

Supplemental Table S3. Sensitivity analyses to explain heterogeneity

Pooled effects of NO₂ (10ug/m³) on total and CV mortality.										
	Total or natural mortality					Cardio-vascular mortality				
	N studies	RR	95% CIs	I ²		N studies	RR	95% CIs	I ²	
NO₂ (10µg/m³)										
All countries	12	1.04	1.02	1.06	89%	18	1.13	1.09	1.18	98%
excluding at-risk groups	9	1.02	1.01	1.02	87%	16	1.13	1.09	1.19	98%
Europe	6	1.07	1.03	1.10	72%	9	1.06	1.03	1.09	79%
excluding at-risk groups	5	1.03	1.02	1.04	50%	8	1.06	1.03	1.09	77%
America	5	1.03	0.99	1.07	95%	7	1.03	1.00	1.07	67%
excluding at-risk groups	3	1.00	0.99	1.01	94%	6	1.03	1.00	1.05	55%

Pooled effects of NO₂ (10ug/m³) on total and CV mortality.										
	Total or natural mortality					Cardio-vascular mortality				
	N studies	RR	95% CIs	I ²		N studies	RR	95% CIs	I ²	
NO₂ (10µg/m³)										
All countries	12	1.04	1.02	1.06	89%	18	1.13	1.09	1.18	98%
people aged 15+ years	7	1.03	1.00	1.05	93%	10	1.15	1.08	1.22	99%
people aged 45+ years	5	1.11	1.03	1.19	73%	8	1.08	1.04	1.12	77%
Europe	6	1.07	1.03	1.10	72%	9	1.06	1.03	1.09	79%
people aged 15+ years	2					3				
people aged 45+ years	4	1.10	1.02	1.18	75%	6	1.08	1.03	1.14	80%
America	5	1.03	0.99	1.07	95%	7	1.03	1.00	1.07	67%
people aged 15+ years	4	1.02	0.98	1.06	96%	5	1.02	0.99	1.04	33%
people aged 45+ years	1					2				

Pooled effects of NO₂ (10ug/m³) on total and CV mortality.										
	Total or natural mortality					Cardio-vascular mortality				
	N studies	RR	95% CIs	I ²		N studies	RR	95% CIs	I ²	
NO₂ (10µg/m³)										
All countries	12	1.04	1.02	1.06	89%	18	1.13	1.09	1.18	98%
after excluding										
less accurate expo assess	6	1.04	1.01	1.06	79%	9	1.04	1.02	1.04	56%
and at-risk groups	4	1.03	1.02	1.04	75%	7	1.03	1.02	1.04	0%

Pooled effects of PM_{2.5} (10ug/m³) on total and CV mortality.										
	Total or natural mortality					Cardio-vascular mortality				
	N studies	RR	95% CIs		I ²	N studies	RR	95% CIs		I ²
PM_{2.5} (10ug/m³)										
All countries	11	1.05	1.01	1.09	87%	17	1.196	1.091	1.31	98%
after excluding										
less accurate expo assess	5	1.04	1.00	1.08	69%	8	1.06	1.04	1.07	83%
and at-risk groups	4	1.04	1.01	1.07	63%	7	1.08	1.03	1.13	75%