| **Characteristic** | **OR** | **95% CI** | **p-value** |
| --- | --- | --- | --- |
| Significant\_Decline\_Processing\_R |  |  |  |
| No | — | — |  |
| Yes | 1.65 | 0.85, 2.96 | 0.11 |
| Recent\_transition |  |  |  |
| N | — | — |  |
| Y | 0.28 | 0.06, 0.84 | 0.046 |
| Yrs\_OC | 0.98 | 0.95, 1.01 | 0.2 |
| Yrs\_HRT | 1.01 | 0.96, 1.06 | 0.6 |
| Age.when.attended.assessment.centre...Instance.0 | 1.23 | 1.16, 1.31 | <0.001 |
| LOE | 1.00 | 0.96, 1.05 | 0.9 |
| Number.of.live.births...Instance.0 | 0.99 | 0.81, 1.19 | 0.9 |
| APOE4 |  |  |  |
| N | — | — |  |
| Y | 4.67 | 2.96, 7.47 | <0.001 |
| Townsend.deprivation.index.at.recruitment | 0.95 | 0.87, 1.04 | 0.3 |
| Ever.smoked...Instance.0 |  |  |  |
| No | — | — |  |
| Yes | 1.06 | 0.67, 1.69 | 0.8 |
| Alcohol.drinker.status...Instance.0 |  |  |  |
| Current | — | — |  |
| Never | 0.24 | 0.01, 1.14 | 0.2 |
| Previous | 1.99 | 0.59, 5.09 | 0.2 |
| merged\_BMI\_column | 1.01 | 0.96, 1.06 | 0.7 |
| Sleep\_duration\_num | 1.14 | 0.91, 1.41 | 0.3 |
| Seen.doctor..GP..for.nerves..anxiety..tension.or.depression...Instance.0 |  |  |  |
| No | — | — |  |
| Yes | 1.35 | 0.84, 2.13 | 0.2 |
| Diabetes.diagnosed.by.doctor...Instance.0 |  |  |  |
| No | — | — |  |
| Yes | 1.45 | 0.34, 4.20 | 0.6 |
| High\_blood\_pressure |  |  |  |
| N | — | — |  |
| Y | 1.07 | 0.62, 1.78 | 0.8 |
| Qualifications | 0.94 | 0.83, 1.06 | 0.3 |
| Fish\_oil\_combined |  |  |  |
| N | — | — |  |
| Y | 1.32 | 0.83, 2.09 | 0.2 |
| Vitamin.B |  |  |  |
| N | — | — |  |
| Y | 0.99 | 0.36, 2.31 | >0.9 |
| Vitamin.D |  |  |  |
| N | — | — |  |
| Y | 1.69 | 0.77, 3.36 | 0.2 |
| Significant\_Decline\_Processing\_R \* Recent\_transition |  |  |  |
| Yes \* Y | 5.85 | 0.97, 35.5 | 0.045 |
| Abbreviations: CI = Confidence Interval, OR = Odds Ratio | | | |