

Exposure to workplace sexual harassment and risk of cardiometabolic diseases: a prospective cohort study of 88,904 Swedish men and women

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Supplementary Table 1: Person-time years and rates per 1000 person-years among total population and stratified by exposure status

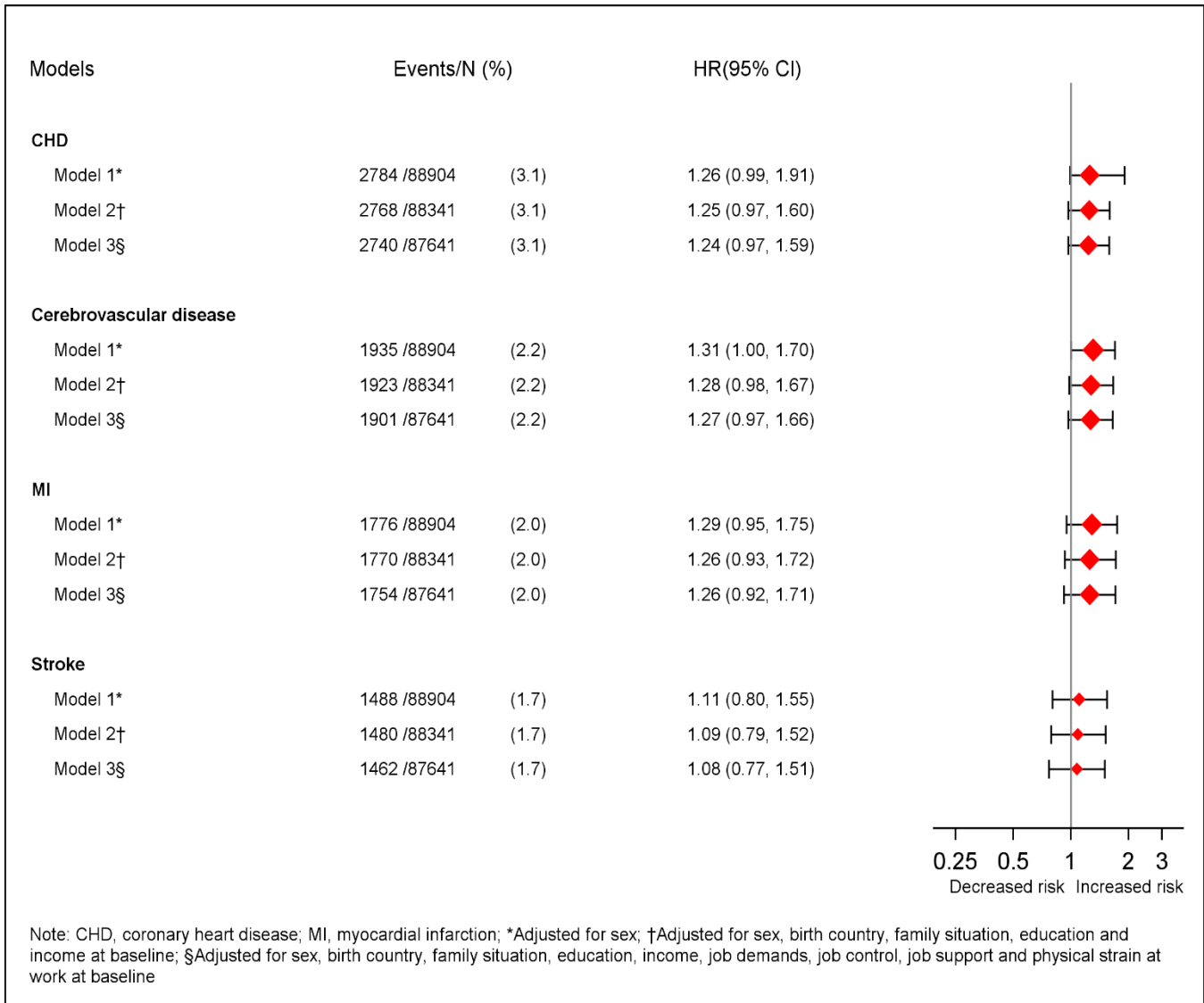
Diseases	All Person - years	By exposure to sexual harassment				<i>p</i> - value*	
		Unexposed		Unexposed			
	Rates (95% CI)	Person - years	Rates (95% CI)	Person - years	Rates (95% CI)		
CVD	989512	4.3(4.1- 4.4)	943796	4.4(4.2- 4.5)	45722	2.4(2.0- 2.9)	0.79
type 2 diabetes	997013	3.6(3.5- 3.8)	951215	3.7(3.6- 3.8)	45799	2.8(2.4- 3.3)	0.81
CHD	996192	2.8(2.7- 2.9)	950273	2.9(2.8- 3.0)	45919	1.4(1.1- 1.8)	0.19
Cerebrovascular disease	1001289	1.9(1.85- 2.02)	955330	2.0(1.9- 2.1)	45958	1.3(1.0- 1.6)	0.54
MI	1001306	1.8(1.7- 1.9)	955251	1.8(1.7- 1.9)	46054	0.9(0.7- 1.3)	0.08
Stroke	1003497	1.5(1.4- 1.6)	957426	1.5(1.4- 1.6)	46071	0.8(0.6- 1.11)	0.78

