

Table S5 The cumulative effects of cold spells under the optimal definition using different degrees of freedom for air quality index in the DLM model

df for AQI	Group	CRR (95% CI)			
		Lag0	Lag0-7	Lag0-14	Lag0-21
3 ^a	Total	1.042 (1.013-1.072)*	1.249 (1.136-1.374)*	1.343 (1.206-1.496)*	1.394 (1.193-1.630)*
	Male	1.042 (1.011-1.074)*	1.243 (1.123-1.375)*	1.316 (1.173-1.477)*	1.342 (1.136-1.586)*
	Female	1.041 (1.005-1.077)*	1.257 (1.119-1.411)*	1.383 (1.215-1.574)*	1.476 (1.211-1.783)*
	Age<65	1.017 (0.972-1.064)	1.120 (0.963-1.303)	1.159 (0.977-1.376)	1.107 (0.862-1.422)
	Age≥65	1.046 (1.017-1.077)*	1.275 (1.158-1.404)*	1.382 (1.240-1.540)*	1.456 (1.244-1.705)*
	Total	1.042 (1.013-1.072)*	1.249 (1.135-1.374)*	1.342 (1.205-1.495)*	1.393 (1.192-1.629)*
4	Male	1.042 (1.012-1.074)*	1.242 (1.123-1.375)*	1.315 (1.171-1.476)*	1.342 (1.135-1.586)*
	Female	1.041 (1.005-1.077)*	1.257 (1.119-1.412)*	1.382 (1.214-1.573)*	1.475 (1.221-1.783)*
	Age<65	1.018 (0.973-1.065)	1.120 (0.963-1.303)	1.157 (0.974-1.373)	1.106 (0.861-1.421)
	Age≥65	1.046 (1.017-1.077)*	1.275 (1.158-1.404)*	1.381 (1.239-1.539)*	1.456 (1.243-1.704)*
	Total	1.042 (1.013-1.071)*	1.249 (1.136-1.373)*	1.347 (1.210-1.500)*	1.405 (1.202-1.643)*
	Male	1.042 (1.011-1.074)*	1.242 (1.123-1.373)*	1.320 (1.177-1.480)*	1.355 (1.148-1.601)*
5	Female	1.041 (1.005-1.077)*	1.257 (1.119-1.412)*	1.385 (1.216-1.577)*	1.482 (1.226-1.792)*
	Age<65	1.018 (0.973-1.065)	1.120 (0.963-1.303)	1.161 (0.978-1.378)	1.116 (0.869-1.433)
	Age≥65	1.046 (1.017-1.076)*	1.275 (1.159-1.403)*	1.386 (1.243-1.545)*	1.468 (1.254-1.718)*
	Total	1.042 (1.013-1.071)*	1.249 (1.136-1.373)*	1.347 (1.210-1.500)*	1.405 (1.202-1.643)*
	Male	1.042 (1.011-1.074)*	1.242 (1.123-1.373)*	1.320 (1.177-1.480)*	1.355 (1.148-1.601)*
	Female	1.041 (1.005-1.077)*	1.257 (1.119-1.412)*	1.385 (1.216-1.577)*	1.482 (1.226-1.792)*

AQI, air quality index; CI, confidence interval; df, degree of freedom; RR, relative risk.

* $P < 0.05$.

^aUsed in the study.