**Supplementary table 1. Adjusted1 odds ratios2 (OR) with 95% confidence intervals (CI) of long-term sickness absence (SA)/disability pension(DP), unemployment, old-age pension, emigration, and death as opposed to not in 2012, presented for all people aged 30-54 and in paid work in Sweden in 2001 (N=2 194 694), as well as for women (n=1 082 490) and men (n=1 112 204).**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **On SA and/or DP >183 net days** | **Unemployed >183 days** | **Old-age pension** | **Emigrated** | **Dead** |
|  | **Adjusted OR (95% CI)** | **Adjusted OR (95% CI)** | **Adjusted OR (95% CI)** | **Adjusted OR (95% CI)** | **Adjusted OR (95% CI)** |
| **All** |  |  |  |  |  |
| *Sex* |  |  |  |  |  |
| Women | 1.58 (1.55-1.60) | 0.93 (0.92-0.94) | 0.81 (0.80-0.83) | 0.69 (0.67-0.71) | 0.71 (0.70-0.73) |
| Men | Ref | Ref | Ref | Ref | Ref |
| *Age group* |  |  |  |  |  |
| 25-34 years | 0.61 (0.60-0.62) | 0.79 (0.77-0.80) | 0.58 (0.51-0.67) | 1.40 (1.35-1.44) | 0.44 (0.42-0.46) |
| 35-44 years | Ref | Ref | Ref | Ref | Ref |
| 45-54 years | 2.08 (2.05-2.11) | 1.35 (1.33-1.36) | 81.13 (75.70-86.96) | 0.70 (0.67-0.72) | 2.90 (2.83-2.97) |
| *Birth country* |  |  |  |  |  |
| Sweden | Ref | Ref | Ref | Ref | Ref |
| Other Nordic country | 1.35 (1.31-1.39) | 1.31 (1.28-1.35) | 1.03 (0.99-1.07) | 9.81 (9.42-10.23) | 1.34 (1.28-1.41) |
| Other EU25 | 1.66 (1.59-1.73) | 1.55 (1.49-1.60) | 0.72 (0.67-0.77) | 9.31 (8.56-9.79) | 1.11 (1.03-1.20) |
| Rest of world | 2.52 (2.46-2.58) | 1.99 (1.95-2.03) | 0.45 (0.42-0.48) | 7.00 (6.75-7.27) | 0.98 (0.93-1.03) |
| *Type of living area* |  |  |  |  |  |
| Large cities | Ref | Ref | Ref | Ref | Ref |
| Medium-sized towns | 1.04 (1.03-1.06) | 0.98 (0.97-0.99) | 0.78 (0.76-0.79) | 0.64 (0.62-0.66) | 0.91 (0.89-0.93) |
| Small towns/rural | 1.07 (1.05-1.09) | 0.93 (0.92-0.94) | 0.75 (0.74-0.77) | 0.53 (0.51-0.56) | 0.92 (0.90-0.94) |
| *Educational level* |  |  |  |  |  |
| University/college | 0.66 (0.65-0.67) | 0.64 (0.63-0.65) | 0.81 (0.80-0.83) | 1.78 (1.72-1.85) | 0.77 (0.75-0.79) |
| High school | Ref | Ref | Ref | Ref | Ref |
| Elementary education | 1.42 (1.40-1.45) | 1.36 (1.34-1.38) | 1.06 (1.03-1.08) | 1.50 (1.43-1.57) | 1.32 (1.29-1.36) |
| *Family situation* |  |  |  |  |  |
| Married/cohabiting with children | Ref | Ref | Ref | Ref | Ref |
| Married/cohabiting without children | 1.57 (1.54-1.61) | 1.60 (1.57-1.64) | 2.99 (2.93-3.05) | 1.82 (1.73-1.92) | 1.61 (1.56-1.67) |
| Single with children | 1.45 (1.42-1.48) | 1.53 (1.50-1.56) | 0.79 (0.76-0.83) | 1.38 (1.30-1.46) | 1.40 (1.35-1.46) |
| Single without children | 1.69 (1.66-1.72) | 2.02 (2.00-2.05) | 1.46 (1.43-1.50) | 2.10 (2.03-2.17) | 2.14 (2.09-2.19) |
| **Women** |  |  |  |  |  |
| *Age group* |  |  |  |  |  |
| 25-34 years | 0.91 (0.88-0.94) | 0.91 (0.88-0.94) | 0.91 (0.88-0.94) | 0.91 (0.88-0.94) | 0.91 (0.88-0.94) |
| 35-44 year | Ref | Ref | Ref | Ref | Ref |
| 45-54 years | 0.85 (0.82-0.88) | 0.85 (0.82-0.88) | 0.85 (0.82-0.88) | 0.85 (0.82-0.88) | 0.85 (0.82-0.88) |
| *Birth country* |  |  |  |  |  |
| Sweden | Ref | Ref | Ref | Ref | Ref |
| Other Nordic country | 1.26 (1.18-1.35) | 1.26 (1.18-1.35) | 1.26 (1.18-1.35) | 1.26 (1.18-1.35) | 1.26 (1.18-1.35) |
| Other EU25 | 2.37 (2.20-2.57) | 2.37 (2.20-2.57) | 2.37 (2.20-2.57) | 2.37 (2.20-2.57) | 2.37 (2.20-2.57) |
| Rest of world | 3.80 (3.65-3.95) | 3.80 (3.65-3.95) | 3.80 (3.65-3.95) | 3.80 (3.65-3.95) | 3.80 (3.65-3.95) |
| *Type of living area* |  |  |  |  |  |
| Large cities | Ref | Ref | Ref | Ref | Ref |
