

**S5 Table. The effect of angina on the occurrence of depression and/or chronic pain in the “unrelated” subgroup (n=9,163) and stratified according to gender.**

Exposure	Outcome	Group	Unadjusted		Adjusted	
			N	OR [95% CI]	N	OR [95% CI]
<b>Angina in the presence of chronic pain</b>						
Chronic pain	Angina	Overall <sup>†</sup>	5,113	4.26 <sup>a</sup> [3.60 to 5.03]	4,267	3.76 <sup>a</sup> [3.09 to 4.58]
		Females only <sup>‡</sup>	3,006	5.04 <sup>a</sup> [4.03 to 6.30]	2,505	4.61 <sup>a</sup> [3.56 to 5.98]
		Males only <sup>‡</sup>	2,107	3.64 <sup>a</sup> [2.79 to 4.75]	1,762	3.06 <sup>a, b</sup> [2.23 to 4.19]
<b>Angina in the presence of depression</b>						
Depression	Angina	Overall <sup>†</sup>	6,264	2.08 <sup>a</sup> [1.73 to 2.51]	5,453	2.25 <sup>a</sup> [1.80 to 2.80]
		Females only <sup>‡</sup>	3,662	2.08 <sup>a</sup> [1.66 to 2.62]	3,165	2.09 <sup>a</sup> [1.60 to 2.73]
		Males only <sup>‡</sup>	2,602	2.28 <sup>a</sup> [1.63 to 3.21]	2,288	2.52 <sup>a, c</sup> [1.71 to 3.72]
<b>Angina in the presence of chronic pain and depression</b>						
Chronic pain and depression	Angina	Overall <sup>†</sup>	3,054	7.32 <sup>a</sup> [5.35 to 10.00]	2,695	8.13 <sup>a, d</sup> [5.58 to 11.84]
		Females only <sup>‡</sup>	1,698	8.13 <sup>a</sup> [5.58 to 11.86]	1,493	7.66 <sup>a, e</sup> [4.97 to 11.80]
		Males only <sup>‡</sup>	1,356	9.05 <sup>a</sup> [4.68 to 17.47]	1,202	10.33 <sup>a, f</sup> [4.89 to 21.82]

<sup>†</sup>valid data adjusted for age, gender, education, SIMD and smoking status; <sup>‡</sup>valid data adjusted for age, education, SIMD and smoking status; a= p<0.001; b= Variables not in final model: Smoking status (P=0.15); Education (P=0.47); c= Variables not in final model: Smoking status (P=0.26); d= Variables not in final model: Smoking status (P=0.12); Education (P=0.12); e= Variables not in final model: Smoking status (P=0.17); Education (P=0.14); f= Variables not in final model: Smoking status (P=0.28); Education (P=0.31); SIMD (P=0.18)