Note: CI, Confidence Interval; CVD, cardiovascular disease; CHD, coronary heart disease; MI, myocardial infarction; **p*-value for proportionality hazard test (*p*>0.05 indicates assumption was justified)

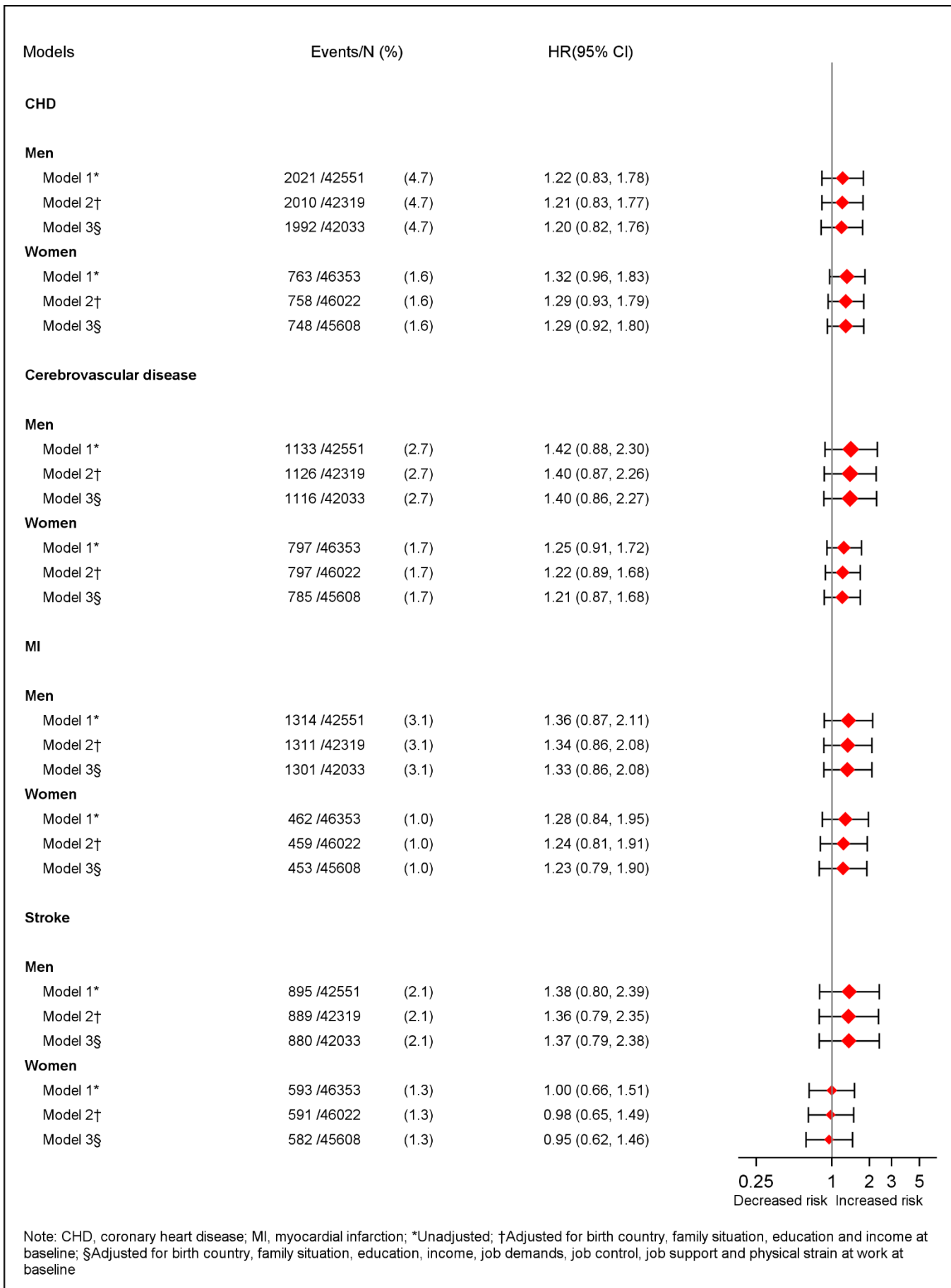
Supplementary Table 2: Distribution of Cardiometabolic diseases among employees in SWES 1995-2015 according to exposure to workplace sexual harassment

