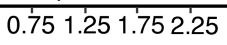
A

Risk group	No. of Events/ Total No.	Incidence/ 100,000 person-yr	Hazard Ratio (95% CI)*	*P* Value	RERI[II] (95% CI)	AP[II] (95% CI)
Low Genetic Risk‡						
Low $PM_{2.5}$ pollution§	38/4955	66.62	Reference		Reference	Reference
High $PM_{2.5}$ pollution	103/9921	86.91	1.10 (0.75-1.61)	0.621		
Intermediate Genetic Risk					0.22 (-0.19-0.61)	0.15 (-0.14-0.49)
Low $PM_{2.5}$ pollution	67/7046	82.20	1.14 (0.76-1.70)	0.501		
High $PM_{2.5}$ pollution	175/12789	114.51	1.46 (1.02-2.09)	0.036		
High Genetic Risk					0.64 (0.21-1.22)	0.32 (0.11-0.60)
Low $PM_{2.5}$ pollution	65/5970	93.86	1.26 (0.84-1.89)	0.248		
High $PM_{2.5}$ pollution	161/8906	152.00	2.01 (1.39-2.87)	0.000		



B

Risk group	No. of Events/ Total No.	Incidence/ 100,000 person-yr	Hazard Ratio (95% CI)†	*P* Value	RERI (95% CI)	AP (95% CI)
Low Genetic Risk						
Low $PM_{2.5}$ pollution	19/4955	33.27	Reference		Reference	Reference
High $PM_{2.5}$ pollution	51/9921	42.96	1.23 (0.72-2.11)	0.447		
Intermediate Genetic Risk					0.42 (-0.31-1.05)	0.23 (-0.15-0.61)
Low $PM_{2.5}$ pollution	33/7046	40.41	1.15 (0.65-2.02)	0.629		
High $PM_{2.5}$ pollution	95/12789	62.03	1.80 (1.09-2.98)	0.022		
High Genetic Risk					0.55 (-0.12-1.48)	0.24 (-0.05-0.60)
Low $PM_{2.5}$ pollution	37/5970	53.34	1.52 (0.87-2.65)	0.141		
High $PM_{2.5}$ pollution	82/8906	77.17	2.30 (1.38-3.82)	0.001		

