

Supplemental material 3 - Multivariate analyses of differences in symptoms based on previous history of ACS

	All % (n)	History of ACS % (n)	p-value ^a	Odds Ratio	Confidence Interval, 99 %
All (number of missing)	100 (2917)	29.3 (856)			
Pale (565)	16.4 (386)	19.9 (140)	0.004*	1.43	1.04-1.97
Clammy (565)	8.7 (204)	6.2 (44)	0.059	0.70	0.44-1.13
Nausea (576)	27.1 (635)	24.0 (169)	0.298	0.89	0.67-1.18
Vomiting (576)	7.0 (165)	5.4 (38)	0.067	0.69	0.41-1.15
Affected breathing according to patient (596)	44.6 (1040)	49.6 (347)	0.001*	1.35	1.06-1.73
Pain intensity according to Numeric Rating Scale >5	32.1 (803)	33.7 (248)	0.144	1.15	0.89-1.48
Time elapsed since pain onset >3 hours (1007)	45.2 (863)	43.4 (245)	0.087	0.83	0.63-1.09
Debut					
Debut during activity (752)	22.1 (479)	20.8 (132)	0.501	1.08	0.79-1.48
Debut while resting (752)	65.5 (1419)	67.8 (431)	0.468	1.07	0.82-1.41
Debut while sleeping (752)	15.8 (342)	14.2 (90)	0.029	0.73	0.51-1.05
Sudden debut, within seconds (875)	35.7 (729)	32.7 (199)	0.380	0.91	0.69-1.19
Quick debut, within minutes (875)	35.2 (718)	36.6 (223)	0.483	1.07	0.82-1.41
Slow debut, within hours (875)	29.1 (595)	30.7 (187)	0.850	1.02	0.76-1.35
Constant pain (732)	55.5 (1212)	54.9 (358)	0.322	0.90	0.70-1.16
Fluctuating pain (732)	40.4 (883)	40.0 (261)	0.837	1.02	0.79-1.31
Pain aggravating over time (732)	10.8 (237)	12.0 (78)	0.122	1.26	0.85-1.88
Pain in other parts of the body (1197)					
Head	2.5 (43)	2.0 (10)	–	–	–
Throat	10.3 (177)	8.8 (45)	0.683	0.92	0.56-1.50
Jaw	5.3 (92)	5.3 (27)	–	–	–
Neck	2.5 (43)	2.9 (15)	–	–	–
Between scapulars	2.2 (37)	1.6 (8)	–	–	–
Back	15.2 (261)	17.5 (89)	0.066	1.31	0.89-1.94
Left shoulder	8.5 (147)	9.0 (46)	0.390	1.18	0.71-1.95
Right shoulder	4.2 (72)	3.5 (18)	–	–	–
Left arm	24.0 (412)	29.4 (150)	<0.001*	1.62	1.17-2.25
Right arm	8.4 (145)	9.4 (48)	0.251	1.25	0.75-2.06
Left hand	1.0 (17)	0.2 (1)	–	–	–
Right hand	0.3 (6)	0.2 (1)	–	–	–
Stomach	7.0 (121)	6.5 (33)	0.275	0.78	0.44-1.38
Left leg	1.7 (29)	1.0 (5)	–	–	–
Right leg	1.4 (24)	0.6 (3)	–	–	–
No other pain	39.3 (676)	35.9 (183)	0.005*	0.72	0.53-0.97
Pain quality (1175)					
Band-shaped	3.3 (58)	3.0 (15)	–	–	–
Burning	4.4 (76)	4.3 (22)	–	–	–
Stabbing	9.7 (169)	10.7 (54)	0.399	1.16	0.72-1.86
Cramping	8.7 (151)	6.1 (31)	0.078	0.68	0.39-1.19
Dull pain	13.9 (242)	13.6 (69)	0.582	0.91	0.60-1.38
Feels like something is on the chest	0.7 (12)	0.4 (2)	–	–	–
Discomfort	10.2 (178)	9.7 (49)	0.596	0.90	0.56-1.45
Tingling/Stinging	5.7 (99)	5.9 (30)	–	–	–
Swaying	1.7 (30)	2.0 (10)	–	–	–
Pressuring	57.9 (1008)	58.3 (295)	0.985	1.00	0.75-1.33
Heaviness	1.0 (17)	0.8 (4)	–	–	–
Aching	2.4 (41)	3.0 (15)	–	–	–

Supplemental material 3 continues

	All % (n)	History of ACS % (n)	p-value ^a	Odds Ratio	Confidence Interval, 99 %
Chest pain localisation (640)					
Central pain	53.4 (1215)	55.4 (377)	0.202	1.13	0.88-1.44
Left side of chest	35.5 (809)	36.0 (245)	0.532	1.06	0.82-1.37
Right side of chest	5.1 (116)	3.5 (24)	0.008*	0.52	0.28-0.98
Upper part of chest	6.7 (152)	5.7 (39)	0.639	0.91	0.54-1.52
Lower part of chest	9.0 (204)	7.2 (49)	0.061	0.71	0.45-1.13
All over the chest	11.8 (269)	11.3 (77)	0.531	0.91	0.62-1.33
Size of area affected by pain (794)					
Two inch diameter	10.7 (228)	10.1 (63)	0.746	0.94	0.62-1.44
Size of patient's palm	58.4 (1240)	60.0 (374)	0.207	1.13	0.87-1.47
Entire chest	30.9 (655)	29.9 (186)	0.259	0.88	0.67-1.16
Palpation tenderness (655)	22.3 (505)	21.6 (146)	0.860	0.98	0.72-1.32
Pain affected by movement (719)	17.0 (373)	15.9 (105)	0.729	0.95	0.68-1.34
Pain affected by breathing (692)	25.8 (573)	20.9 (139)	0.012	0.74	0.55-1.00

^aMultivariate regression analyses including sex, age, previous history of ACS or diabetes mellitus and diagnosis of AMI on hospital discharge

*p-value <0.01 i.e. statistically significant