**Supplementary Table 1: Age of onset (in years) of psychiatric disorders in *C9orf72* carrier and non-carrier kindreds. Cox regression analysis hazard ratio (HR) with 95% confidence intervals (CI) shows effect of genetic status on survival in family members with psychiatric disorders.**

\* not calculated as all family members are still alive, \*\* survival not calculated for suicide

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Age of Onset** | | | **Survival** | | | |
|  | ***C9orf72***  **carriers (SD)** | ***C9orf72***  **non-carriers (SD)** | ***p* value** | **HR** | **95% CI**  **Lower** | **95% CI**  **Upper** | ***p* value** |
|  |  |  |  |  |  |  |  |
| **ASD** | 6.1 (1.9) | 5.9 (2.1) | 0.8 | 0.5 | 0.03 | 10.6 | 0.9 |
| **Schizophrenia** | 22.3 (4.6) | 27.4 (8.4) | 0.4 | 0.2 | 0.02 | 1.8 | 0.2 |
| **Bipolar Disorder** | 29.5 (19.1) | 21.8 (5.5) | 0.7 | \* |  |  |  |
| **Mood Disorder** | 28.2 (11.9) | 31.3 (11.5) | 0.7 | 0.9 | 0.3 | 2.6 | 0.8 |
| **Suicide** | 38 (17.6) | 43.6 (12.7) | 0.4 | \*\* |  |  |  |