

**Supplementary table S4.** Associations between potential risk factors and sickness absence due to a shoulder lesion. Adjusted hazard ratios (HR) with 95% confidence intervals (CI) and population attributable fractions (PAF).

	All (n=3637)			Men (n=1776)			Women (n=1861)		
	HR <sup>1</sup>	95% CI	PAF	HR <sup>2</sup>	95% CI	PAF	HR <sup>2</sup>	95% CI	PAF
<b>Age (at baseline)</b>									
	30-39 years	1.00		1.00			1.00		
	40-49 years	<b>2.12</b>	<b>1.55-2.90</b>		<b>1.99</b>	<b>1.24-3.20</b>		<b>2.35</b>	<b>1.54-3.58</b>
	50-62 years	<b>4.08</b>	<b>2.63-5.35</b>		<b>5.56</b>	<b>2.98-10.38</b>		<b>3.08</b>	<b>1.62-5.85</b>
<b>BMI (kg/m<sup>2</sup>)</b>									
	Normal (< 25)	1.00		1.00			1.00		
	Overweight (25.0-29.9)	1.26	0.93-1.72		1.42	0.87-2.33		1.26	0.84-1.88
	Obese ( $\geq$ 30)	1.42	0.99-2.04		<b>2.48</b>	<b>1.45-4.25</b>	0.32	0.85	0.50-1.43
<b>Chronic disease</b>									
	No	1.00		1.00			1.00		0.17
	Yes	1.30	0.99-1.72		1.06	0.69-1.61		<b>1.51</b>	<b>1.04-2.19</b>
<b>Daily smoking</b>									
	No	1.00		1.00			1.00		
	Yes	<b>1.64</b>	<b>1.26-2.17</b>	0.15	<b>1.54</b>	<b>1.01-2.33</b>	0.15	<b>1.69</b>	<b>1.15-2.47</b>
<b>Cumulative exposure to physically heavy work</b>									
	< 10 years	1.00		1.00			1.00		
	> 10 years	<b>1.75</b>	<b>1.25-2.46</b>	0.19	1.28	0.75-2.19		<b>2.18</b>	<b>1.41-3.36</b>
<b>Number of expositors with time of exposure &gt; 10 years</b>									
	none	1.00		1.00			1.00		0.27
	one	1.27	0.83-1.95		0.67	0.27-1.65		<b>1.67</b>	<b>1.00-2.78</b>
	two -four	<b>2.09</b>	<b>1.43-3.05</b>	0.27	<b>2.30</b>	<b>1.29-4.11</b>	0.31	<b>2.09</b>	<b>1.26-3.47</b>
<b>Job demands</b>									
	Low	1.00		1.00			0.23	1.00	
	High	1.18	0.90-1.56		<b>1.54</b>	<b>1.00-2.36</b>		0.99	0.86-1.91
<b>Overall PAF</b>									
			<b>0.49</b>			<b>0.69</b>			<b>0.59</b>