**Supplementary Table 1**. Number of subjects per cohort contributing to PRS calculation used in our analyses as of July 2016.

|  |  |  |
| --- | --- | --- |
| **Dataset** | **N cases** | **N controls** |
| GERA | 7 162 | 38 307 |
| deCODE | 1 980 | 9 536 |
| Generation Scotland | 997 | 6 358 |
| iPSYCH | 16 242 | 15 847 |
| UK Biobank | 8 248 | 16 089 |
| PGC-MDD core | 14 895 | 23 937 |
| Total | 49 524 | 110 074 |