

SUPPLEMENTARY MATERIALS

Table S1. RR, 95%CI and p.value (P) for all-cause mortality.

Ozone	Total population			Women			Men		
	RR	95%CI	P	RR	95%CI	P	RR	95%CI	P
Lag 1	1.020	(1.006,1.033)	0.00	1.023	(1.004,1.041)	0.02	1.017	(0.997,1.036)	0.09
Lag 2	1.024	(1.011,1.038)	0.00	1.029	(1.011,1.048)	0.00	1.019	(0.999,1.038)	0.06
Lag 3	1.022	(1.009,1.036)	0.00	1.021	(1.002,1.039)	0.03	1.024	(1.005,1.044)	0.01
Lag 4	1.005	(0.992,1.018)	0.46	1.004	(0.986,1.023)	0.64	1.006	(0.987,1.025)	0.56
Lag 5	1.002	(0.989,1.015)	0.76	1.002	(0.984,1.020)	0.85	1.002	(0.983,1.022)	0.81
Lag 6	0.997	(0.984,1.010)	0.68	0.999	(0.981,1.018)	0.94	0.995	(0.976,1.014)	0.60
Lag 7	1.000	(0.987,1.014)	0.95	1.001	(0.983,1.019)	0.94	1.000	(0.981,1.020)	0.99
Lag 8	1.005	(0.992,1.018)	0.44	1.007	(0.989,1.025)	0.47	1.004	(0.985,1.023)	0.72
Lag 9	1.004	(0.991,1.017)	0.59	1.002	(0.984,1.020)	0.85	1.006	(0.987,1.025)	0.55
Lag 10	1.000	(0.987,1.014)	0.97	0.997	(0.979,1.016)	0.77	1.004	(0.985,1.023)	0.71
Lag 11	1.009	(0.996,1.023)	0.17	1.005	(0.987,1.024)	0.57	1.014	(0.995,1.033)	0.16
Lag 12	1.003	(0.990,1.017)	0.61	0.999	(0.981,1.017)	0.88	1.009	(0.990,1.028)	0.37
Lag 13	0.998	(0.985,1.012)	0.82	0.995	(0.977,1.013)	0.59	1.002	(0.983,1.022)	0.81
Lag 14	0.995	(0.982,1.008)	0.42	0.994	(0.976,1.012)	0.48	0.996	(0.977,1.015)	0.66
Lag 15	0.999	(0.986,1.012)	0.89	1.003	(0.985,1.021)	0.74	0.995	(0.976,1.014)	0.59
Lag 16	1.006	(0.993,1.019)	0.35	1.006	(0.988,1.024)	0.55	1.007	(0.988,1.026)	0.47
Lag 17	1.008	(0.995,1.022)	0.22	1.001	(0.983,1.019)	0.92	1.017	(0.997,1.036)	0.09
Lag 18	1.006	(0.993,1.019)	0.39	1.005	(0.987,1.023)	0.61	1.007	(0.988,1.026)	0.47
Lag 19	1.005	(0.991,1.018)	0.49	1.013	(0.995,1.032)	0.15	0.995	(0.976,1.014)	0.59
Lag 20	1.014	(1.000,1.027)	0.04	1.020	(1.001,1.038)	0.04	1.007	(0.988,1.027)	0.48
Lag 21	1.006	(0.993,1.019)	0.39	1.012	(0.994,1.030)	0.21	0.999	(0.980,1.019)	0.93
Lag 22	1.007	(0.994,1.021)	0.28	1.013	(0.995,1.031)	0.17	1.001	(0.982,1.021)	0.89
Lag 23	1.004	(0.991,1.017)	0.58	1.005	(0.987,1.024)	0.56	1.002	(0.983,1.021)	0.84
Lag 24	1.008	(0.995,1.021)	0.23	1.007	(0.990,1.026)	0.41	1.009	(0.990,1.028)	0.38
Lag 25	1.014	(1.001,1.028)	0.03	1.018	(1.000,1.036)	0.05	1.010	(0.991,1.029)	0.30
Lag 26	1.016	(1.003,1.029)	0.02	1.015	(0.997,1.034)	0.10	1.017	(0.998,1.037)	0.08
Lag 27	1.012	(0.999,1.025)	0.08	1.011	(0.993,1.029)	0.24	1.013	(0.994,1.032)	0.18
Lag 28	1.013	(1.000,1.026)	0.06	1.017	(0.999,1.036)	0.06	1.008	(0.989,1.027)	0.42
Lag 29	0.999	(0.987,1.012)	0.93	0.997	(0.979,1.015)	0.74	1.002	(0.984,1.021)	0.82
Lag 30	0.996	(0.983,1.009)	0.57	0.997	(0.979,1.015)	0.73	0.996	(0.977,1.014)	0.64

Table S2. RR, 95%CI and p.value (P) for cardiovascular mortality.

