

City-characteristics (units)	p25	At p25 of characteristic		p75	At p75 of characteristic		p ^b
		%RR ^a	(95% CI)		%RR ^a	(95% CI)	
Heat expoure							
p99th-p90th of maximum temperature (°C)	4.0	14.0	(12.0 ,16.0)	4.8	16.4	(14.2 ,18.7)	0.011
Geographic							
Latitude	38.6	15.7	(13.1 ,18.4)	42.2	14.0	(11.3 ,16.8)	0.318
Longitude	-5.4	16.7	(14.1 ,19.4)	-1.2	13.5	(11.2 ,15.9)	0.039
Socio-demographic							
Population (x100,000 hab.) ^c	0.7	14.2	(11.3 ,17.2)	6.7	15.1	(13.0 ,17.3)	0.480
% Pop. >65 years ^c	0.1	14.7	(12.0 ,17.5)	0.2	15.1	(12.5 ,17.8)	0.820
Per capita income (x1,000 €) ^d	8.6	15.9	(13.2 ,18.7)	11.3	14.1	(11.6 ,16.7)	0.273
Climate							
Whole year							
Mean temperature (°C)	13.1	14.9	(12.1 ,17.8)	17.2	15.0	(12.4 ,17.6)	0.967
Relative humidity (%)	61.3	15.7	(12.9 ,18.6)	70.6	14.4	(11.9 ,16.9)	0.414
Summer (Jun. To Sep.)							
Mean temperature (°C)	19.6	14.5	(11.7 ,17.4)	24.6	15.3	(12.6 ,18.1)	0.679
Relative humidity (%)	48.9	16.5	(13.6 ,19.4)	66.5	13.9	(11.6 ,16.3)	0.158

^a Percentage of relative risk of mortality comparing the p99 vs. p90 of max. temp.

^b p for comparison of change in mortality at p75 vs. p25

^c Source: Demographic Information System, Municipal Register 1999, National Statistics Institute

^d Source: Spanish Regional Accounts, Base 2000, National Statistics Institute