

**Table S1** Job control, job demands, and job strain and suicidal events with determined intent among men

JEM		N	N cases	Cases per 100,000 person years	Model 1 HR (95% CI)	Model 2 HR (95% CI)	Model 3 HR (95% CI)
<b>Suicide attempt</b>							
Job control	Low	298,713	1,714	54	3.31 (2.99-3.65)	1.58 (1.41-1.76)	1.45 (1.30-1.62)
	Med low	301,323	1,740	54	3.31 (3.00-3.66)	1.77 (1.59-1.98)	1.67 (1.50-1.86)
	Med	285,824	1,087	35	2.21 (1.99-2.46)	1.44 (1.29-1.61)	1.38 (1.24-1.55)
	Med high	306,138	833	25	1.58 (1.41-1.76)	1.15 (1.02-1.29)	1.12 (1.00-1.25)
	High	296,643	505	16	1	1	1
Job demands	Low	305,976	1,904	58	1	1	1
	Med low	287,490	1,327	43	0.74 (0.68-0.79)	0.93 (0.86-1.00)	0.95 (0.88-1.02)
	Med	299,685	859	27	0.46 (0.42-0.49)	0.74 (0.68-0.80)	0.75 (0.69-0.82)
	Med high	300,429	944	29	0.51 (0.47-0.55)	0.77 (0.71-0.84)	0.78 (0.72-0.85)
	High	295,061	845	27	0.47 (0.43-0.51)	0.89 (0.81-0.97)	0.90 (0.82-0.98)
Job strain	Passive	531,632	2,109	37	2.14 (1.97-2.34)	1.46 (1.34-1.60)	1.41 (1.29-1.54)
	Low strain	231,362	627	25	1	1	1
	Active	508,518	1,126	21	0.83 (0.75-0.91)	0.97 (0.88-1.07)	0.97 (0.88-1.07)
	High strain	217,138	1,017	44	1.72 (1.56-1.90)	1.38 (1.25-1.53)	1.31 (1.19-1.45)
High strain	Yes	217,138	1,017	44	1.22 (1.14-1.31)	1.11 (1.03-1.18)	1.07 (1.00-1.15)
	Other	1,271,503	4,862	36	1	1	1
<b>Suicide death</b>							
Job control	Low	298,713	751	23	2.21 (1.94-2.51)	1.47 (1.27-1.70)	1.41 (1.22-1.63)
	Med low	301,323	760	23	2.22 (1.96-2.53)	1.57 (1.37-1.80)	1.52 (1.32-1.75)
	Med	285,824	627	20	1.89 (1.65-2.15)	1.47 (1.28-1.69)	1.44 (1.25-1.66)
	Med high	306,138	499	15	1.42 (1.24-1.63)	1.19 (1.03-1.38)	1.18 (1.02-1.36)
	High	296,643	339	11	1	1	1
Job demands	Low	305,976	825	25	1	1	1
	Med low	287,490	692	22	0.89 (0.80-0.98)	1.02 (0.92-1.12)	1.03 (0.93-1.14)
	Med	299,685	490	15	0.61 (0.54-0.68)	0.79 (0.71-0.89)	0.81 (0.72-0.91)
	Med high	300,429	527	16	0.64 (0.58-0.72)	0.83 (0.74-0.93)	0.85 (0.76-0.95)
	High	295,061	442	14	0.54 (0.48-0.61)	0.81 (0.71-0.91)	0.83 (0.73-0.94)
Job strain	Passive	531,623	1,368	24	1.51 (1.36-1.67)	1.20 (1.08-1.33)	1.17 (1.05-1.30)
	Low strain	231,362	423	17	1	1	1
	Active	508,518	671	12	0.74 (0.66-0.83)	0.84 (0.75-0.94)	0.84 (0.75-0.95)
	High strain	217,138	514	22	1.32 (1.18-1.49)	1.18 (1.05-1.34)	1.16 (1.03-1.31)
High strain	Yes	217,138	514	22	1.22 (1.11-1.34)	1.16 (1.06-1.28)	1.15 (1.05-1.27)
	Other	1,271,503	2,642	19	1	1	1

*Model 1 is adjusted for age*

*Model 2 is adjusted for age, birthyear, birth country, education, civil status at baseline, children at baseline, previous suicide attempt, previous psychiatric diagnosis, parents' SEP, parents' psychiatric diagnosis, long-term unemployment prior to baseline, and long-term sick leave prior to baseline*

*Model 3 is adjusted for age, birthyear, birth country, education, civil status at baseline, children at baseline, previous suicide attempt, previous psychiatric diagnosis, parents' SEP, parents' psychiatric diagnosis, long-term unemployment prior to baseline, long-term sick leave prior to baseline, getting divorced during the follow-up period, having children during the follow-up period, long term unemployment during the follow-up period, and long-term sick leave during the follow-up period.*

