

Table B Number of visits (n), odds ratios (OR) and 95% confidence intervals (CI) for the daily emergency hospital visits for cardiac arrest (ICD-10 code: I46) in Reykjavik capital area associated with 10 µg/m³ increase in NO₂, PM₁₀, PM_{2.5}, SO₂ and H₂S, adjusted for each pollutant, temperature and relative humidity, stratified by gender, and age at lag 0 to lag 4, lag 0-1, lag 0-2, lag 0-3, and lag 0-4.

Categories/Visits (n)	Lag	NO ₂		PM ₁₀		PM _{2.5}		SO ₂		H ₂ S	
		OR	95% CI	OR	95% CI	OR	95% CI	OR	95% CI	OR	95% CI
Females (125)	0	1.223	1.011-1.481	0.982	0.857-1.126	0.900	0.763-1.063	0.256	0.039-1.665	1.270	0.797-2.024
	1	1.029	0.860-1.231	1.006	0.928-1.091	0.895	0.764-1.049	0.740	0.237-2.316	1.036	0.688-1.561
	2	1.009	0.839-1.212	1.193	1.059-1.344	0.958	0.843-1.089	0.284	0.051-1.582	0.902	0.531-1.532
	3	1.029	0.860-1.232	1.040	0.959-1.129	0.983	0.857-1.127	0.286	0.064-1.287	1.156	0.759-1.760
	4	1.175	0.997-1.384	0.927	0.806-1.068	1.036	0.909-1.181	0.495	0.154-1.591	1.006	0.639-1.583
	0-1	1.214	0.948-1.555	1.016	0.893-1.157	0.867	0.724-1.038	0.404	0.076-2.132	1.184	0.698-2.008
	0-2	1.174	0.893-1.543	1.110	0.958-1.287	0.889	0.740-1.068	0.236	0.034-1.664	1.172	0.605-2.273
	0-3	1.177	0.867-1.597	1.162	0.982-1.374	0.901	0.748-1.085	0.134	0.015-1.166	1.350	0.665-2.740
	0-4	1.278	0.939-1.740	1.133	0.935-1.372	0.914	0.754-1.108	0.118	0.012-1.125	1.276	0.593-2.743
	Males (328)	0	0.935	0.841-1.041	1.036	0.966-1.112	1.012	0.946-1.083	1.093	1.009-1.184	1.218
1		0.989	0.888-1.101	1.067	0.993-1.147	1.013	0.951-1.079	0.992	0.882-1.116	1.094	0.805-1.486
2		0.982	0.878-1.098	1.058	0.992-1.128	0.997	0.932-1.067	1.000	0.937-1.067	1.242	0.962-1.604
3		1.087	0.978-1.208	1.028	0.966-1.094	1.031	0.972-1.094	0.996	0.921-1.077	1.238	0.988-1.550
4		1.079	0.975-1.194	1.070	0.988-1.158	1.066	0.995-1.142	1.007	0.944-1.073	0.895	0.666-1.203
0-1		0.924	0.808-1.057	1.077	0.989-1.174	1.015	0.943-1.092	1.102	0.984-1.233	1.302	0.936-1.810
0-2		0.902	0.771-1.055	1.120	1.015-1.237	1.012	0.933-1.099	1.088	0.958-1.235	1.503	1.013-2.229
0-3		0.942	0.793-1.120	1.139	1.020-1.273	1.022	0.935-1.117	1.086	0.940-1.255	1.628	1.078-2.457
0-4		0.985	0.818-1.186	1.174	1.037-1.328	1.047	0.949-1.154	1.087	0.937-1.260	1.499	0.955-2.351
Older ≥71 (192)		0	1.035	0.901-1.188	0.995	0.898-1.102	1.038	0.940-1.147	1.089	0.967-1.226	1.096
	1	0.985	0.853-1.137	1.000	0.891-1.122	1.001	0.910-1.101	0.974	0.833-1.140	1.065	0.763-1.485
	2	1.099	0.953-1.267	1.186	1.066-1.320	1.034	0.942-1.135	0.989	0.901-1.085	1.210	0.883-1.659
