

Supplemental material 2 - Multivariate analyses of differences in symptoms based on age

	All % (n)	Age >72 % (n)	p-value ^a	Odds Ratio	Confidence Interval, 99 %
All (number of missing)	100 (2917)	49.2 (1436)			
Pale (565)	16.4 (386)	16.7 (196)	0.745	0.96	0.71-1.30
Clammy (565)	8.7 (204)	6.4 (75)	0.001*	0.58	0.39-0.88
Nausea (576)	27.1 (635)	23.2 (270)	<0.001*	0.64	0.49-0.82
Vomiting (576)	7.0 (165)	6.3 (74)	0.331	0.84	0.55-1.31
Affected breathing according to patient (596)	44.6 (1040)	44.2 (514)	0.155	0.88	0.70-1.10
Pain intensity according to Numeric Rating Scale >5	32.1 (803)	30.1 (372)	0.002*	0.75	0.60-0.95
Time elapsed since pain onset >3 hours (1007)	45.2 (863)	47.3 (445)	0.053	1.20	0.94-1.54
Debut					
Debut during activity (752)	22.1 (479)	17.8 (191)	<0.001*	0.61	0.46-0.81
Debut while resting (752)	65.5 (1419)	67.6 (725)	0.164	1.14	0.89-1.45
Debut while sleeping (752)	15.8 (342)	18.1 (194)	0.001*	1.51	1.09-2.07
Sudden debut, within seconds (875)	35.7 (729)	31.4 (313)	<0.001*	0.71	0.55-0.91
Quick debut, within minutes (875)	35.2 (718)	35.8 (357)	0.666	1.04	0.81-1.33
Slow debut, within hours (875)	29.1 (595)	32.7 (326)	0.001*	1.39	1.07-1.81
Constant pain (732)	55.5 (1212)	57.1 (615)	0.136	1.14	0.90-1.44
Fluctuating pain (732)	40.4 (883)	40.0 (431)	0.911	0.99	0.78-1.25
Pain aggravating over time (732)	10.8 (237)	9.4 (101)	0.012	0.69	0.48-1.01
Pain in other parts of the body (1197)					
Head	2.5 (43)	1.8 (15)	–	–	–
Throat	10.3 (177)	8.6 (73)	0.016	0.66	0.43-1.03
Jaw	5.3 (92)	3.8 (32)	–	–	–
Neck	2.5 (43)	2.5 (21)	–	–	–
Between scapulars	2.2 (37)	1.5 (13)	–	–	–
Back	15.2 (261)	16.4 (139)	0.871	1.02	0.71-1.47
Left shoulder	8.5 (147)	7.5 (64)	0.077	0.72	0.45-1.15
Right shoulder	4.2 (72)	4.0 (34)	–	–	–
Left arm	24.0 (412)	23.1 (196)	0.032	0.77	0.56-1.05
Right arm	8.4 (145)	8.5 (72)	0.454	0.87	0.54-1.39
Left hand	1.0 (17)	0.4 (3)	–	–	–
Right hand	0.3 (6)	0.2 (2)	–	–	–
Stomach	7.0 (121)	7.5 (64)	0.290	1.23	0.74-2.05
Left leg	1.7 (29)	1.8 (15)	–	–	–
Right leg	1.4 (24)	1.4 (12)	–	–	–
No other pain	39.3 (676)	41.3 (351)	0.002*	1.39	1.06-1.82
Pain quality (1175)					
Band-shaped	3.3 (58)	3.4 (29)	–	–	–
Burning	4.4 (76)	3.5 (30)	–	–	–
Stabbing	9.7 (169)	8.8 (75)	0.280	0.83	0.53-1.29
Cramping	8.7 (151)	6.7 (57)	0.014	0.63	0.40-1.02
Dull pain	13.9 (242)	14.6 (124)	0.414	1.12	0.77-1.62
Feels like something is on the chest	0.7 (12)	0.6 (5)	–	–	–
Discomfort	10.2 (178)	10.6 (90)	0.547	1.10	0.72-1.68
Tingling/Stinging	5.7 (99)	4.9 (42)	–	–	–
Swaying	1.7 (30)	1.5 (13)	–	–	–
Pressuring	57.9 (1008)	60.0 (510)	0.129	1.16	0.89-1.51
Heaviness	1.0 (17)	1.1 (9)	–	–	–
Aching	2.4 (41)	2.4 (20)	–	–	–

Supplemental material 2 continues

	All % (n)	Age >72 % (n)	p-value ^a	Odds Ratio	Confidence Interval, 99 %
Chest pain localisation (640)					
Central pain	53.4 (1215)	54.2 (613)	0.898	1.01	0.80-1.26
Left side of chest	35.5 (809)	32.7 (370)	0.016	0.80	0.63-1.01
Right side of chest	5.1 (116)	5.4 (61)	0.208	1.28	0.77-2.13
Upper part of chest	6.7 (152)	5.9 (67)	0.163	0.78	0.49-1.23
Lower part of chest	9.0 (204)	9.3 (105)	0.462	1.11	0.75-1.65
All over the chest	11.8 (269)	12.5 (141)	0.374	1.12	0.79-1.59
Size of area affected by pain (794)					
Two inch diameter	10.7 (228)	10.4 (109)	0.875	1.02	0.70-1.49
Size of patient's palm	58.4 (1240)	56.7 (594)	0.082	0.85	0.67-1.07
Entire chest	30.9 (655)	32.9 (344)	0.078	1.18	0.92-1.52
Palpation tenderness (655)	22.3 (505)	21.3 (239)	0.129	0.85	0.64-1.11
Pain affected by movement (719)	17.0 (373)	15.5 (169)	0.073	0.80	0.59-1.09
Pain affected by breathing (692)	25.8 (573)	21.5 (236)	<0.001*	0.68	0.52-0.89

^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