**Table S2** Job control, job demands, and job strain and suicidal events with determined intent among women

JEM	Quintiles	N	N cases (%)	Cases per 100,000 person years	Model 1 HR (95% CI)	Model 2 HR (95% CI)	Model 3 HR (95% CI)
<b>Suicide attempt</b>							
Job control	Low	259,176	1,859	67	2.51 (2.32-2.73)	1.47 (1.35-1.60)	1.42 (1.31-1.56)
	Med low	323,284	3,023	87	3.24 (3.01-3.50)	1.74 (1.61-1.89)	1.69 (1.56-1.84)
	Med	335,099	1,457	40	1.52 (1.40-1.65)	1.29 (1.19-1.41)	1.30 (1.20-1.42)
	Med high	305,857	1,465	44	1.71 (1.57-1.86)	1.28 (1.18-1.40)	1.27 (1.16-1.38)
	High	305,905	890	27	1	1	1
Job demands	Low	295,774	2,077	65	1	1	1
	Med low	308,404	2,395	72	1.10 (1.03-1.16)	1.10 (1.04-1.17)	1.11 (1.04-1.17)
	Med	314,170	2,075	61	0.93 (0.87-0.99)	1.03 (0.97-1.10)	1.05 (0.98-1.11)
	Med high	304,162	1,125	34	0.51 (0.48-0.55)	0.80 (0.74-0.86)	0.81 (0.75-0.87)
	High	306,811	1,022	31	0.48 (0.44-0.51)	0.86 (0.79-0.94)	0.87 (0.80-0.95)
Job strain	Passive	570,343	4,847	79	1.62 (1.52-1.72)	1.25 (1.17-1.33)	1.22 (1.15-1.31)
	Low strain	239,017	1,228	48	1	1	1
	Active	534,379	1,702	30	0.60 (0.56-0.65)	0.80 (0.75-0.88)	0.81 (0.75-0.87)
	High strain	185,582	917	46	0.95 (0.87-1.04)	1.07 (0.98-1.16)	1.05 (0.96-1.15)
High strain	Yes	185,582	917	46	0.86 (0.81-0.92)	1.03 (0.96-1.11)	1.03 (0.96-1.10)
	Other	1,343,739	7,777	54	1	1	1
<b>Suicide death</b>							
Job control	Low	259,176	223	8	1.48 (1.22-1.80)	1.21 (0.97-1.50)	1.17 (0.94-1.45)
	Med low	323,284	355	10	1.88 (1.57-2.26)	1.38 (1.13-1.68)	1.35 (1.11-1.65)
	Med	335,099	226	6	1.15 (0.95-1.40)	1.06 (0.87-1.29)	1.05 (0.86-1.28)
	Med high	305,857	247	7	1.39 (1.14-1.68)	1.22 (1.00-1.49)	1.21 (1.00-1.48)
	High	305,905	177	5	1	1	1
Job demands	Low	295,774	272	9	1	1	1
	Med low	308,404	299	9	1.05 (0.90-1.24)	1.05 (0.89-1.23)	1.05 (0.89-1.24)
	Med	314,170	260	8	0.89 (0.75-1.06)	0.95 (0.80-1.13)	0.96 (0.81-1.14)
	Med high	304,162	185	6	0.66 (0.55-0.80)	0.79 (0.65-0.97)	0.80 (0.66-0.98)
	High	306,811	212	6	0.75 (0.62-0.90)	0.97 (0.78-1.19)	0.98 (0.79-1.21)
Job strain	Passive	570,343	555	9	1.22 (1.06-1.40)	1.04 (0.90-1.20)	1.02 (0.89-1.18)
	Low strain	239,017	199	8	1	1	1
	Active	534,379	320	6	0.68 (0.58-0.80)	0.79 (0.67-0.93)	0.79 (0.67-0.94)
	High strain	185,582	154	8	1.01 (0.84-1.21)	1.05 (0.87-1.27)	1.04 (0.87-1.26)
High strain	Yes	185,582	154	8	1.03 (0.87-1.22)	1.10 (0.93-1.31)	1.10 (0.92-1.30)
	Other	1,343,739	1,074	7	1	1	1

*Model 1 is adjusted for age*

*Model 2 is adjusted for age, birthyear, birth country, education, civil status at baseline, children at baseline, previous suicide attempt, previous psychiatric diagnosis, parents' SEP, parents' psychiatric diagnosis, long-term unemployment prior to baseline, and long-term sick leave prior to baseline*

*Model 3 is adjusted for age, birthyear, birth country, education, civil status at baseline, children at baseline, previous suicide attempt, previous psychiatric diagnosis, parents' SEP, parents' psychiatric diagnosis, long-term unemployment prior to baseline, long-term sick leave prior to baseline, getting divorced during the follow-up period, having children during the follow-up period, long term unemployment during the follow-up period, and long-term sick leave during the follow-up period.*

