

**Supplement 4.** Odds ratios and confidence intervals for economic and work-related variables explaining severe food insecurity among Finnish Service Union United members, 2018-2019.

| Covariate   | N (%)      | Severe food insecurity |             |
|---|------------|------------------------|-------------|
|   |            | OR*                    | 95% CI      |
| Employment status                                   | 6435 (100) |                        |             |
| Employed  |            | 1.00                   |             |
| Partly working, partly retired                      |            | 0.85                   | 0.59-1.23   |
| Unemployed or laid-off                              |            | 1.55                   | 1.30-1.84   |
| Student   |            | 1.34                   | 1.03-1.73   |
| Parental leave/stay at home parent                  |            | 1.06                   | 0.77-1.45   |
| Long-term sick leave (over 6 months)                |            | 1.38                   | 0.94-2.04   |
| Retired   |            | 0.59                   | 0.45-0.77   |
| Other or out of work for other reasons              |            | 1.50                   | 1.21-1.88   |
| Employment industry                                 | 6435 (100) |                        |             |
| Retail  |            | 1.00                   |             |
| Hospitality   |            | 1.38                   | 1.13-1.70   |
| Property maintenance                                |            | 1.31                   | 1.02-1.68   |
| Other (including security and hairdressing)         |            | 1.10                   | 0.88-1.37   |
| Missing data  | 3631 (56)  | 1.50                   | 1.31-1.71   |
| Earned income in state taxation (monthly)†          | 6429 (100) |                        |             |
| 0-999€  |            | 2.27                   | 1.85-2.78   |
| 1000-1599€  |            | 1.73                   | 1.48-2.03   |
| 1600-1999€  |            | 1.38                   | 1.18-1.62   |
| 2000-2499€  |            | 1.19                   | 1.03-1.37   |
| 2500€+  |            | 1.00                   |             |
| Current transfers received (monthly)†               | 6429 (100) |                        |             |
| 0-9€  |            | 1.00                   |             |
| 10-199€   |            | 1.12                   | 0.97-1.30   |
| 200-399€  |            | 1.41                   | 1.18-1.70   |
| 400-799€  |            | 1.59                   | 1.36-1.86   |
| 800-1200€   |            | 1.40                   | 1.16-1.68   |
| 1200€+  |            | 1.59                   | 1.34-1.88   |
| How well can households cover expenses with income? | 6435 (100) |                        |             |
| With great difficulty                               |            | 14.67                  | 10.50-20.50 |
| With difficulty                                     |            | 8.02                   | 6.02-10.69  |
| With small difficulties                             |            | 3.82                   | 2.93-4.98   |
| Quite easily  |            | 2.06                   | 1.57-2.70   |
| Easily  |            | 1.47                   | 1.10-1.96   |
| Very easily   |            | 1.00                   |             |

\*Univariate binary logistic regression analysis

†Data from 2018, all other data from 2019.