	3	1.030	0.894-1.188	1.054	0.981-1.134	1.032	0.931-1.144	0.823	0.513-1.318	1.315	0.992-1.744
	4	1.071	0.943-1.216	1.057	0.969-1.152	1.024	0.938-1.117	1.000	0.895-1.117	0.887	0.618-1.272
	0-1	0.999	0.839-1.190	0.997	0.872-1.141	1.019	0.912-1.138	1.065	0.917-1.236	1.154	0.776-1.717
	0-2	1.055	0.862-1.291	1.151	1.005-1.319	1.036	0.921-1.164	1.045	0.891-1.226	1.266	0.796-2.014
	0-3	1.060	0.848-1.325	1.197	1.033-1.386	1.038	0.910-1.185	0.993	0.824-1.197	1.460	0.906-2.354
	0-4	1.087	0.860-1.374	1.243	1.056-1.463	1.056	0.915-1.218	0.998	0.824-1.208	1.371	0.808-2.324
	Younger <71 (261)	0	0.961	0.853-1.083	1.037	0.958-1.122	0.962	0.885-1.045	1.083	0.975-1.204	1.242
1		1.019	0.905-1.148	1.055	0.993-1.122	0.989	0.916-1.068	0.998	0.833-1.195	1.031	0.724-1.469
2		0.892	0.784-1.014	1.059	0.978-1.147	0.965	0.889-1.048	1.005	0.914-1.105	1.019	0.723-1.438
3		1.076	0.957-1.209	1.025	0.958-1.097	1.020	0.956-1.088	1.069	0.941-1.214	1.094	0.814-1.470
4		1.123	1.002-1.259	0.992	0.893-1.101	1.083	0.991-1.183	1.007	0.930-1.091	0.926	0.653-1.312
0-1		0.973	0.837-1.132	1.075	0.990-1.166	0.970	0.887-1.060	1.108	0.941-1.306	1.236	0.840-1.818
0-2		0.890	0.744-1.065	1.117	1.007-1.238	0.959	0.869-1.058	1.108	0.907-1.353	1.286	0.799-2.069
0-3		0.930	0.761-1.136	1.136	1.009-1.279	0.975	0.881-1.080	1.149	0.915-1.445	1.349	0.808-2.253
0-4		1.162	0.720-1.874	1.133	0.856-1.499	0.951	0.708-1.277	0.047	0.002-1.342	2.088	0.734-5.942

Table B Continued

Older females (57)	0	1.394	1.036-1.876	0.926	0.750-1.142	0.772	0.523-1.140	0.420	0.024-7.404	0.847	0.418-1.713
	1	0.970	0.717-1.312	1.020	0.840-1.238	0.927	0.767-1.119	0.454	0.045-4.562	1.168	0.676-2.019
	2	1.228	0.926-1.628	1.177	1.010-1.371	0.983	0.840-1.151	0.150	0.005-4.657	0.534	0.182-1.565
	3	1.002	0.778-1.291	1.039	0.945-1.144	0.966	0.781-1.194	0.630	0.101-3.918	1.074	0.633-1.823
	4	1.128	0.908-1.401	0.925	0.772-1.108	0.935	0.761-1.148	3.684	0.414-32.751	0.736	0.351-1.545
	0-1	1.330	0.907-1.950	0.967	0.753-1.242	0.861	0.653-1.136	0.470	0.028-7.870	0.994	0.472-2.093
	0-2	1.435	0.941-2.189	1.105	0.869-1.404	0.933	0.732-1.189	0.195	0.006-6.790	0.777	0.270-2.242
	0-3	1.364	0.879-2.115	1.167	0.916-1.486	0.931	0.726-1.194	0.174	0.006-5.284	0.951	0.338-2.669
	0-4	1.401	0.924-2.124	1.116	0.847-1.469	0.918	0.701-1.201	0.421	0.017-10.137	0.727	0.217-2.434
Younger females (68)	0	1.131	0.873-1.465	1.052	0.864-1.281	0.930	0.776-1.113	0.184	0.017-2.013	2.148	1.038-4.446
