

Table S2. Number and percentage of symptom characteristics based on gender and age.

	All (n=1506)	Men (n=909)	Women (n=597)	P-value	<70 years (n=1039)	≥70 years (n=467)	P-value
Presenting symptom							
Chest pain	1468 (97.5)	882 (97.0)	586 (98.2)	0.172	1020 (98.2)	448 (95.9)	0.010
Location*							
Retrosternal	661 (45.0)	408 (46.1)	253 (43.2)	0.245	487 (47.7)	174 (38.8)	0.002
Precordial	317 (21.5)	223 (25.3)	94 (16.0)	<0.001	230 (22.5)	87 (19.4)	0.180
Thorax, other parts	396 (27.0)	220 (24.9)	176 (30.0)	0.031	255 (25.0)	141 (31.5)	0.010
Shoulders or arms	34 (2.3)	19 (2.2)	15 (2.6)	0.613	21 (2.1)	13 (2.9)	0.323
Jaw or neck	25 (1.7)	8 (0.9)	17 (2.9)	0.004	13 (1.3)	12 (2.7)	0.056
Sum typical [†] location	1391 (94.8)	849 (96.3)	542 (92.5)	0.002	975 (95.6)	416 (92.9)	0.031
Epigastric or abdominal	81 (5.5)	44 (5.0)	37 (6.3)	0.276	45 (4.4)	36 (8.0)	0.005
Other location [‡]	34 (2.3)	15 (1.7)	19 (3.2)	0.054	23 (2.3)	11 (2.5)	0.814
Sum atypical [§] location	114 (7.8)	59 (6.7)	55 (9.4)	0.059	68 (6.7)	46 (10.3)	0.018
Character							
Tight/crushing	960 (65.4)	557 (63.2)	403 (68.8)	0.027	683 (67.0)	277 (61.8)	0.057
Dull/heavy	81 (5.4)	53 (5.9)	28 (4.8)	0.356	49 (4.8)	31 (6.9)	0.100
SUM typical [¶] character	1032 (70.3)	604 (68.5)	428 (73.0)	0.061	728 (71.4)	304 (67.9)	0.175
Burning	89 (6.1)	49 (5.6)	40 (6.8)	0.318	60 (5.9)	29 (6.5)	0.662
Stinging	218 (14.9)	147 (16.7)	71 (12.1)	0.016	175 (17.2)	43 (9.6)	<0.001
Other atypical [‡]	2 (0.1)	1 (0.1)	1 (0.2)	1.000	2 (0.2)	0 (0.0)	1.000
Sum atypical [¶] character	299 (20.4)	192 (21.8)	107 (18.3)	0.041	230 (22.5)	69 (15.4)	0.006
Unknown	263 (17.5)	169 (19.2)	94 (16.0)	0.127	168 (16.5)	95 (21.2)	0.029
Typical pain**	981 (81.4)	585 (82.0)	396 (80.5)	0.494	697 (81.8)	284 (80.5)	0.582
Atypical pain ^{††}	224 (15.3)	128 (18.0)	96 (19.5)	0.494	155 (18.2)	69 (19.5)	0.582
Radiation							
Multiple directions	298 (19.8)	141 (15.5)	157 (26.3)	<0.001	218 (21.0)	80 (17.1)	0.083
Both arms	66 (4.4)	45 (5.0)	21 (3.5)	0.184	43 (4.1)	23 (4.9)	0.490
Left arm	296 (19.7)	176 (19.4)	120 (20.1)	0.724	212 (20.4)	84 (18.0)	0.275
Right arm	20 (1.3)	10 (1.1)	10 (1.7)	0.340	14 (1.3)	6 (1.3)	0.922
Both shoulders	25 (1.7)	11 (1.2)	14 (2.3)	0.092	14 (1.3)	11 (2.4)	0.157
Left or right shoulder	92 (6.1)	45 (5.0)	47 (7.9)	0.021	67 (6.4)	25 (5.4)	0.412
Jaw	321 (21.3)	148 (16.3)	173 (29.0)	<0.001	238 (22.9)	83 (17.8)	0.024
Epigastrium or abdomen	38 (2.5)	19 (2.1)	19 (3.2)	0.186	28 (2.7)	10 (2.1)	0.526
Back	189 (12.5)	81 (8.9)	108 (18.1)	<0.001	128 (12.3)	61 (13.1)	0.687
Numbness upper extremities	128 (8.5)	79 (8.7)	49 (8.2)	0.742	103 (9.9)	25 (5.4)	0.003
Any radiation	789 (52.4)	430 (47.3)	359 (60.1)	<0.001	565 (54.4)	224 (48.0)	0.021
Unknown	26 (1.7)	17 (1.9)	9 (1.5)	0.597	14 (1.3)	12 (2.6)	0.092
Additional symptoms^{‡‡}							
Shortness of breath	628 (41.7)	353 (38.8)	275 (46.1)	0.005	444 (42.7)	184 (39.4)	0.225
Nausea	318 (21.1)	155 (17.1)	163 (27.3)	<0.001	221 (21.3)	97 (20.8)	0.826
Vomiting	43 (2.9)	27 (3.0)	16 (2.7)	0.741	27 (2.6)	16 (3.4)	0.372
Diaphoresis or clamminess	287 (19.1)	188 (20.7)	99 (16.6)	0.048	213 (20.5)	74 (15.8)	0.033
Palpitations	174 (11.6)	89 (9.8)	85 (14.2)	0.008	111 (10.7)	63 (13.5)	0.115
Dizziness	226 (15.0)	118 (13.0)	108 (18.1)	0.007	160 (15.4)	66 (14.1)	0.524
Sum typical ^{§§} add. symptoms	1005 (66.7)	569 (62.6)	436 (73.0)	<0.001	699 (67.3)	306 (65.5)	0.505
Dependent of position	124 (8.2)	72 (7.9)	52 (8.7)	0.586	91 (8.8)	33 (7.1)	0.269
Dependent of respiration	149 (9.9)	89 (9.8)	60 (10.1)	0.869	116 (11.2)	33 (7.1)	0.014
Pain upon palpation	177 (11.8)	86 (9.5)	91 (15.2)	0.001	126 (12.1)	51 (10.9)	0.501
Sum atypical ^{¶¶} add. symptoms	351 (23.3)	190 (20.9)	161 (27.0)	0.006	254 (24.4)	97 (20.8)	0.119
Effect of NG	268 (17.8)	169 (18.6)	99 (16.6)	0.319	174 (16.7)	94 (20.1)	0.113
Debut of symptoms							
During physical activity	285 (18.9)	199 (21.9)	86 (14.4)	<0.001	196 (18.9)	89 (19.1)	0.929
After physical activity	72 (4.8)	45 (5.0)	27 (4.5)	0.703	54 (5.2)	18 (3.9)	0.259
Acute/chronic stress	115 (7.6)	64 (7.0)	51 (8.5)	0.283	96 (9.2)	19 (4.1)	<0.001
During rest	1027 (68.2)	602 (66.2)	425 (71.2)	0.043	695 (66.9)	332 (71.1)	0.105
Unknown	18 (1.2)	9 (1.0)	9 (1.5)	0.366	10 (1.0)	8 (1.7)	0.215
Symptom duration							
<30 min	377 (25.0)	228 (25.1)	149 (25.0)	0.957	279 (26.9)	98 (21.0)	0.015
30-60 min	84 (5.6)	44 (4.8)	40 (6.7)	0.124	57 (5.5)	27 (5.8)	0.817
60 min to 24 hours	482 (32.0)	302 (33.2)	180 (30.2)	0.211	324 (31.2)	158 (33.8)	0.308
>24 hours	155 (10.3)	92 (10.1)	63 (10.6)	0.787	107 (10.3)	48 (10.3)	0.991
Terminated by NG	88 (5.8)	58 (6.4)	30 (5.0)	0.273	62 (6.0)	26 (5.6)	0.760
Terminated by morphine	37 (2.5)	18 (2.0)	19 (3.2)	0.140	21 (2.0)	16 (3.4)	0.103

