

Appendix 1. Distribution of disease types according to age group in the EMS and non-EMS group

(A) The EMS group

	Age groups (years)						<i>p</i> -value
	Total (n=9,770)	<1 (n=1,601)	1-4 (n=2,869)	5-9 (n=1,590)	10-14 (n=1,499)	15-18 (n=2,211)	
ICD-10 code (n, %)							<0.001
R	3,994 (40.88)	735 (45.91)	1,719 (59.92)	546 (34.34)	454 (30.29)	540 (24.42)	
S/T	3,678 (37.65)	140 (8.74)	685 (23.88)	806 (50.69)	821 (54.77)	1,226 (55.45)	
J	464 (4.75)	96 (6.00)	207 (7.22)	65 (4.09)	28 (1.87)	68 (3.08)	
A/B	212 (2.17)	62 (3.87)	68 (2.37)	27 (1.70)	25 (1.67)	30 (1.36)	
K	204 (2.09)	29 (1.81)	39 (1.36)	25 (1.57)	37 (2.47)	74 (3.35)	
L	40 (0.41)	7 (0.44)	14 (0.49)	11 (0.69)	3 (0.20)	5 (0.23)	
H	44 (0.45)	1 (0.06)	19 (0.66)	5 (0.31)	6 (0.40)	13 (0.59)	
P	438 (4.48)	415 (25.92)	16 (0.56)	5 (0.31)	2 (0.13)	0 (0.00)	
G	212 (2.17)	10 (0.62)	50 (1.74)	56 (3.52)	40 (2.67)	56 (2.53)	
Others	48 (4.95)	106 (6.62)	52 (1.81)	44 (2.77)	83 (5.54)	199 (9.00)	

(B) The non-EMS group

	Age groups (years)						<i>p</i> -value
	Total (n=129,613)	<1 (n=24,257)	1-4 (n=60,819)	5-9 (n=21,912)	10-14 (n=11,994)	15-18 (n=10,631)	
ICD-10 code (n, %)							<0.001
R	49,593 (38.26)	12,682 (52.28)	23,709 (38.98)	7,018 (32.03)	3,591 (29.94)	2,593 (24.39)	
S/T	24,581 (18.96)	1,335 (5.50)	10,459 (17.20)	5,799 (26.46)	3,711 (30.94)	3,277 (30.82)	
J	23,613 (18.22)	4,701 (19.38)	13,300 (21.87)	3,301 (15.06)	1,083 (9.03)	1,228 (11.55)	
A/B	11,226 (8.66)	2,608 (10.75)	5,137 (8.45)	1,530 (6.98)	865 (7.21)	1,086 (10.22)	
K	4,972 (3.84)	671 (2.77)	1,765 (2.90)	887 (4.05)	849 (7.08)	800 (7.53)	
L	4,699 (3.63)	574 (2.37)	2,317 (3.81)	996 (4.55)	490 (4.09)	322 (3.03)	
H	4,158 (3.21)	203 (0.84)	2,106 (3.46)	1,082 (4.94)	425 (3.54)	342 (3.22)	
P	732 (0.56)	514 (2.12)	186 (0.31)	18 (0.08)	10 (0.08)	4 (0.04)	
G	659 (0.51)	53 (0.22)	146 (0.24)	187 (0.85)	143 (1.19)	130 (1.22)	
Others	5,380 (4.15)	916 (3.78)	1,694 (2.79)	1,094 (4.99)	827 (6.90)	849 (7.99)	

ICD-10 (International Classification of Diseases, 10th revision); EMS (emergency medical service)