**Table S3** Job control, job demands, and job strain and suicidal events, stratified by age group

<b>JEM</b>	<b>Quintiles</b>	<b>Men age 30-49 HR (95% CI)</b>	<b>Men age 50-60 HR (95% CI)</b>	<b>Women age 30-49 HR (95% CI)</b>	<b>Women age 50-60 HR (95% CI)</b>
<b>Suicide attempt</b>					
Job control	Low	1.58 (1.38-1.83)	1.26 (1.10-1.45)	1.57 (1.41-1.75)	1.17 (1.03-1.33)
	Med low	1.80 (1.57-2.07)	1.41 (1.23-1.61)	1.84 (1.66-2.03)	1.50 (1.34-1.69)
	Med	1.49 (1.29-1.72)	1.26 (1.10-1.45)	1.36 (1.22-1.52)	1.21 (1.07-1.36)
	Med high	1.21 (1.04-1.41)	1.01 (0.88-1.17)	1.33 (1.19-1.48)	1.16 (1.03-1.31)
	High	1	1	1	1
Job demands	Low	1	1	1	1
	Med low	0.94 (0.87-1.03)	0.94 (0.85-1.05)	1.09 (1.01-1.17)	1.14 (1.04-1.25)
	Med	0.73 (0.66-0.80)	0.89 (0.79-1.00)	1.03 (0.96-1.11)	1.09 (0.99-1.20)
	Med high	0.78 (0.70-0.85)	0.85 (0.76-0.95)	0.80 (0.73-0.88)	0.86 (0.77-0.97)
	High	0.83 (0.74-0.92)	0.94 (0.83-1.06)	0.82 (0.73-0.91)	0.90 (0.80-1.03)
Job strain	Passive	1.43 (1.28-1.61)	1.31 (1.14-1.50)	1.25 (1.15-1.36)	1.16 (1.05-1.29)
	Low strain	1	1	1	1
	Active	0.91 (0.79-1.04)	0.99 (0.85-1.14)	0.76 (0.69-0.84)	0.84 (0.75-0.95)
	High strain	1.30 (1.14-1.49)	1.27 (1.09-1.48)	1.05 (0.94-1.18)	1.02 (0.89-1.17)
High strain	Yes	1.05 (0.96-1.14)	1.10 (0.99-1.22)	1.01 (0.93-1.11)	1.03 (0.92-1.15)
	Other	1	1	1	1
<b>Suicide death</b>					
Job control	Low	1.35 (1.10-1.65)	1.36 (1.15-1.62)	1.21 (0.91-1.61)	1.30 (1.00-1.68)
	Med low	1.45 (1.19-1.77)	1.52 (1.29-1.80)	1.48 (1.14-1.92)	1.42 (1.11-1.80)
	Med	1.43 (1.17-1.75)	1.36 (1.15-1.60)	1.03 (0.78-1.35)	1.11 (0.87-1.40)
	Med high	1.15 (0.93-1.41)	1.17 (0.98-1.38)	1.18 (0.89-1.55)	1.38 (1.10-1.74)
	High	1	1	1	1
Job demands	Low	1	1	1	1
	Med low	1.03 (0.90-1.18)	1.22 (1.05-1.42)	1.00 (0.81-1.23)	0.95 (0.74-1.22)
	Med	0.85 (0.73-0.99)	1.21 (1.04-1.41)	0.98 (0.79-1.22)	1.07 (0.84-1.36)
	Med high	0.86 (0.74-1.00)	0.93 (0.79-1.09)	0.78 (0.60-1.02)	0.92 (0.72-1.18)
	High	0.82 (0.68-0.98)	1.01 (0.86-1.18)	0.94 (0.71-1.25)	0.84 (0.66-1.06)
Job strain	Passive	1.09 (0.93-1.27)	1.22 (1.05-1.40)	1.14 (0.91-1.42)	0.93 (0.76-1.12)
	Low strain	1	1	1	1
	Active	0.81 (0.68-0.96)	0.87 (0.74-1.01)	0.79 (0.61-1.02)	0.77 (0.62-0.96)
	High strain	1.08 (0.90-1.29)	1.21 (1.03-1.42)	0.99 (0.74-1.34)	1.05 (0.83-1.34)
High strain	Yes	1.13 (0.98-1.31)	1.16 (1.02-1.32)	0.89 (0.67-1.17)	1.26 (1.01-1.56)
	Other	1	1	1	1

*Models are adjusted for age, birthyear, birth country, education, civil status at baseline, children at baseline, previous suicide attempt, previous psychiatric diagnosis, parents' SEP, parents' psychiatric diagnosis, long-term unemployment prior to baseline, long-term sick leave prior to baseline, getting divorced during the follow-up period, having children during the follow-up period, long term unemployment during the follow-up period, and long-term sick leave during the follow-up period.*

