

Supplementary Table 4. Differences between women and men in clinical presentation of acute coronary syndrome, by age group (< 55 vs ≥55 years old) (men are the reference class).

Symptoms	<55 years		≥55 years		Interaction p-value	Adjusted for
	OR	95% CI	OR	95% CI		
Pain	--*	--*	0.46	0.18-1.18	0.777	Age, type of ACS, marital status, dyslipidaemia, CABG
Typical (chest) pain (vs atypical or mixture)†	0.65	0.23-1.86	1.55	0.88-2.71	0.973	Age, type of ACS, coronary anatomy, region, smoking, dyslipidaemia, previous heart failure
Referred pain	3.81	1.41-10.3	1.73	1.14-2.61	0.528	Age, type of ACS, coronary anatomy, region, income, social class, previous renal failure.
Radiation type‡						
Typical	1	Reference	1	Reference		Age, type of ACS, employment status, region
Atypical	1.19	0.41-3.45	1.34	0.77-2.35	0.415	
Mixture	1.43	0.40-5.16	2.56	1.39-4.71	0.606	
Pain intensity (higher than 8/10)	5.23	2.17-12.60	2.09	1.35-3.24	0.028	Age, type of ACS, coronary anatomy, education, professional group, previous AMI
Symptoms	1.88	0.76-4.66	1.91	1.21-3.04	0.799	Age, type of ACS, region, previous AMI, previous heart failure
Symptom clusters§						
Cluster 1	1	Reference	1	Reference		Age, type of ACS, professional group, region, previous AMI
Cluster 2	0.88	0.31-2.50	1.49	0.93-2.38	0.246	
Cluster 3	3.30	0.99-10.97	4.08	2.07-8.05	0.501	
Activity group						
Sleeping	1	Reference	1	(Reference)		Age, type of ACS, previous heart failure
Rest	0.74	0.25-2.19	1.08	0.64-1.81	0.284	
Exertion	0.89	0.29-2.67	1.27	0.74-2.16	0.408	

ACS, acute coronary syndrome; AMI, acute myocardial infarction; CABG: coronary artery bypass surgery; CI, confidence interval; OR, odds ratio.

*All women below 55 years old presented with pain.

†Pain location: Typical - retrosternal, precordial, right thoracic, or bilateral thoracic; Atypical - epigastric, back, left arm or shoulder, right arm or shoulder, neck, or jaw; Mixture - typical and atypical location.

‡Radiation type: Typical - left arm or shoulder, right arm or shoulder, neck, or jaw; Atypical: retrosternal, precordial, right thoracic, bilateral thoracic, epigastric, or back regions; Mixture: typical and atypical irradiation.

§Symptom clusters: cluster 1 (no symptom cluster) - low endorsement probabilities for all items; cluster 2 (dyspnoea and sweating cluster) - high probability for dyspnoea at rest and sweating; cluster 3 (multiple symptoms cluster) - high probabilities for all items (dyspnoea at rest, exertional dyspnoea, sweating, nausea, vomiting, dizziness, blurry vision, presyncope, syncope, palpitation, weakness, other symptoms, other digestive symptoms and discomfort).