**S17 Table.** Summary of sleep-midpoint by *PER2* loss-of-function carrier status in the UK Biobank.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **All Nights** | | | | | **Sleep Midpoint (Weeknights)** | | | | | **Sleep Midpoint (Weekend nights)** | | | | |
| **Carrier Status** | **N** | **Mina** | **Maxb** | **Mean (SDc)** | **Pd** | **N** | **Mina** | **Maxb** | **Mean (SDc)** | **Pd** | **N** | **Mina** | **Maxb** | **Mean (SDc)** | **Pd** |
| Non-Carrier | 34,585 | 19.45 | 30.59 | 27.01 (0.85) | <0.0001 | 34,550 | 19.22 | 30.59 | 26.92 (0.91) | <0.0001 | 33,677 | 18.92 | 32.68 | 27.27 (1.26) | 0.029 |
| Carrier | 16 | 24.04 | 27.11 | 26.05 (0.99) | 16 | 24.04 | 27.23 | 25.9 (1.06) | 15 | 25.04 | 28.21 | 26.56 (0.97) |

aMinimum; bMaximum; cStandard Deviation; dP-value derived from 2-sided t-test.