**S4 Table. Refractive error “growth trajectory” analysis in ALSPAC subjects. Full model (n = 4,461).**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **Beta** | **SE** | **DF** | **t-value** | **P-value** |
| rs188663068 (reference = GG) | 1.00 × 10-02 | 1.30 × 10-01 | 4457 | 1.20 × 10-01 | 9.07 × 10-01 |
| Time reading (reference = “Low”) | -5.00 × 10-02 | 3.00 × 10-02 | 4457 | -1.90 | 5.70 × 10-02 |
| Age | -23.56 | 8.50 × 10-01 | 15208 | -27.82 | < 1.00 × 10-99 |
| Age2 | -3.38 | 4.00 × 10-01 | 15208 | -8.55 | 1.40 × 10-17 |
| Age3 | 2.96 | 3.80 × 10-01 | 15208 | 7.81 | 6.13 × 10-15 |
| rs188663068 × Time reading | -1.2 × 10-01 | 1.90 × 10-01 | 4457 | -6.50 × 10-01 | 5.17 × 10-01 |
| rs188663068 × Age | 0.00 | 2.00 × 10-02 | 15208 | 7.00 × 10-02 | 9.46 × 10-01 |
| Time reading × Age  | -2.00 × 10-02 | 0.00 | 15208 | -5.24 | 1.61 × 10-07 |
| rs188663068 × Time reading × Age | -8.00 × 10-02 | 3.00 × 10-02 | 15208 | -2.84 | 4.00 × 10-03 |

SE, standard error of beta coefficient; DF, degrees of freedom.