Ozone	Total population			Women			Men		
	RR	95%CI	P	RR	95%CI	P	RR	95%CI	P
Lag 1	1.020	(1.006,1.033)	0.00	1.023	(1.004,1.041)	0.02	1.017	(0.997,1.036)	0.09
Lag 2	1.024	(1.011,1.038)	0.00	1.029	(1.011,1.048)	0.00	1.019	(0.999,1.038)	0.06
Lag 3	1.022	(1.009,1.036)	0.00	1.021	(1.002,1.039)	0.03	1.024	(1.005,1.044)	0.01
Lag 4	1.005	(0.992,1.018)	0.46	1.004	(0.986,1.023)	0.64	1.006	(0.987,1.025)	0.56
Lag 5	1.002	(0.989,1.015)	0.76	1.002	(0.984,1.020)	0.85	1.002	(0.983,1.022)	0.81
Lag 6	0.997	(0.984,1.010)	0.68	0.999	(0.981,1.018)	0.94	0.995	(0.976,1.014)	0.60
Lag 7	1.000	(0.987,1.014)	0.95	1.001	(0.983,1.019)	0.94	1.000	(0.981,1.020)	0.99
Lag 8	1.005	(0.992,1.018)	0.44	1.007	(0.989,1.025)	0.47	1.004	(0.985,1.023)	0.72
Lag 9	1.004	(0.991,1.017)	0.59	1.002	(0.984,1.020)	0.85	1.006	(0.987,1.025)	0.55
Lag 10	1.000	(0.987,1.014)	0.97	0.997	(0.979,1.016)	0.77	1.004	(0.985,1.023)	0.71
Lag 11	1.009	(0.996,1.023)	0.17	1.005	(0.987,1.024)	0.57	1.014	(0.995,1.033)	0.16
Lag 12	1.003	(0.990,1.017)	0.61	0.999	(0.981,1.017)	0.88	1.009	(0.990,1.028)	0.37
Lag 13	0.998	(0.985,1.012)	0.82	0.995	(0.977,1.013)	0.59	1.002	(0.983,1.022)	0.81
Lag 14	0.995	(0.982,1.008)	0.42	0.994	(0.976,1.012)	0.48	0.996	(0.977,1.015)	0.66
Lag 15	0.999	(0.986,1.012)	0.89	1.003	(0.985,1.021)	0.74	0.995	(0.976,1.014)	0.59
Lag 16	1.006	(0.993,1.019)	0.35	1.006	(0.988,1.024)	0.55	1.007	(0.988,1.026)	0.47
Lag 17	1.008	(0.995,1.022)	0.22	1.001	(0.983,1.019)	0.92	1.017	(0.997,1.036)	0.09
Lag 18	1.006	(0.993,1.019)	0.39	1.005	(0.987,1.023)	0.61	1.007	(0.988,1.026)	0.47
Lag 19	1.005	(0.991,1.018)	0.49	1.013	(0.995,1.032)	0.15	0.995	(0.976,1.014)	0.59
Lag 20	1.014	(1.000,1.027)	0.04	1.020	(1.001,1.038)	0.04	1.007	(0.988,1.027)	0.48
Lag 21	1.006	(0.993,1.019)	0.39	1.012	(0.994,1.030)	0.21	0.999	(0.980,1.019)	0.93
Lag 22	1.007	(0.994,1.021)	0.28	1.013	(0.995,1.031)	0.17	1.001	(0.982,1.021)	0.89
Lag 23	1.004	(0.991,1.017)	0.58	1.005	(0.987,1.024)	0.56	1.002	(0.983,1.021)	0.84
Lag 24	1.008	(0.995,1.021)	0.23	1.007	(0.990,1.026)	0.41	1.009	(0.990,1.028)	0.38
Lag 25	1.014	(1.001,1.028)	0.03	1.018	(1.000,1.036)	0.05	1.010	(0.991,1.029)	0.30
Lag 26	1.016	(1.003,1.029)	0.02	1.015	(0.997,1.034)	0.10	1.017	(0.998,1.037)	0.08
Lag 27	1.012	(0.999,1.025)	0.08	1.011	(0.993,1.029)	0.24	1.013	(0.994,1.032)	0.18
Lag 28	1.013	(1.000,1.026)	0.06	1.017	(0.999,1.036)	0.06	1.008	(0.989,1.027)	0.42
Lag 29	0.999	(0.987,1.012)	0.93	0.997	(0.979,1.015)	0.74	1.002	(0.984,1.021)	0.82
Lag 30	0.996	(0.983,1.009)	0.57	0.997	(0.979,1.015)	0.73	0.996	(0.977,1.014)	0.64

Table S3. RR, 95%CI and p.value (P) for respiratory mortality.

