|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Victimization | | | | | | |
| Model | AIC | Likelihood | Nested in | χ2 | ∆*df* | *p* |
| ACE | 6180.04 | -3086.02 | -- | -- | -- | -- |
| **AE** | **6178.05** | **-3086.02** | ACE | 0 | 1 | 1 |
| CE | 6219.73 | -3106.86 | ACE | 41.68 | 1 | 1.08e-10 |
| E | 6357.84 | -3176.92 | AE | 181.79 | 1 | 2.20e-16 |
| Depression | | | | | | |
| Model | AIC | -(∆) LL | Nested in | *χ2* | ∆df | *p* |
| ACE | 7078.66 | -3535.33 | -- | -- | -- | -- |
| **AE** | **7076.66** | **-3535.33** | ACE | 0.32 | 1 | 1 |
| CE | 7088.23 | -3541.11 | ACE | 11.57 | 1 | 0.0007 |
| E | 7151.20 | -3573.60 | AE | 76.54 | 1 | 2.20e-16 |

**Twin Research and Human Genetics**

**SUPPLEMENTARY MATERIAL**

**Causality and Pleiotropy in the Association Between Bullying-Victimization in Adolescence and Depressive Episodes in Adulthood**

Tina Kretschmer, Felix C. Tropf, and Nynke M. D. Niezink

Table S1. Overview of model fit comparisons for all estimated twin models for TwinsUK

Note: Bold type = best fitting while parsimonious model.