Psychosocial job stressors and risk of suicidal behavior – an observational study among Swedish men[1]

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1. Supplementary material
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Table S1. Hazard ratios (95% CIs) non-fatal suicidal behavior in working aged men, by JDC category. For each exposure category number of events during follow-up (No events) and number of events per 10 000 person-years are included.

JDC category	Model I[a] HR (95% CI) No events/ per 10 000 person-years	Model II[b] HR (95% CI) No events/ per 10 000 person-years	Model III[c] HR (95% CI) No events/ per 10 000 person-years	Model IV[d] HR (95% CI) No events/ per 10 000 person-years
Events/population	6420/1 476 341	6225/1 440 753	5593/1 328 058	5559/1 322 425
Active	0.50 (0.46–0.54) 1208/2.2	0.54 (0.49–0.58) 1171/2.1	0.61 (0.56–0.67) 1087/2.1	0.66 (0.60-0.73) 1086/2.1
High strain	1.11 (1.01–1.22) 943/4.5	1.16 (1.05–1.27) 911/4.5	1.17 (1.06–1.29) 833/4.4	1.18 (1.07-1.30) 828/4.4
Passive	1.60 (1.49–1.72) 3337/6.2	1.58 (1.47–1.70) 3247/6.2	1.47 (1.36–1.59) 2872/6.0	1.42 (1.31-1.53) 2848/6.0
Low strain	1 (reference) 932/4.0	1 (reference) 896/3.9	1 (reference) 801/3.8	1 (reference) 797/3.8

[a]Model I unadjusted

[b]Model II adjusted for conscription year and parental education

[c]Model III additionally adjusted for stress resilience

[d]Model IV additionally adjusted for IQ

Table S2. Hazard ratios (95% CIs) for non-fatal suicidal behavior in working aged men, by JDC category excluding men with a psychiatric diagnosis (F-diagnosis) at time of conscription.

JDC category	Model I[a] HR (95% CI) No events/ per 10 000 person-years	Model II[b] HR (95% CI) No events/ per 10 000 person-years	Model III[c] HR (95% CI) No events/ per 10 000 person-years	Model IV[d] HR (95% CI) No events/ per 10 000 person-years
Events/population	5843/1 418 703	5669/1 386 124	5115/1 279 838	5085/1 274 504
Active	0.50 (0.46–0.55) 1135/2.1	0.54 (0.49–0.59) 1101/2.1	0.61 (0.55–0.67) 1030/2.0	0.66 (0.60-0.73) 1029/2.0
High strain	1.11 (1.01–1.22) 857/4.3	1.15 (1.05–1.27) 829/4.2	1.17 (1.05–1.29) 761/4.2	1.17 (1.06-1.30) 756/4.2
Passive	1.58 (1.46–1.71) 2999/5.8	1.56 (1.44–1.69) 2920/5.8	1.45 (1.34–1.57) 2585/5.7	1.39 (1.28-1.51) 2564/5.7
Low strain	1 (reference) 852/3.8	1 (reference) 819/3.8	1 (reference) 739/3.7	1 (reference) 736/3.7

[a]Model I unadjusted

[b]Model II adjusted for conscription year and parental education

[c]Model III additionally adjusted for stress resilience

[d]Model IV additionally adjusted for IQ

Table S3. Hazard ratios (95% CIs) for the job strain components (job control / job demand) and risk of suicidal behavior in working aged men.

Category	Model I[a] HR (95% CI) No events/ per 10 000 person-years	Model II[b] HR (95% CI) No events/ per 10 000 person-years	Model III[c] HR (95% CI) No events/ per 10 000 person-years	Model IV[d] HR (95% CI) No events/ per 10 000 person-years
Events/population	8431/1 476 341	8162/1 440 753	7419/1 328 058	7374/1 322 425
High control	0.47 (0.45–0.49) 2962/3.7	0.50 (0.47–0.52) 2857/3.7	0.57 (0.54–0.59) 2649/3.6	0.61 (0.58-0.64) 2641/3.6
Low control	1 (reference) 5469/7.3	1 (reference) 5305/7.2	1 (reference) 4770/7.2	1 (reference) 4733/7.2
High demand	0.49 (0.47–0.51) 2925/3.8	0.53 (0.50–0.55) 2837/3.8	0.61 (0.58–0.64) 2645/3.7	0.66 (0.62-0.69) 2636/3.7
Low demand	1 (reference) 5506/7.1	1 (reference) 5325/7.1	1 (reference) 4774/7.0	1 (reference) 4738/6.9

[a]Model I unadjusted

[b]Model II adjusted for conscription year and parental education

[c]Model III additionally adjusted for stress resilience

[d]Model IV additionally adjusted for IQ

Table S4. Hazard ratios (95% CIs) for the job strain components (job control / job demand) and risk of suicidal behavior in working aged men excluding men with a psychiatric diagnosis (F-diagnosis) at time of conscription.

Category	Model I[a] HR (95% CI) No events/ per 10 000 person-years	Model II[b] HR (95% CI) No events/ per 10 000 person-years	Model III[c] HR (95% CI) No events/ per 10 000 person-years	Model IV[d] HR (95% CI) No events/ per 10 000 person-years
Events/population	7735/1 418 703	7497/1 386 124	6846/1 279 838	6806/1 274 504
High control	0.48 (0.46–0.50) 2771/3.6	0.50 (0.48–0.53) 2675/3.6	0.57 (0.54–0.60) 2498/3.5	0.61 (0.58-0.64) 2491/3.5
Low control	1 (reference) 4964/6.9	1 (reference) 4822/6.9	1 (reference) 4348/6.8	1 (reference) 4315/6.8
High demand	0.49 (0.47–0.52) 2728/3.7	0.53 (0.51–0.56) 2648/3.6	0.60 (0.57–0.64) 2483/3.6	0.65 (0.62-0.69) 2474/3.6
Low demand	1 (reference) 5007/6.8	1 (reference) 4849/6.7	1 (reference) 4363/6.6	1 (reference) 4332/6.6

[a]Model I unadjusted

[b]Model II adjusted for conscription year and parental education

[c]Model III additionally adjusted for stress resilience

[d]Model IV additionally adjusted for IQ