|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  | *P-value* | | | |  | *Effect* | | | |
| **Disorder** | **Subphenotype** | **N** | **Cases** | **Controls** |  | **BPSCZ** | **BP** | **SCZ** | **BAS** |  | **BPSCZ** | **BP** | **SCZ** | **BAS** |
| BD | psychosis | 8131 | 4632 | 3499 |  | **7.9E-13** | **5.3E-05** | **1.2E-10** | 5.8E-01 |  | 7.17 | 4.04 | 6.45 | 0.55 |
|  | suicide ideation | 5399 | 3801 | 1598 |  | 7.8E-01 | 1.8E-01 | 8.7E-01 | 1.7E-01 |  | -0.28 | -1.35 | 0.16 | 1.37 |
|  | family history | 4971 | 2730 | 2241 |  | 6.1E-02 | 2.8E-01 | 2.6E-01 | 6.9E-01 |  | 1.87 | 1.09 | 1.13 | -0.39 |
|  | irritable mania | 4230 | 2401 | 1829 |  | 3.8E-01 | 4.1E-01 | 7.1E-01 | 1.0E-01 |  | 0.88 | 0.83 | 0.38 | -1.63 |
|  | rapid cycling | 5214 | 1744 | 3470 |  | 7.9E-03 | 5.1E-02 | 5.5E-02 | 3.1E-01 |  | -2.66 | -1.95 | -1.92 | 1.01 |
|  | alcohol substance dependence | 5440 | 1494 | 3946 |  | 4.5E-01 | 2.1E-01 | 2.8E-02 | 1.7E-01 |  | -0.75 | 1.25 | -2.20 | -1.36 |
|  | panic disorder | 4647 | 863 | 3784 |  | 2.8E-01 | 1.8E-01 | 6.3E-01 | 4.0E-01 |  | -1.07 | -1.33 | -0.49 | 0.83 |
|  | panic attacks | 3976 | 851 | 3125 |  | 1.3E-01 | 1.1E-02 | 9.0E-01 | 4.7E-02 |  | -1.50 | -2.56 | 0.13 | 1.98 |
|  | mixed states | 4044 | 826 | 3218 |  | 1.0E-01 | 4.2E-02 | 4.8E-01 | 6.0E-02 |  | -1.64 | -2.03 | -0.71 | 1.88 |
|  | unipolar mania | 4863 | 461 | 4402 |  | 2.4E-02 | 2.5E-01 | 4.3E-01 | 6.1E-01 |  | 2.26 | 1.14 | 0.78 | 0.51 |
|  | comorbid migraine | 2652 | 410 | 2242 |  | 1.3E-02 | 1.2E-03 | 7.2E-01 | 4.4E-01 |  | -2.48 | -3.23 | -0.36 | 0.77 |
|  | comorbid OCD | 4215 | 386 | 3829 |  | 9.7E-01 | 1.0E-01 | 3.1E-01 | 1.9E-01 |  | -0.04 | -1.64 | 1.02 | 1.30 |
|  | comorbid eating disorder | 3839 | 331 | 3508 |  | 2.1E-01 | 6.7E-02 | 8.1E-01 | 6.3E-01 |  | -1.25 | -1.83 | 0.24 | 0.48 |
|  | suicide attempt | 6308 | 2412 | 3896 |  | 1.2E-01 | 1.4E-02 | 5.3E-01 | 2.8E-01 |  | -1.54 | -2.45 | -0.63 | 1.09 |
|  | age of onset | 8610 |  |  |  | 6.2E-03 | 9.3E-01 | 7.9E-04 | 6.2E-01 |  | -2.74 | 0.09 | -3.36 | -0.50 |
|  | age at interview | 8062 |  |  |  | 5.9E-01 | 1.9E-02 | 5.7E-01 | 4.4E-01 |  | 0.54 | 2.35 | -0.57 | -0.78 |
|  | episodes mixed mania | 6587 |  |  |  | 6.3E-01 | 2.6E-01 | 5.6E-01 | 3.2E-01 |  | -0.48 | 1.13 | -0.58 | -1.00 |
|  | episodes depressive | 6252 |  |  |  | 7.4E-03 | 7.6E-01 | 1.6E-02 | 9.6E-01 |  | -2.68 | -0.31 | -2.42 | -0.05 |
|  | episodes total | 5958 |  |  |  | 1.3E-01 | 8.9E-01 | 2.6E-01 | 3.9E-01 |  | -1.51 | -0.14 | -1.13 | -0.87 |
|  | year of birth | 5317 |  |  |  | 1.7E-01 | 1.3E-01 | 4.0E-02 | 3.6E-02 |  | 1.39 | -1.53 | 2.05 | 2.10 |
|  | number of suicide attempts | 5015 |  |  |  | 6.2E-02 | 1.9E-01 | 2.7E-01 | 4.9E-01 |  | -1.87 | -1.30 | -1.10 | -0.69 |
|  | number of hospitalizations | 3944 |  |  |  | 4.2E-04 | 1.5E-02 | 2.5E-02 | 7.4E-01 |  | 3.53 | 2.43 | 2.25 | -0.33 |
|  | age of onset depression | 3467 |  |  |  | 2.3E-01 | 4.0E-01 | 7.2E-02 | 2.2E-01 |  | -1.19 | 0.83 | -1.80 | 1.24 |
|  | age of onset mania | 3395 |  |  |  | 2.5E-01 | 6.1E-02 | 1.9E-02 | 2.2E-01 |  | -1.14 | 1.87 | -2.35 | -1.23 |
| SCZ | Manic | 6908 |  |  |  | 2.4E-02 | **2.0E-05** | 9.9E-01 | 3.5E-02 |  | 2.26 | 4.26 | 0.01 | -2.10 |
|  | Depressive | 6907 |  |  |  | 9.0E-01 | 5.7E-01 | 7.4E-01 | 1.8E-01 |  | 0.13 | -0.57 | -0.33 | -1.36 |
|  | Negative | 8355 |  |  |  | **1.5E-05** | 2.9E-01 | **3.6E-06** | 2.1E-02 |  | 4.33 | 1.06 | 4.64 | 2.31 |
|  | Positive | 8259 |  |  |  | 4.1E-01 | 9.9E-01 | 3.7E-01 | 5.1E-01 |  | 0.82 | 0.01 | 0.89 | 0.65 |