Diseases	Total (N, 88904)		Unexposed (n, 84604)		Exposed (n,4300)		<i>p</i> -value*
	n	(%)	n	%	n	%	
CHD							<0.0001
No	86120	97	81886	97	4234	98	
Yes	2784	3	2718	3	66	2	
Cerebrovascular disease							< 0.0001
No	86969	98	82727	98	4242	99	
Yes	1935	2	1877	2	58	1	
MI							<0.0001
No	87128	98	82871	98	4257	99	
Yes	1776	2	1733	2	43	1	
Stroke							<0.0001
No	87416	98	83153	98	4263	99	
Yes	1488	2	1451	2	37	1	

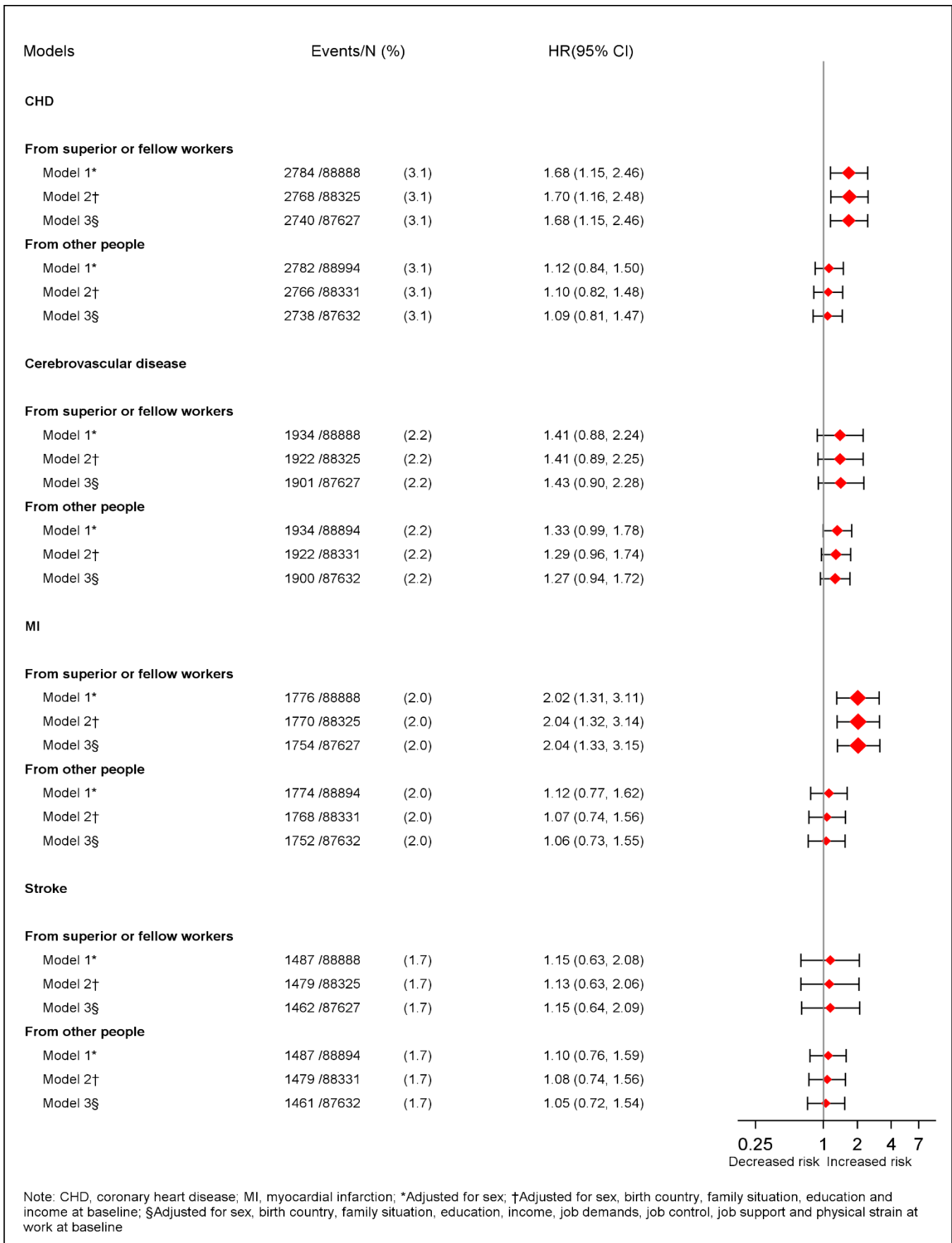
Note: SD, Standard Deviation; CVD, cardiovascular disease; CHD, coronary heart disease; MI, myocardial infarction; **p*-value for hypothesis testing that one group is different from other based on chi-square test



