**Supplemental Digital Content**

**Supplemental Table** **A** Multinomial logistic regression (relative risk ratio, RRR, with 95% confidence interval, CI) for the association between psychosocial working conditions with sickness absence due to the other than main diagnosis groups

|  |  |
| --- | --- |
|  | **SA due to all other diagnoses** |
| **No Pain or CMD (n =642)** | **Only pain (n = 794)** | **Only CMD (n = 195)** | **Both pain and CMD (n = 377)** |
| **RRR\*** | **95%CI** | **RRR\*** | **95%CI** | **RRR\*** | **95%CI** | **RRR\*** | **95%CI** |
| Job demands (range 1-10, high score is low) | 0.99 | 0.81, 1.20 | 1.22 | 1.01, 1.47 | 0.89 | 0.65, 1.24 | **1.38** | **1.06, 1.80** |
| Job control (range 1-10, high score is high) | 0.91 | 0.82, 1.01 | 0.98 | 0.88, 1.08 | 1.11 | 0.89, 1.38 | **0.84** | **0.73, 0.98** |
| Social support (range 1-10, high score is high) | 1.07 | 0.85, 1.34 | 1.01 | 0.82, 1.24 | 1.02 | 0.66, 1.60 | 0.91 | 0.66, 1.25 |
|  | **SA due to C00-D48** |
|  | **No Pain or CMD (n = 236)** | **Only pain (n = 236)** | **Only CMD (n = 60)** | **Both pain and CMD (n = 68)** |
| Job demands (range 1-10, high score is low) | 0.83 | 0.61, 1.13 | 1.07 | 0.76, 1.49 | 0.72 | 0.43, 1.22 | 0.93 | 0.53, 1.63 |
| Job control (range 1-10, high score is high) | 1.06 | 0.89, 1.27 | 1.00 | 0.85, 1.17 | 0.90 | 0.67, 1.21 | 0.95 | 0.66, 1.38 |
| Social support (range 1-10, high score is high) | 1.01 | 0.66, 1.54 | 0.87 | 0.61, 1.22 | 1.61 | 0.68, 3.84 | 1.17 | 0.56, 2.47 |
|  | **SA due to S00-T98** |
|  | **No Pain or CMD (n = 446)** | **Only pain (n = 466)** | **Only CMD (n = 103)** | **Both pain and CMD (n = 176)** |
| Job demands (range 1-10, high score is low) | 0.97 | 0.78, 1.21 | 1.22 | 0.97, 1.53 | 1.12 | 0.70, 1.80 | 1.00 | 0.69, 1.44 |
| Job control (range 1-10, high score is high) | **0.85** | **0.75, 0.95** | **0.88** | **0.78, 0.99** | 0.97 | 0.78, 1.21 | 0.85 | 0.71, 1.02 |
| Social support (range 1-10, high score is high) | 0.83 | 0.65, 1.07 | 1.22 | 0.96, 1.55 | 0.99 | 0.62, 1.60 | 0.98 | 0.62, 1.54 |

\* Model adjusted for age, sex, self-rated health, prior SA in 1998-2004 and education