1.00 | 0.022 | .14 | -.33 to .60 | 0.567 | -.07 | -.40 to .26 | 0.666 | -.13 | -.46 to .19 | 0.429 | .17 | -.18 to .52 | 0.52 |

MDD = Major Depressive Disorder, BD= Bipolar Disorder, SZ = Schizophrenia, C.I = Confidence Interval