**Supplementary material**
Lindgren et al. Exposure to common infections and risk of suicide and self-harm – a longitudinal general population study

**Table 4.** Multinomial logistic regression model of lifetime suicide attempts in the PIF subsample (n=694); all variables entered in the model simultaneously. The reference category is No suicide attempts.

|                          | One suicide attempt | Multiple suicide attempts |
|--------------------------|---------------------|--------------------------|
|                          | OR                  | 95% CI for OR            | Sig. |
|                          | Lower   | Upper | OR                  | 95% CI for OR            | Sig. |
| Gender                   |         |       |                     |                      |      |
| Male                     | 1.30    | 0.67  | 2.56               | 0.440                | 0.91 | 0.48 | 1.73 | 0.769 |
| Female                   |         |       |                     |                      |      |
| Age                      | 0.99    | 0.96  | 1.02               | 0.584                | 0.94 | 0.92 | 0.97 | <0.001 |
| Education                |         |       |                     |                      |      |
| Basic                    | 0.59    | 0.25  | 1.38               | 0.224                | 6.44 | 2.30 | 18.02 | <0.001 |
| Secondary                | 0.76    | 0.33  | 1.73               | 0.508                | 2.92 | 1.02 | 8.41  | 0.047 |
| High                     |         |       |                     |                      |      |
| Number of siblings       | 0.87    | 0.75  | 1.01               | 0.067                | 0.91 | 0.80 | 1.04 | 0.182 |
| Region of residence in Finland |         |       |                     |                      |      |
| Southern                 | 0.49    | 0.16  | 1.50               | 0.209                | 0.80 | 0.31 | 2.09 | 0.656 |
| Southwestern             | 0.51    | 0.12  | 2.19               | 0.366                | 0.90 | 0.27 | 3.04 | 0.861 |
| Western                  | 1.29    | 0.42  | 3.95               | 0.656                | 1.11 | 0.38 | 3.24 | 0.848 |
| Eastern                  | 1.87    | 0.66  | 5.31               | 0.242                | 1.18 | 0.41 | 3.40 | 0.758 |
| Northern                 |         |       |                     |                      |      |
| Plate used in the assays |         |       |                     |                      |      |
| Plate 0                  | 0.94    | 0.47  | 1.90               | 0.863                | 1.07 | 0.53 | 2.13 | 0.859 |
| Plate 1                  |         |       |                     |                      |      |
| Screen status            |         |       |                     |                      |      |
| Screen-positive: suspicion of severe mental disorder | 3.26 | 0.97 | 11.01 | 0.057 | 4.27 | 1.26 | 14.45 | 0.020 |
| Screen-negative: controls |         |       |                     |                      |      |
| C-reactive protein       | 1.34    | 1.09  | 1.64               | 0.006                | 1.33 | 1.10 | 1.62 | 0.004 |
| CMV IgG seroprevalence   |         |       |                     |                      |      |
| Positive                 | 2.24    | 0.65  | 7.75               | 0.202                | 0.40 | 0.20 | 0.83 | 0.014 |
| Negative                 |         |       |                     |                      |      |

Significant values in bold.
OR, odds ratio
CI, confidence interval
Table 5. Multinomial logistic regression model of lifetime suicide attempts in males in the PIF subsample (n=309); all variables entered in the model simultaneously. The reference category is No suicide attempts.

|                                             | One suicide attempt |                             | Multiple suicide attempts |                             |
|---------------------------------------------|---------------------|------------------------------|---------------------------|------------------------------|
|                                             | OR                  | 95% CI for OR                | Sig.                      | OR                          | 95% CI for OR                | Sig.                      |
|                                             | Lower               | Upper                        |                           | Lower                       | Upper                        |                           |
| Age                                         | 0.99                | 0.95                         | 1.03                      | 0.532                       | 0.90                         | 0.86                      | 0.95                       | <0.001                      |
| Education                                   |                     |                              |                           |                             |                              |                           |                             |                              |
| Basic                                       | 1.32                | 0.39                         | 4.43                      | 0.657                       | 9.16                         | 1.78                      | 47.08                      | 0.008                      |
| Secondary                                   | 0.77                | 0.21                         | 2.92                      | 0.705                       | 2.77                         | 0.52                      | 14.60                      | 0.231                      |
| High                                        |                     |                              |                           |                             |                              |                           |                             |                              |
| Number of siblings                          | 0.87                | 0.71                         | 1.07                      | 0.189                       | 1.01                         | 0.84                      | 1.22                       | 0.911                      |
| Region of residence in Finland              |                     |                              |                           |                             |                              |                           |                             |                              |
| Southern                                    | 0.42                | 0.08                         | 2.28                      | 0.316                       | 1.01                         | 0.29                      | 3.51                       | 0.989                      |
| Southwestern                                | 0.52                | 0.08                         | 3.56                      | 0.508                       | 0.27                         | 0.03                      | 2.66                       | 0.262                      |
| Western                                     | 1.74                | 0.38                         | 7.93                      | 0.473                       | 0.85                         | 0.19                      | 3.80                       | 0.826                      |
| Eastern                                     | 2.40                | 0.55                         | 10.43                     | 0.244                       | 1.42                         | 0.34                      | 6.02                       | 0.633                      |
| Northern                                    |                     |                              |                           |                             |                              |                           |                             |                              |
| Plate used in the assays                    |                     |                              |                           |                             |                              |                           |                             |                              |
| Plate 0                                     | 1.61                | 0.52                         | 4.94                      | 0.406                       | 0.76                         | 0.27                      | 2.13                       | 0.607                      |
| Plate 1                                     |                     |                              |                           |                             |                              |                           |                             |                              |
| Screen status                               |                     |                              |                           |                             |                              |                           |                             |                              |
| Screen-positive: suspicion of severe mental disorder | 2.16                | 0.57                         | 8.17                      | 0.256                       | 4.06                         | 0.83                      | 19.89                      | 0.083                      |
| Screen-negative: controls                   |                     |                              |                           |                             |                              |                           |                             |                              |
| C-reactive protein                          | 1.24                | 0.94                         | 1.64                      | 0.134                       | 1.40                         | 1.07                      | 1.84                       | 0.015                      |
| EBV IgG antibody level                      | 2.13                | 1.11                         | 4.09                      | 0.024                       | 1.59                         | 0.80                      | 3.12                       | 0.183                      |

Significant values in bold.
OR, odds ratio
CI, confidence interval