Ozone	Total population			Women			Men		
	RR	95%CI	P	RR	95%CI	P	RR	95%CI	P
Lag 1	1.043	(1.021,1.065)	0.00	1.027	(0.995,1.060)	0.09	1.055	(1.027,1.085)	0.00
Lag 2	1.038	(1.017,1.060)	0.00	1.021	(0.990,1.054)	0.19	1.051	(1.023,1.081)	0.00
Lag 3	1.016	(0.995,1.038)	0.14	1.001	(0.970,1.034)	0.93	1.028	(0.999,1.057)	0.06
Lag 4	1.012	(0.991,1.033)	0.28	1.004	(0.973,1.037)	0.78	1.018	(0.989,1.047)	0.22
Lag 5	0.994	(0.973,1.015)	0.56	0.987	(0.956,1.018)	0.41	1.000	(0.972,1.028)	0.98
Lag 6	1.005	(0.984,1.026)	0.65	0.990	(0.959,1.022)	0.53	1.017	(0.989,1.046)	0.23
Lag 7	1.011	(0.990,1.032)	0.30	1.000	(0.969,1.032)	1.00	1.020	(0.992,1.049)	0.16
Lag 8	1.020	(0.999,1.042)	0.06	1.000	(0.969,1.032)	0.99	1.037	(1.008,1.066)	0.01
Lag 9	1.000	(0.979,1.021)	0.99	0.989	(0.958,1.020)	0.49	1.009	(0.981,1.037)	0.53
Lag 10	0.993	(0.972,1.014)	0.50	0.994	(0.963,1.025)	0.69	0.993	(0.965,1.021)	0.60
Lag 11	0.984	(0.964,1.005)	0.13	0.983	(0.953,1.014)	0.29	0.985	(0.958,1.013)	0.28
Lag 12	0.989	(0.969,1.010)	0.32	0.985	(0.954,1.016)	0.34	0.993	(0.966,1.021)	0.63
Lag 13	0.981	(0.961,1.002)	0.07	0.967	(0.937,0.998)	0.04	0.993	(0.965,1.021)	0.61
Lag 14	0.984	(0.963,1.004)	0.12	0.953	(0.924,0.983)	0.00	1.008	(0.981,1.037)	0.56
Lag 15	0.989	(0.969,1.010)	0.31	0.958	(0.929,0.989)	0.01	1.015	(0.987,1.043)	0.30
Lag 16	0.995	(0.974,1.016)	0.62	0.990	(0.960,1.021)	0.53	0.999	(0.971,1.027)	0.93
Lag 17	0.998	(0.977,1.019)	0.82	0.989	(0.959,1.020)	0.49	1.005	(0.977,1.033)	0.75
Lag 18	1.003	(0.982,1.024)	0.81	1.000	(0.970,1.032)	0.98	1.005	(0.977,1.033)	0.75
Lag 19	1.007	(0.986,1.028)	0.52	1.010	(0.979,1.042)	0.53	1.004	(0.977,1.033)	0.76
Lag 20	1.004	(0.983,1.025)	0.70	1.006	(0.974,1.038)	0.73	1.003	(0.975,1.032)	0.83
Lag 21	0.997	(0.976,1.018)	0.77	1.002	(0.971,1.034)	0.88	0.993	(0.965,1.021)	0.60
Lag 22	0.988	(0.967,1.009)	0.25	0.984	(0.953,1.015)	0.30	0.991	(0.964,1.019)	0.53
Lag 23	0.993	(0.972,1.014)	0.49	0.981	(0.951,1.012)	0.23	1.002	(0.975,1.030)	0.87
Lag 24	0.999	(0.978,1.019)	0.90	0.981	(0.951,1.012)	0.23	1.013	(0.985,1.041)	0.37
Lag 25	1.010	(0.989,1.031)	0.35	1.002	(0.972,1.034)	0.87	1.016	(0.988,1.044)	0.26
Lag 26	1.021	(1.001,1.042)	0.04	1.026	(0.995,1.058)	0.10	1.018	(0.990,1.046)	0.21
Lag 27	1.021	(1.001,1.043)	0.04	1.020	(0.989,1.052)	0.20	1.023	(0.995,1.051)	0.11
Lag 28	1.010	(0.989,1.031)	0.35	0.999	(0.969,1.030)	0.95	1.019	(0.991,1.047)	0.19
Lag 29	0.997	(0.977,1.017)	0.75	0.992	(0.962,1.023)	0.60	1.001	(0.974,1.028)	0.96
Lag 30	0.997	(0.977,1.017)	0.77	0.995	(0.965,1.026)	0.73	0.999	(0.972,1.027)	0.95