Unknown	283 (18.8)	167 (18.4)	116 (19.4)	0.607	189 (18.2)	94 (20.1)	0.373
Last 24 hours							
Exert. chest pain >once	48 (3.2)	34 (3.7)	14 (2.3)	0.132	26 (0.024)	22 (4.7)	0.024
Last week							
Exertional chest pain	268 (17.8)	182 (20.0)	86 (14.4)	0.005	174 (16.7)	94 (20.1)	0.113
Shortness of breath	60 (4.0)	32 (3.5)	28 (4.7)	0.256	37 (3.6)	23 (4.9)	0.211
Pain similar to previous AMI	57 (3.8)	45 (5.0)	12 (2.0)	0.003	36 (3.5)	21 (4.5)	0.332

* In patients having chest pain at presentation.

† Traditionally considered typical pain location like retrosternal, precordial, other parts of thorax, shoulder, arms, jaw or neck.

‡ Back and other locations.

§ Traditionally considered atypical pain location like epigastrium, abdomen, back or other locations.

¶ Traditionally considered typical pain character like tight, crushing, dull or heavy.

Traditionally considered atypical pain character like burning, stinging or other.

** Typical pain is defined as traditionally considered typical location and character

†† Atypical pain is defined as either atypical location or character, or both.

‡‡ If not stated considered negative

§§ Traditionally considered typical additional symptoms like shortness of breath, nausea, vomiting, diaphoresis, clamminess, palpitations or dizziness.

¶¶ Traditionally considered atypical additional symptoms like pain dependent of position, respiration or palpation.