Supplementary Figure 1: Results from Cox regression analyses on workplace sexual harassment presented as hazard ratios (HR) and 95% confidence intervals (CI) with and without adjustment for covariates (for CHD, cerebrovascular disease, MI, and stroke)



Supplementary Figure 2: Results from Cox regression analyses on workplace sexual harassment stratified by sex, presented as hazard ratios (HR) and 95% confidence intervals (CI) with and without adjustment for covariates (CHD, cerebrovascular disease, MI, and stroke)



Supplementary Figure 3: Results from Cox regression analyses on workplace sexual harassment from superiors/ fellow workers or others, presented as hazard ratios (HR) and 95% confidence intervals (CI) with and without adjustment for covariates (CHD, cerebrovascular disease, MI, and stroke)

Supplementary Table 3: Results from Cox regression analyses on frequency of workplace sexual harassment presented as hazard ratios (HR) and 95% confidence intervals with and without adjustment for covariates

	Model I^b	Model II^c	Model IV^d
CVD^a	HR	HR	HR
	(95% CI)	(95% CI)	(95% CI)
Frequency of workplace sexual harassment			
Every day to at least 2 days/month	2.65 (1.19-5.91)	2.47 (1.22-5.02)	2.32 (1.04-5.17)
Sometime during last 3 months	2.32 (0.58-9.27)	2.19 (0.60-8.00)	2.15 (0.54-8.62)
Once or twice during last 12 months	1.22 (1.01-1.49)	1.22 (1.00-1.49)	1.20 (0.98-1.47)
Not at all during last 12 months	Referent	Referent	Referent
Type-2-Diabetes^a			
Frequency of workplace sexual harassment			
Every day to at least 2 days/month	1.69 (0.85-4.52)	1.62 (0.60-4.38)	1.53 (0.57-4.09)
Sometime during last 3 months	7.18 (2.23-15.98)	6.78 (3.04-15.12)	6.65 (2.98-14.83)
Once or twice during last 12 months	1.44 (1.20-1.74)	1.41 (1.17-1.70)	1.39 (1.15-1.67)
Not at all during last 12 months	Referent	Referent	Referent

Note: HR, Hazard Ratio; CI, Confidence Interval; N, Number with valid data; C, Number of cases; ^aCardiovascular disease and type-2-diabetes based on inpatient register, outpatient register and death register; ^bAdjusted for sex; ^cModel II+birth country, family situation, education, and income at baseline; ^dModel III+ job demands, job control, social support, and physical strain at work at baseline