

**Table S1.** Multinomial model odds ratios and p-values.

Predictors	Disease patients			Injuries		
	OR <sup>/</sup>	95% CI <sup>/</sup>	p-value	OR <sup>/</sup>	95% CI <sup>/</sup>	p-value
Sex:						
Female	—	—		—	—	
Male	0.06	0.00, 16.9	0.3	0.32	0.11, 0.92	0.035
Experience:						
< 1 month	—	—		—	—	
1–2 months	1.07	0.13, 8.58	>0.9	0.75	0.48, 1.17	0.2
2–3 months	1.63	0.34, 7.87	0.5	0.89	0.48, 1.65	0.7
3–6 months	2.23	0.61, 8.17	0.2	0.47	0.29, 0.75	0.002
6–12 months	0.89	0.25, 3.18	0.9	0.51	0.31, 0.84	0.008
1–3 years	0.51	0.15, 1.77	0.3	0.39	0.24, 0.64	<0.001
3–5 years	0.74	0.11, 4.88	0.8	0.83	0.26, 2.59	0.7
5+years	0.34	0.09, 1.27	0.11	1.32	0.47, 3.72	0.6
Completion rate:						
0–20%	—	—		—	—	
20–40%	0.87	0.19, 4.09	0.9	1.65	1.12, 2.44	0.012
40–60%	0.97	0.24, 3.87	>0.9	1.43	0.98, 2.08	0.062
60–80%	0.78	0.19, 3.17	0.7	2.02	1.35, 3.03	<0.001
80%+	1.38	0.45, 4.25	0.6	1.6	1.08, 2.36	0.018
Number of employees:						
<5	—	—		—	—	
5–9	0.49	0.13, 1.80	0.3	0.64	0.43, 0.95	0.025
10–15	0.79	0.19, 3.31	0.7	0.69	0.44, 1.09	0.11
16–29	2.95	0.60, 14.5	0.2	1.21	0.73, 2.01	0.5
30–99	0.58	0.20, 1.72	0.3	0.59	0.40, 0.86	0.006
100–499	0.61	0.21, 1.73	0.4	0.51	0.34, 0.77	0.001
500+	3.22	0.53, 19.7	0.2	0.65	0.33, 1.29	0.2
Month of accident:						
January	—	—		—	—	
February	0.34	0.04, 2.68	0.3	1.5	0.76, 2.96	0.2
March	5.15	0.02, 1,536	0.6	0.93	0.52, 1.65	0.8
April	0.24	0.03, 1.71	0.2	2.27	1.15, 4.51	0.019
May	0.3	0.04, 2.45	0.3	1.3	0.72, 2.33	0.4
June	0.12	0.02, 0.79	0.027	1.03	0.56, 1.89	>0.9
July	0.11	0.02, 0.69	0.019	1.03	0.58, 1.85	>0.9
August	0.22	0.03, 1.39	0.11	0.98	0.55, 1.75	>0.9
September	0.13	0.01, 1.22	0.074	1.76	0.93, 3.34	0.082
October	0.44	0.06, 3.34	0.4	2.26	1.17, 4.34	0.015
November	0.37	0.05, 2.89	0.3	1.16	0.65, 2.08	0.6
December	0.2	0.03, 1.24	0.084	1.26	0.69, 2.31	0.5
Accident hour:						