**Table S4** Job control, job demands, and job strain and suicidal events, stratified by education

JEM	Quintiles	Men with university education HR (95% CI)	Men without university education HR (95% CI)	Women with university education HR (95% CI)	Women without university education HR (95% CI)
<b>Suicide attempt</b>					
Job control	Low	1.78 (1.46-2.16)	1.37 (1.20-1.56)	1.30 (1.10-1.53)	1.47 (1.32-1.64)
	Med low	1.73 (1.48-2.03)	1.53 (1.34-1.74)	1.80 (1.58-2.06)	1.69 (1.52-1.88)
	Med	1.42 (1.21-1.66)	1.29 (1.13-1.47)	1.36 (1.22-1.51)	1.21 (1.07-1.37)
	Med high	1.00 (0.85-1.18)	1.09 (0.95-1.25)	1.20 (1.06-1.35)	1.26 (1.13-1.41)
	High	1	1	1	1
Job demands	Low	1	1	1	1
	Med low	0.87 (0.70-1.08)	0.93 (0.87-1.00)	1.06 (0.90-1.24)	1.10 (1.04-1.17)
	Med	0.64 (0.52-0.78)	0.81 (0.75-0.88)	0.92 (0.78-1.08)	1.03 (0.97-1.10)
	Med high	0.72 (0.59-0.87)	0.79 (0.73-0.86)	0.73 (0.63-0.84)	0.84 (0.76-0.92)
	High	0.80 (0.67-0.96)	0.82 (0.75-0.91)	0.81 (0.70-0.93)	0.69 (0.61-0.80)
Job strain	Passive	1.94 (1.56-2.40)	1.29 (1.17-1.42)	1.27 (1.09-1.48)	1.25 (1.17-1.35)
	Low strain	1	1	1	1
	Active	1.20 (0.99-1.45)	0.87 (0.78-0.98)	0.75 (0.66-0.86)	0.83 (0.75-0.92)
	High strain	1.88 (1.52-2.31)	1.14 (1.02-1.28)	1.02 (0.88-1.18)	1.02 (0.92-1.44)
High strain	Yes	1.43 (1.24-1.64)	0.98 (0.91-1.06)	1.17 (1.05-1.30)	0.90 (0.81-0.99)
	Other	1	1	1	1
<b>Suicide death</b>					
Job control	Low	1.36 (1.04-1.78)	1.33 (1.12-1.59)	1.14 (0.79-1.63)	1.27 (0.97-1.66)
	Med low	1.51 (1.24-1.85)	1.43 (1.20-1.71)	1.43 (1.07-1.94)	1.43 (1.10-1.85)
	Med	1.48 (1.23-1.79)	1.29 (1.08-1.55)	1.10 (0.88-1.37)	1.01 (0.75-1.37)
	Med high	1.17 (0.96-1.41)	1.11 (0.91-1.34)	1.31 (1.03-1.67)	1.25 (0.95-1.64)
	High	1	1	1	1
Job demands	Low	1	1	1	1
	Med low	0.93 (0.70-1.24)	1.00 (0.91-1.11)	0.95 (0.66-1.38)	1.07 (0.92-1.25)
	Med	0.74 (0.57-0.96)	0.81 (0.72-0.92)	1.08 (0.75-1.55)	0.95 (0.81-1.12)
	Med high	0.77 (0.60-0.99)	0.85 (0.75-0.95)	0.76 (0.55-1.05)	0.91 (0.73-1.15)
	High	0.88 (0.69-1.12)	0.71 (0.61-0.82)	0.97 (0.71-1.31)	0.90 (0.66-1.23)
Job strain	Passive	1.15 (0.91-1.45)	1.16 (1.02-1.30)	1.14 (0.82-1.58)	0.99 (0.85-1.17)
	Low strain	1	1	1	1
	Active	0.85 (0.70-1.02)	0.83 (0.72-0.96)	0.85 (0.64-1.11)	0.74 (0.59-0.94)
	High strain	1.31 (1.06-1.62)	1.08 (0.94-1.25)	1.11 (0.82-1.51)	1.00 (0.77-1.28)
High strain	Yes	1.44 (1.21-1.72)	1.05 (0.93-1.18)	1.15 (0.91-1.46)	1.02 (0.79-1.31)
	Other	1	1	1	1

*Models are adjusted for age, birthyear, birth country, civil status at baseline, children at baseline, previous suicide attempt, previous psychiatric diagnosis, parents' SEP, parents' psychiatric diagnosis, long-term unemployment prior to baseline, long-term sick leave prior to baseline, getting divorced during the follow-up period, having children during the follow-up period, long term unemployment during the follow-up period, and long-term sick leave during the follow-up period.*