

Supplementary table 5. Results of sensitivity analyses: associations between physical work load factors and disability retirement due to a shoulder lesion by different cut-off points used to dichotomize exposure. Hazard ratios (HR) and their 95% confidence intervals (CI).

	Cut-off at 0.40		Cut-off at 0.50		Cut-off at 0.60	
	HR	95% CI	HR	95% CI	HR	95% CI
Men						
Physically heavy work	1.88	1.56-2.26	1.45	1.19-1.76	1.56	1.29-1.88
Heavy lifting	1.14	0.98-1.34	0.90	0.76-1.08	0.60	0.47-0.76
Working in a forward bent posture	1.10	0.90-1.34	0.95	0.78-1.14	1.47	1.21-1.80
Working with hands above shoulder level	1.60	1.39-1.84	1.50	1.31-1.73	1.09	1.20-1.54
Work demanding high handgrip forces	0.82	0.66-1.02	1.38	1.18-1.62	1.17	0.93-1.47
Women						
Physically heavy work	2.04	1.71-2.43	2.26	1.96-2.59	1.71	1.44-2.03
Heavy lifting	0.79	0.64-0.97	0.56	0.43-0.73	0.47	0.30-0.73
Working in a forward bent posture	1.22	1.03-1.45	1.18	0.98-1.43	1.17	0.86-1.60
Working with hands above shoulder level	1.12	0.89-1.41	0.91	0.67-1.23	0.94	0.65-0.31
Work demanding high handgrip forces	1.17	0.93-1.49	2.33	1.40-3.87	2.22	1.30-3.80

HRs are adjusted for age, education and each physical work load factor.