	1	1.074	0.853-1.350	1.013	0.926-1.109	0.857	0.649-1.130	0.896	0.250-3.212	0.958	0.509-1.800
	2	0.853	0.661-1.100	1.186	0.976-1.440	0.901	0.714-1.137	0.481	0.072-3.209	1.194	0.638-2.232
	3	1.062	0.815-1.384	1.037	0.879-1.224	0.999	0.834-1.197	0.097	0.007-1.338	1.248	0.608-2.560
	4	1.186	0.910-1.546	0.880	0.693-1.118	1.197	0.964-1.486	0.187	0.023-1.544	1.137	0.603-2.146
	0-1	1.149	0.828-1.595	1.044	0.900-1.211	0.892	0.696-1.142	0.363	0.045-2.893	1.624	0.711-3.711
	0-2	1.001	0.687-1.459	1.124	0.921-1.371	0.866	0.653-1.150	0.277	0.027-2.883	1.763	0.701-4.434
	0-3	1.013	0.652-1.573	1.167	0.910-1.496	0.896	0.674-1.192	0.105	0.006-1.872	2.165	0.764-6.133
	0-4	1.162	0.720-1.874	1.133	0.856-1.499	0.951	0.708-1.277	0.047	0.002-1.342	2.088	0.734-5.942
Older males (135)	0	0.940	0.795-1.111	1.021	0.907-1.150	1.079	0.969-1.202	1.097	0.971-1.240	1.222	0.877-1.703
	1	1.000	0.846-1.183	0.985	0.846-1.145	1.032	0.925-1.151	0.996	0.851-1.164	1.116	0.722-1.725
	2	1.095	0.919-1.305	1.167	1.001-1.362	1.039	0.920-1.172	0.984	0.897-1.079	1.483	1.019-2.159
	3	1.053	0.881-1.258	1.058	0.947-1.182	1.059	0.940-1.192	0.831	0.518-1.334	1.457	1.000-2.121
	4	1.006	0.850-1.191	1.126	1.005-1.262	1.051	0.952-1.161	1.003	0.895-1.123	0.938	0.910-1.440
	0-1	0.920	0.748-1.132	1.010	0.856-1.191	1.067	0.943-1.207	1.090	0.938-1.268	1.381	0.848-2.248
	0-2	0.948	0.745-1.208	1.138	0.959-1.350	1.078	0.937-1.240	1.062	0.906-1.245	1.738	1.000-3.021
	0-3	0.966	0.739-1.263	1.177	0.972-1.424	1.092	0.924-1.289	1.020	0.846-1.230	1.963	1.062-3.628
	0-4	0.949	0.709-1.272	1.280	1.037-1.579	1.125	0.942-1.344	1.033	0.851-1.254	1.907	0.990-3.673
Younger males (193)	0	0.941	0.818-1.081	1.050	0.960-1.147	0.971	0.883-1.067	1.093	0.981-1.217	1.194	0.871-1.637
	1	0.984	0.855-1.134	1.097	1.009-1.193	1.005	0.929-1.087	1.001	0.834-1.203	1.076	0.694-1.668
	2	0.922	0.792-1.074	1.018	0.926-1.118	0.976	0.894-1.066	1.011	0.919-1.113	0.974	0.640-1.484
	3	1.111	0.970-1.272	1.017	0.942-1.099	1.025	0.956-1.098	1.082	0.945-1.238	1.108	0.798-1.538
	4	1.134	0.997-1.291	1.017	0.905-1.143	1.076	0.975-1.188	1.013	0.936-1.096	0.850	0.559-1.292
	0-1	0.932	0.781-1.113	1.110	1.003-1.229	0.989	0.899-1.087	1.123	0.948-1.329	1.208	0.767-1.902
	0-2	0.868	0.704-1.071	1.127	0.995-1.276	0.979	0.882-1.086	1.134	0.919-1.400	1.244	0.697-2.222
	0-3	0.929	0.738-1.169	1.125	0.979-1.293	0.993	0.891-1.107	1.186	0.924-1.522	1.318	0.716-2.426
	0-4	1.020	0.801-1.300	1.123	0.961-1.312	1.017	0.902-1.146	1.185	0.903-1.556	1.173	0.596-2.306