

Table S2. Estimated effects of ambient temperature and covariates on systolic blood pressure from generalized estimating equation models, Bogor City Cohort, 2011–2018

Variable	B	SE	95% CI	Wald χ^2	p
Intercept	107.129	18.122	71.611 to 142.648	34.947	<0.001
Visit 1 (reference)	0a				
Visit 2	-157.573	57.572	-270.411 to -44.735	7.491	0.006
Visit 3	62.928	24.052	15.787 to 110.069	6.845	0.009
Visit 4	137.480	124.156	-105.861 to 380.822	1.226	0.268
Visit 5	127.377	54.715	20.138 to 234.616	5.420	0.020
Visit 6	13.045	27.624	-41.097 to 67.187	0.223	0.637
Visit 7	33.048	19.478	-5.127 to 71.223	2.879	0.090
Visit 8	-10.613	19.151	-48.148 to 26.922	0.307	0.579
Visit 9	4.318	18.918	-32.761 to 41.398	0.052	0.819
Visit 10	0.873	19.418	-37.185 to 38.932	0.002	0.964
Visit 11	-7.627	39.758	-85.551 to 70.297	0.037	0.848
Visit 12	12.098	22.902	-32.789 to 56.985	0.279	0.597
Visit 13	9.084	22.678	-35.364 to 53.533	0.160	0.689
Visit 14	57.031	19.891	18.046 to 96.017	8.221	0.004
Visit 15	88.057	23.821	41.370 to 134.745	13.666	<0.001
Visit 16	58.536	30.219	-0.693 to 117.764	3.752	0.053
Visit 17	90.103	27.238	36.717 to 143.488	10.943	0.001
Visit 18	122.788	39.199	45.960 to 199.615	9.812	0.002
Visit 19	48.978	44.222	-37.695 to 135.650	1.227	0.268
Temperature	0.754	0.694	-0.605 to 2.113	1.182	0.277
Economic status (high)	3.466	1.543	0.442 to 6.490	5.045	0.025
Education level (high)	-2.539	0.922	-4.345 to -0.733	7.590	0.006
Temperature×time interactions					
Visit 1×temperature	0a				
Visit 2×temperature	5.806	2.188	1.518 to 10.094	7.043	0.008
Visit 3×temperature	-2.647	0.923	-4.456 to -0.837	8.214	0.004
Visit 4×temperature	-5.478	4.733	-14.755 to 3.799	1.339	0.247
Visit 5×temperature	-5.052	2.081	-9.131 to -0.972	5.891	0.015
Visit 6×temperature	-0.696	1.065	-2.784 to 1.392	0.427	0.514
Visit 7×temperature	-1.258	0.741	-2.711 to 0.194	2.883	0.090
Visit 8×temperature	0.195	0.729	-1.235 to 1.624	0.071	0.790
Visit 9×temperature	-0.323	0.721	-1.736 to 1.091	0.200	0.655
Visit 10×temperature	-0.166	0.737	-1.611 to 1.279	0.051	0.822
Visit 11×temperature	0.174	1.459	-2.686 to 3.034	0.014	0.905
Visit 12×temperature	-0.553	0.855	-2.227 to 1.122	0.418	0.518
Visit 13×temperature	-0.418	0.848	-2.080 to 1.244	0.243	0.622
Visit 14×temperature	-2.156	0.759	-3.643 to -0.669	8.077	0.004
Visit 15×temperature	-3.277	0.899	-5.039 to -1.515	13.281	<0.001
Visit 16×temperature	-2.180	1.138	-4.411 to 0.051	3.669	0.055
Visit 17×temperature	-3.419	1.046	-5.468 to -1.369	10.687	0.001
Visit 18×temperature	-4.615	1.473	-7.503 to -1.727	9.809	0.002
Visit 19×temperature	-1.766	1.668	-5.035 to 1.503	1.122	0.290

The table shows B, SEs, Wald chi-square statistics, and *p*-values for the association between ambient temperature and systolic blood pressure across 19 follow-up visits. The model was adjusted for age, sex, education, and socioeconomic status. Time was coded as visit sequence, and interaction terms represent the time-varying effects of temperature.

B, coefficients; SE, standard error; CI, confidence interval.