**Supplementary Table 3: Correlations between the incidence of each category of infectious disease and mood disorders, adjusted for other categories of infectious disease**

**Table 3a: Cross-sectional correlations**

|  |  |  |
| --- | --- | --- |
| **Correlation** | **1990** | **2019** |
| **Upper respiratory infections**  **x Major depressive disorder x Bipolar disorder** | -.11 (.108)  .45 (<.001)\*\* | .08 (.241)  .01 (.877) |
| **Lower respiratory infections**  **x Major depressive disorder x Bipolar disorder** | .12 (.107)  .11 (.126) | .12 (.101)  .05 (.520) |
| **Enteric infections**  **x Major depressive disorder x Bipolar disorder** | -.16 (.026)\*  -.25 (<.001)\* | .04 (.554)  -.15 (.039)\* |
| **Nematode infections**  **x Major depressive disorder x Bipolar disorder** | -.04 (.601)  -.08 (.219) | -.02 (.785)  -.04 (.541) |
| **Tropical infections**  **x Major depressive disorder x Bipolar disorder** | -.09 (.226)  .18 (.013)\* | -.12 (.085)  -.05 (.518) |
| **Other infectious diseases**  **x Major depressive disorder x Bipolar disorder** | .05 (.480)  -.27 (<.001)\*\* | .09 (.231)  -.05 (.496) |

**Table 3b: Correlations between percentage changes**

|  |  |  |
| --- | --- | --- |
| **Disease category** | **Major depressive disorder** | **Bipolar disorder** |
| **Upper respiratory infections** | -.07 (.352) | .66 (<.001)\*\* |
| **Lower respiratory infections** | .29 (<.001)\*\* | -.01 (.905) |
| **Enteric infections** | -.14 (.047)\* | -.23 (.001)\* |
| **Nematode infections** | -.14 (.058) | -.03 (.640) |
| **Tropical infections** | -.21 (.003)\* | -.14 (.046)\* |
| **Other infectious diseases** | -.09 (.209)\* | -.02 (.773) |

**Note:** All correlations are presented as Spearman’s partial ρ (*p*-value). All partial correlations are adjusted for the other categories of infectious disease (e.g., the correlation “upper respiratory infections x major depressive disorder” is adjusted for lower respiratory, enteric, nematode, tropical, and other infections).  
\* *p* < .05, uncorrected.  
\*\* *p* < .05 after Bonferroni correction for multiple comparisons.