

Table S3. Estimated effects of ambient temperature and covariates on diastolic blood pressure from generalized estimating equation models, Bogor City Cohort, 2011–2018

Variable	B	SE	95% CI	Wald χ^2	p
Intercept	73.722	11.278	51.617 to 95.826	42.729	<0.001
Visit 1 (reference)	0a				
Visit 2	-49.865	31.809	-112.209 to 12.479	2.458	0.117
Visit 3	41.674	14.461	13.331 to 70.018	8.305	0.004
Visit 4	217.306	57.847	103.929 to 330.683	14.112	<0.001
Visit 5	112.249	33.829	45.945 to 178.553	11.010	0.001
Visit 6	-5.768	17.133	-39.349 to 27.812	0.113	0.736
Visit 7	8.066	11.974	-15.403 to 31.536	0.454	0.501
Visit 8	-13.022	11.654	-35.863 to 9.818	1.249	0.264
Visit 9	-6.219	11.612	-28.978 to 16.540	0.287	0.592
Visit 10	1.335	11.916	-22.019 to 24.689	0.013	0.911
Visit 11	-44.355	23.789	-90.981 to 2.270	3.476	0.062
Visit 12	-29.242	14.346	-57.361 to -1.124	4.155	0.042
Visit 13	3.436	13.903	-23.814 to 30.685	0.061	0.805
Visit 14	60.147	12.721	35.215 to 85.079	22.356	<0.001
Visit 15	80.955	15.029	51.499 to 110.412	29.016	<0.001
Visit 16	106.547	18.868	69.567 to 143.528	31.889	<0.001
Visit 17	53.605	16.696	20.880 to 86.330	10.308	0.001
Visit 18	94.507	23.423	48.600 to 140.414	16.280	<0.001
Visit 19	48.530	26.203	-2.826 to 99.887	3.430	0.064
Temperature	0.104	0.431	-0.740 to 0.949	0.059	0.809
Elderly (≥ 60 y)	3.533	0.712	2.138 to 4.928	24.638	<0.001
Pre-elderly (45–59 y)	3.659	0.531	2.619 to 4.700	47.487	<0.001
Sex (female)	1.204	0.561	0.105 to 2.303	4.609	0.032
Temperature $\times$ time interactions					
Visit 1 $\times$ temperature	0a				
Visit 2 $\times$ temperature	1.845	1.209	-0.523 to 4.214	2.331	0.127
Visit 3 $\times$ temperature	-1.651	0.555	-2.739 to -0.562	8.834	0.003
Visit 4 $\times$ temperature	-8.330	2.206	-12.653 to -4.007	14.263	<0.001
Visit 5 $\times$ temperature	-4.298	1.287	-6.820 to -1.775	11.152	0.001
Visit 6 $\times$ temperature	0.210	0.661	-1.085 to 1.505	0.101	0.750
Visit 7 $\times$ temperature	-0.261	0.456	-1.155 to 0.633	0.327	0.567
Visit 8 $\times$ temperature	0.483	0.444	-0.388 to 1.353	1.180	0.277
Visit 9 $\times$ temperature	0.237	0.443	-0.631 to 1.105	0.286	0.593
Visit 10 $\times$ temperature	-0.005	0.453	-0.892 to 0.882	0.000	0.991
Visit 11 $\times$ temperature	1.625	0.874	-0.088 to 3.338	3.458	0.063
Visit 12 $\times$ temperature	1.058	0.536	0.008 to 2.108	3.897	0.048
Visit 13 $\times$ temperature	-0.110	0.522	-1.132 to 0.912	0.044	0.833
Visit 14 $\times$ temperature	-2.171	0.485	-3.121 to -1.220	20.030	<0.001
Visit 15 $\times$ temperature	-2.905	0.567	-4.017 to -1.793	26.217	<0.001
Visit 16 $\times$ temperature	-3.829	0.711	-5.223 to -2.436	29.027	<0.001
Visit 17 $\times$ temperature	-1.897	0.641	-3.154 to -0.641	8.755	0.003
Visit 18 $\times$ temperature	-3.415	0.880	-5.139 to -1.690	15.061	<0.001
Visit 19 $\times$ temperature	-1.663	0.989	-3.600 to 0.275	2.829	0.093

The table presents B, SEs, Wald chi-square statistics, and *p*-values for the association between ambient temperature and diastolic blood pressure across 19 follow-up visits. The model was adjusted for age, sex, education, and socioeconomic status. Interaction terms describe how the temperature effect on diastolic blood pressure varied across the observation period.

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