

Supplementary File S3 – Results Table of included studies

Pollutant	Study	Lag Exposure	Crude Odds Ratio	Adjusted Odds Ratio
Particulate Matter 2.5	Karr (Karr et al. 2009a)	1 month Exposure	0.93 (0.89–0.97)	0.96 (0.92-1.01)
		Lifetime	0.90 (0.84–0.97)	0.97 (0.90-1.04)
	Karr (Karr et al. 2009b)	7 days	Not stated	1.12 (0.94-1.33)
		30 day	Not stated	1.15 (0.90-1.47)
		Lifetime	Not stated	1.14 (0.88-1.46)
	Karr (Karr et al. 2006)	1-2 days	Not stated	0.96 (0.94-0.99)
		3-5 days	Not stated	0.98 (0.96-1.00)
	Karr (Karr et al. 2004)	1-2 days	0.98 (0.95-1.00)	Not stated
		3-5 days	0.98 (0.96-1.00)	Not stated
	Girguis (Girguis et al. 2017)	Lifetime	1.05 (1.02, 1.07)*	1.09 (1.05-1.13)*
Karr (Karr et al. 2007)	Sub-chronic (30 days)	Not stated	1.09 (1.04-1.14)*	
	Chronic (Lifetime)	Not stated	1.09 (1.04-1.14)*	
Particulate Matter 10	Karr (Karr et al. 2009a)	1 month Exposure	0.97 (0.94–10.01)	1.00 (0.96-1.03)
		Lifetime	0.99 (0.94–1.04)	1.03 (0.98-1.08)
	Rahman (Abdul Rahman et al. 2017)	Lifetime	1.12 (1.09-1.14)*	Not stated
	Segala (Segala et al. 2008)	0-1 day	Not stated	1.01 (0.99-1.03)
		0-4 day	Not stated	1.06 (1.03-1.10)*
Nitrogen Dioxide	Karr (Karr et al. 2009a)	1 month Exposure	1.06 (1.03–1.09)*	1.11 (1.08-1.14)*
		Lifetime	1.06 (1.02–1.09)*	1.12 (1.09-1.16)*
	Karr (Karr et al. 2009b)	Lifetime	Not stated	1.00 (0.96-1.04)
	Karr (Karr et al. 2006)	1 day	Not stated	0.97 (0.95-0.99)
		4 days	Not stated	0.96 (0.94-0.99)
	Karr (Karr et al. 2004)	1 day	Not available	Not available (stated as not statistically significant association)
		4 day	Not available	Not available (stated as not statistically significant association)
	Rahman (Abdul Rahman et al. 2017)	Lifetime	1.01 (0.98-1.03)	Not stated

	Karr (Karr et al. 2007)	Sub-chronic (30 day)	Not stated	1.04 (1.00-1.08)
		Chronic (Lifetime)	Not stated	1.03 (0.99-1.07)
	Segala (Segala et al. 2008)	0-1 day	Not stated	1.01 (0.98-1.03)
		0-4 day	Not stated	1.04 (1.02-1.07)*
Sulphur Dioxide	Karr (Karr et al. 2009a)	1 month Exposure	1.00 (0.98–1.02)	1.03 (1.01-1.05)*
		Lifetime	1.00 (0.98–1.02)	1.04 (1.01-1.06)*
	Segala (Segala et al. 2008)	0-1 day	Not stated	1.10 (1.06-1.15)*
		0-4 day	Not stated	1.12 (1.07-1.16)*
Carbon Monoxide	Karr (Karr et al. 2009a)	1 month Exposure	1.03 (1.00–1.06)	1.11 (1.08-1.15)*
		Lifetime	1.03 (0.99–1.07)	1.13 (1.09-1.18)*
	Karr (Karr et al. 2006)	1 day	Not stated	0.99 (0.96-1.02)
		4 day	Not stated	0.97 (0.94-1.00)
	Karr (Karr et al. 2004)	1 day	Not available	Not available (stated as not statistically significant association)
		4 day	Not available	Not available (stated as not statistically significant association)
	Rahman (Abdul Rahman et al. 2017)	Lifetime	0.89 (0.24-3.23)	Not stated
	Karr (Karr et al. 2007)	Sub-chronic (30 day)	Not stated	1.00 (0.97-1.03)
		Chronic (Lifetime)	Not stated	1.00 (0.97-1.03)
	Ozone	Karr (Karr et al. 2009a)	1 month Exposure	0.97 (0.94–1.01)
Lifetime			0.98 (0.94–1.02)	0.89 (0.85-0.93)
Rahman (Abdul Rahman et al. 2017)		Lifetime	0.99 (0.98-1.00)	Not stated
Karr (Karr et al. 2007)		Sub-chronic (30 day)	Not stated	0.92 (0.88-0.97)
		Chronic (Lifetime)	No	0.92 (0.88-0.97)

*statistically significant

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