| Medium-sized towns | 1.73 (1.67-1.79) | 1.73 (1.67-1.79) | 1.73 (1.67-1.79) | 1.73 (1.67-1.79) | 1.73 (1.67-1.79) |
| Small towns/rural | 2.10 (2.03-2.18) | 2.10 (2.03-2.18) | 2.10 (2.03-2.18) | 2.10 (2.03-2.18) | 2.10 (2.03-2.18) |
| *Educational level* |  |  |  |  |  |
| University/college | 0.48 (0.46-0.50) | 0.48 (0.46-0.50) | 0.48 (0.46-0.50) | 0.48 (0.46-0.50) | 0.48 (0.46-0.50) |
| High school | Ref | Ref | Ref | Ref | Ref |
| Elementary education | 1.21 (1.16-1.25) | 1.21 (1.16-1.25) | 1.21 (1.16-1.25) | 1.21 (1.16-1.25) | 1.21 (1.16-1.25) |
| *Family situation* |  |  |  |  |  |
| Married/cohabiting with children | Ref | Ref | Ref | Ref | Ref |
| Married/cohabiting without children | 1.26 (1.20-1.32) | 1.26 (1.20-1.32) | 1.26 (1.20-1.32) | 1.26 (1.20-1.32) | 1.26 (1.20-1.32) |
| Single with children | 2.06 (1.99-2.13) | 2.06 (1.99-2.13) | 2.06 (1.99-2.13) | 2.06 (1.99-2.13) | 2.06 (1.99-2.13) |
| Single without children | 2.22 (2.15-2.30) | 2.22 (2.15-2.30) | 2.22 (2.15-2.30) | 2.22 (2.15-2.30) | 2.22 (2.15-2.30) |
| **Men** |  |  |  |  |  |
| *Age group* |  |  |  |  |  |
| 25-34 years | 0.83 (0.81-0.86) | 0.83 (0.81-0.86) | 0.83 (0.81-0.86) | 0.83 (0.81-0.86) | 0.83 (0.81-0.86) |
| 35-44 years | Ref | Ref | Ref | Ref | Ref |
| 45-54 years | 1.07 (1.04-1.10) | 1.07 (1.04-1.10) | 1.07 (1.04-1.10) | 1.07 (1.04-1.10) | 1.07 (1.04-1.10) |
| *Birth country* |  |  |  |  |  |
| Sweden | Ref | Ref | Ref | Ref | Ref |
| Other Nordic country4 | 1.30 (1.23-1.38) | 1.30 (1.23-1.38) | 1.30 (1.23-1.38) | 1.30 (1.23-1.38) | 1.30 (1.23-1.38) |
| Other EU25 | 1.46 (1.34-1.60) | 1.46 (1.34-1.60) | 1.46 (1.34-1.60) | 1.46 (1.34-1.60) | 1.46 (1.34-1.60) |
| Rest of world | 3.92 (3.79-4.06) | 3.92 (3.79-4.06) | 3.92 (3.79-4.06) | 3.92 (3.79-4.06) | 3.92 (3.79-4.06) |
| *Type of living area* |  |  |  |  |  |
| Large cities | Ref | Ref | Ref | Ref | Ref |
| Medium-sized towns | 1.57 (1.52-1.61) | 1.57 (1.52-1.61) | 1.57 (1.52-1.61) | 1.57 (1.52-1.61) | 1.57 (1.52-1.61) |
| Small towns/rural | 1.94 (1.88-2.00) | 1.94 (1.88-2.00) | 1.94 (1.88-2.00) | 1.94 (1.88-2.00) | 1.94 (1.88-2.00) |
| *Educational level* |  |  |  |  |  |
| University/college | 0.50 (0.49-0.52) | 0.50 (0.49-0.52) | 0.50 (0.49-0.52) | 0.50 (0.49-0.52) | 0.50 (0.49-0.52) |
| High school | Ref | Ref | Ref | Ref | Ref |
| Elementary education | 1.04 (1.01-1.07) | 1.04 (1.01-1.07) | 1.04 (1.01-1.07) | 1.04 (1.01-1.07) | 1.04 (1.01-1.07) |
| *Family situation* |  |  |  |  |  |
| Married/cohabiting with children | Ref | Ref | Ref | Ref | Ref |
| Married/cohabiting without children | 1.28 (1.22-1.34) | 1.28 (1.22-1.34) | 1.28 (1.22-1.34) | 1.28 (1.22-1.34) | 1.28 (1.22-1.34) |
| Single with children | 1.77 (1.67-1.87) | 1.77 (1.67-1.87) | 1.77 (1.67-1.87) | 1.77 (1.67-1.87) | 1.77 (1.67-1.87) |
| Single without children | 2.46 (2.40-2.52) | 2.46 (2.40-2.52) | 2.46 (2.40-2.52) | 2.46 (2.40-2.52) | 2.46 (2.40-2.52) |
| *SA/DP or unemployment >183 net days 2001* |  |  |  |  |  |
| No unemployment or SA/DP | Ref | Ref | Ref | Ref | Ref |
| Unemployment | 4.81 (4.67-4.95) | 8.04 (7.88-8.21) | 1.06 (0.99-1.14) | 1.70 (1.56-1.85) | 3.06 (2.91-3.21) |
| SA/DP | 13.53 (13.22-13.84) | 3.28 (3.18-3.38) | 1.08 (1.01-1.16) | 1.51 (1.34-1.70) | 5.38 (5.15-5.63) |

1Mutually adjusted for sex, age group, birth country, type of living area, education level, family situation, unemployment or SA/DP in 2001, job demands/job control group.

2Using multinomial logistic regression, those with no long-term SA/DP or unemployment or old-age pension or emigration or death in 2012 used as reference.