Supplementary Figure 1. Generalized estimating equation post-hoc predictive margins prediction for probability of frailty (0,1) over time by food insecurity (FI) and vision impairment (VI) status

En bild som visar text, linje, diagram, Parallell

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Supplementary Figure 2. Generalized estimating equation post-hoc predictive margins prediction for probability of risk of multiple falls in last year (0,1) over time by food insecurity (FI) and vision impairment (VI) status

En bild som visar text, linje, diagram, Parallell

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| Supplementary Table 1. Baseline characteristics for the survey weighted population by food insecurity (FI) and vision impairment (VI) status, proportion or mean (SE) | | | | | | |
|  | No FI or VI | FI, no VI | VI, no FI | FI and VI | Total | p |
| **Women** | 0,4925 | 0,0188 | 0,0485 | 0,0066 | 0,5665 | <0.001 |
| **Age group** |  |  |  |  |  |  |
| 65-69 | 0,2114 | 0,0051 | 0,0078 | 0,0011 | 0,2254 | <0.001 |
| 70-74 | 0,2431 | 0,0077 | 0,0102 | 0,0019 | 0,263 |  |
| 75-79 | 0,1859 | 0,0061 | 0,0134 | 0,0018 | 0,2072 |  |
| 80-84 | 0,1341 | 0,0044 | 0,015 | 0,0012 | 0,1547 |  |
| 85-89 | 0,0804 | 0,0038 | 0,0138 | 0,002 | 0,0999 |  |
| 90+ | 0,0361 | 0,0014 | 0,0114 | 9,40E-04 | 0,0498 |  |
| **Race** |  |  |  |  |  |  |
| White | 0,7332 | 0,0208 | 0,0508 | 0,0057 | 0,8105 | <0.001 |
| Black | 0,0704 | 0,0028 | 0,0086 | 4,70E-04 | 0,0823 |  |
| Other | 0,0873 | 0,0049 | 0,0122 | 0,0028 | 0,1072 |  |
| **Married** | 0,8486 | 0,0261 | 0,0675 | 0,008 | 0,9501 | 0,053 |
| **Education** |  |  |  |  |  |  |
| **<HS** | 0,1706 | 0,0093 | 0,0261 | 0,0043 | 0,2104 | <0.001 |
| **HS grad** | 0,2498 | 0,0062 | 0,0209 | 0,0016 | 0,2785 |  |
| **>HS** | 0,4704 | 0,013 | 0,0249 | 0,0028 | 0,5111 |  |
| **Total income** |  |  |  |  |  |  |
| 1 | 0,1275 | 0,0087 | 0,0202 | 0,0037 | 0,1602 | <0.001 |
| 2 | 0,1489 | 0,0092 | 0,0167 | 0,002 | 0,1768 |  |
| 3 | 0,1568 | 0,0036 | 0,0169 | 0,0018 | 0,1791 |  |
| 4 | 0,1987 | 0,0049 | 0,0115 | 9,40E-04 | 0,2161 |  |
| 5 | 0,259 | 0,0021 | 0,0063 | 4,80E-04 | 0,2679 |  |
| **Community dwelling** | 0,8424 | 0,0258 | 0,0613 | 0,0069 | 0,9363 | <0.001 |
| **Body Mass Index classification** | |  |  |  |  |  |
| <18.5 | 0,0145 | 8,20E-04 | 0,0029 | 7,10E-04 | 0,0189 | <0.001 |
| 18.5-24.9 | 0,2977 | 0,0079 | 0,0259 | 0,0028 | 0,3342 |  |
| 25.0-29.9 | 0,3423 | 0,0096 | 0,0214 | 0,0022 | 0,3756 |  |
| ≥30.0 | 0,2403 | 0,0103 | 0,0179 | 0,0028 | 0,2713 |  |
| **Waist circumference** | 39.6 (0.12) | 40.4 (0.63) | 40.3 (0.40) | 40.6 (1.03) | |  |
| **Overall health** | 2.6 (0.02) | 3.8 (0.05) | 3.3 (0.06) | 3.9 (0.11) |  |  |
| **Current smoker** | 0,1251 | 0,0069 | 0,0144 | 0,0011 | 0,1475 | 0,014 |
| **Heart attack** | 0,0228 | 0,0022 | 0,0025 | 0,001 | 0,0286 | <0.001 |
| **Heart disease** | 0,1681 | 0,0088 | 0,0186 | 0,0029 | 0,1984 | <0.001 |
| **HTN** | 0,5783 | 0,0216 | 0,0541 | 0,0069 | 0,6609 | <0.001 |
| **Diabetes** | 0,213 | 0,0092 | 0,0241 | 0,0036 | 0,25 | <0.001 |
| **Stroke** | 0,018 | 0,0012 | 0,0051 | 7,80E-04 | 0,025 | <0.001 |
| **Cancer** | 0,0528 | 0,0017 | 0,0044 | 4,60E-04 | 0,0594 | 0,987 |
| **Dementia** | 0,0383 | 0,0013 | 0,0132 | 5,20E-04 | 0,0534 | <0.001 |
| **Depression** | 2.8 (0.02) | 4.3 (0.16) | 3.5 (0.08) | 4.4 (0.22) |  |  |
| **Anxiety** | 2.7 (0.02) | 4.3 (0.16) | 3.3 (0.08) | 4.6 (0.27) |  |  |
| **Frail** | 0,1004 | 0,0107 | 0,0188 | 0,0047 | 0,1345 | <0.001 |
| **Fall in last month** | 0,0915 | 0,0074 | 0,0154 | 0,0032 | 0,1174 | <0.001 |
| **Fall in last year** | 0,2065 | 0,0091 | 0,0198 | 0,0024 | 0,2378 | <0.001 |
| **Multiple falls** | 0,3569 | 0,0282 | 0,0571 | 0,0127 | 0,4549 |  |
| Sample size, n=5963, representing, n=33,346,365 | | | |  |  |  |