Predictors	Disease patients			Injuries		
	OR <sup>/</sup>	95% CI <sup>/</sup>	p-value	OR <sup>/</sup>	95% CI <sup>/</sup>	p-value
0:00	—	—		—	—	
1:00	53.6	0.00, 2475	0.8	0.71	0.05, 9.22	0.8
2:00	421	0.00, 4462	0.8	35.8	0.00, 72	0.8
3:00	0.00	0.00, 3639	0.8	0.05	0.00, 0.66	0.023
4:00	1	1.00, 1.00	0.2	58.3	0.00, 62	0.9
5:00	0.13	0.00, 3.90	0.2	1.04	0.07, 14.4	>0.9
6:00	0.08	0.01, 1.28	0.075	0.18	0.04, 0.84	0.03
7:00	0.17	0.01, 4.28	0.3	0.49	0.14, 1.77	0.3
8:00	0.47	0.06, 3.71	0.5	0.45	0.14, 1.49	0.2
9:00	0.67	0.15, 2.99	0.6	0.48	0.15, 1.58	0.2
10:00	1.3	0.29, 5.82	0.7	0.52	0.16, 1.71	0.3
11:00	0.2	0.03, 1.51	0.12	0.5	0.15, 1.66	0.3
12:00	1.29	0.22, 7.53	0.8	0.56	0.16, 2.05	0.4
13:00	0.31	0.02, 4.24	0.4	0.36	0.11, 1.22	0.1
14:00	0.22	0.04, 1.36	0.1	0.61	0.18, 2.02	0.4
15:00	2.54	0.29, 22.6	0.4	0.62	0.19, 2.08	0.4
16:00	1.14	0.19, 6.66	0.9	0.82	0.24, 2.81	0.8
17:00	0.38	0.03, 4.84	0.5	0.35	0.09, 1.41	0.14
18:00	0.12	0.01, 1.49	0.1	0.53	0.09, 3.00	0.5
19:00	0.13	0.01, 1.65	0.11	0.11	0.01, 0.76	0.026
20:00	6.37	0.08, 487	0.4	0.12	0.01, 1.30	0.08
21:00	117	0.00, 228	0.7	0.19	0.01, 2.83	0.2
22:00	0.14	0.01, 3.03	0.2	0.08	0.00, 1.60	0.1
23:00	0.00	0.00, 51	0.9	0.21	0.02, 1.79	0.2
Diagnosis:						
Abdomen, lower back	—	—		—	—	
Ankle and foot	56.2	0.00, 1958	>0.9	1297	0.00, 254	0.5
Burns and corrosions	0.00	0.00, 66	0.8	0.2	0.06, 0.73	0.015
Circulatory system	0.00	0.00, 42	0.8	0	0.00, 0.01	<0.001
Ear and mastoid process	3765	0.00, 8647	>0.9	233	0.00, 7	0.9
Elbow and forearm	142	0.00, 333	>0.9	1162	0.00, 9	0.5
Head	0.00	0.00, 361	0.8	0.04	0.02, 0.07	<0.001
Hip and thigh	10.1	0.00, 779	>0.9	3.83	0.50, 29.6	0.2
Knee and lower leg	47	0.00, 20	0.8	6.59	1.48, 29.2	0.013
Musculoskeletal system	47.2	0.00, 23583	0.9	0.07	0.01, 0.34	<0.001
Neck	0.32	0.00, 15	>0.9	0.13	0.06, 0.28	<0.001
Others	0.00	0.00, 30	0.8	0.02	0.01, 0.04	<0.001
Respiratory system	0.00	0.00, 98	0.8	0.01	0.00, 0.03	<0.001
Shoulder and upper arm	49.3	0.00, 234	0.8	5.55	0.72, 42.8	0.1
Thorax	1.3	0.00, 5	>0.9	0.33	0.18, 0.63	<0.001
Wrist and hand	390	0.00, 736	0.6	1570	0.00, 500	0.3

Form of occurrence:

Predictors	Disease patients			Injuries		
	OR <sup>1</sup>	95% CI <sup>1</sup>	p-value	OR <sup>1</sup>	95% CI <sup>1</sup>	p-value
Building collapse	—	—		—	—	
Bump	0.02	0.00, 16	0.8	5.23	2.23, 12.3	<0.001
Carelessness	2.26	0.00, 183	>0.9	1680	0.00, 97	0.6
Chemical contact	379	0.00, 154	0.7	2.82	0.78, 10.2	0.11
Cutting and stabbing	0.61	0.00, 51	>0.9	52.2	6.44, 423	<0.001
Diseases infection	220	0.00, 814	0.6	0.07	0.02, 0.30	<0.001
Electric shock	0.02	0.00, 842	>0.9	2.85	0.78, 10.3	0.11
Entrapment	0.00	0.00, 1	0.8	0.91	0.31, 2.67	0.9
Explosion and rupture	0.2	0.00, 21	>0.9	1.17	0.18, 7.70	0.9
Extreme heat exposure	187	0.00, 1025	0.6	2794	0.00, 57	0.7
Fall down	0.3	0.00, 2	>0.9	22.5	7.13, 70.9	<0.001
Fall from height	0.05	0.00, 392	0.7	1.27	0.61, 2.65	0.5
Fire	0.83	0.00, 15	>0.9	1.34	0.26, 6.96	0.7
Flip over(buried)	0.00	0.00, 1	>0.9	1.68	0.68, 4.14	0.3
Hit by an object	0.04	0.00, 177	0.9	9.97	4.30, 23.1	<0.001
Off-site traffic accident	0.00	0.00, 145	>0.9	0.6	0.22, 1.66	0.3
Others	0.03	0.00, 25	>0.9	0.33	0.10, 1.07	0.065

OR<sup>1</sup> = Odds Ratio, CI = Confidence Interval