Individual- and community-level effect modifiers of the temperature-mortality relationship in 66 Chinese communities

Table s1. Summary statistics for daily mortality and temperature across the 66 Chinese communities.

Community code	Region	Daily deaths	Daily mean temperature (°C)				
			Mean	P25	P50	P75	Max
110101	North	8	13.4	2.5	14.7	24.1	34.5
120106	North	11	13.1	2.1	14.4	23.8	32.1
130227	North	3	11.9	1.3	13.0	22.8	30.6
130721	North	3	9.5	-1.5	10.4	20.7	31.9
140107	North	6	11.3	1.5	12.3	21.1	31.2

140427	North	4	10.0	1.1	11.7	19.2	28.7
150103	North	3	8.1	-2.9	9.4	19.7	32.5
150802	North	6	6.5	-5.5	7.8	18.7	31.4
210204	Northeast	10	11.3	2.7	12.8	20.8	29.4
210682	Northeast	8	9.5	-0.1	10.9	19.8	28.0
210921	Northeast	10	8.3	-3.9	9.8	20.9	29.3
220102	Northeast	6	6.5	-6.3	8.5	19.7	30.4
220211	Northeast	3	5.8	-6.2	7.6	18.7	28.5
230103	Northeast	16	5.6	-8.2	7.6	19.7	30.6
230223	Northeast	6	4.6	-10.3	6.9	19.1	31.5
310103	East	6	17.5	9.7	18.6	25.1	35.7
310117	East	9	17.5	9.7	18.6	25.1	35.7
320111	East	8	16.6	8.3	17.7	24.9	34.5

320506	East	9	16.8	8.7	17.9	25.0	34.8
320582	East	14	16.3	8.2	17.2	24.2	33.9
320831	East	6	15.3	7.0	16.5	23.8	33.1
320921	East	8	14.9	6.6	15.9	23.2	32.8
330103	East	5	17.8	10.1	18.7	25.7	34.8
330483	East	11	17.2	9.5	18.1	24.8	34.5
330523	East	7	17.8	10.1	18.7	25.7	34.8
340803	East	2	17.7	9.5	19.0	25.7	34.1
341823	East	5	8.9	3.1	10.0	16.0	23.3
350521	South	11	21.2	16.1	21.8	26.7	31.9
360102	Central	4	18.7	10.8	20.1	26.5	35.2
360423	Central	4	18.7	10.8	20.1	26.5	35.2
370203	East	9	13.2	5.1	14.3	21.6	29.0

370602	East	8	13.1	4.6	14.4	21.9	30.4
370684	East	8	13.3	4.0	14.5	22.9	31.7
370785	East	13	13.3	3.8	14.5	23.1	33.4
410526	Central	18	13.9	4.4	15.3	23.4	32.8
411328	Central	18	15.8	7.4	17.2	24.2	33.0
411502	Central	7	16.0	8.1	17.1	24.0	33.1
420102	Central	11	17.6	9.3	18.8	25.8	35.3
420625	Central	7	16.2	8.1	17.5	24.2	32.6
430181	Central	19	17.4	9.3	18.6	25.3	32.7
430626	Central	14	17.4	9.3	18.6	25.3	32.7
440104	South	18	22.7	18.3	24.1	27.7	33.5
440282	South	6	20.3	14.2	21.8	26.7	32.2
441284	South	6	22.7	18.2	24.2	27.7	33.1

441424	South	15	21.6	16.8	23.3	27.0	31.8
450126	South	13	21.6	16.6	23.3	27.1	31.3
450521	South	8	22.9	19.0	24.5	27.9	31.9
500101	Southwest	23	18.8	11.3	19.2	25.7	34.9
500225	Southwest	13	18.8	11.3	19.2	25.7	34.9
510105	Southwest	7	16.5	9.7	17.4	23.0	30.1
510182	Southwest	13	16.0	9.2	16.7	22.5	29.9
511025	Southwest	17	17.7	11.0	18.2	24.0	33.9
511325	Southwest	7	17.9	10.6	18.4	24.4	35.4
520302	Southwest	6	15.7	9.0	16.4	22.8	30.8
520328	Southwest	5	15.7	9.0	16.4	22.8	30.8
530402	Southwest	5	16.5	12.5	17.4	20.5	25.6
532627	Southwest	10	17.4	13.1	19.0	22.4	28.5

540102	Southwest	2	9.7	3.9	10.3	15.3	22.6
610202	Northwest	3	10.4	2.2	12.0	18.9	28.2
610326	Northwest	4	13.6	5.1	14.6	21.9	32.0
610921	Northwest	3	16.1	7.9	16.8	23.6	34.2
620702	Northwest	6	8.7	-1.4	10.3	19.2	31.5
630103	Northwest	2	6.1	-2.2	7.5	14.4	25.7
640104	Northwest	4	10.3	0.5	12.1	20.7	30.6
640502	Northwest	4	9.9	0.5	11.6	19.9	29.3
650102	Northwest	4	8.1	-4.5	10.8	20.7	32.8

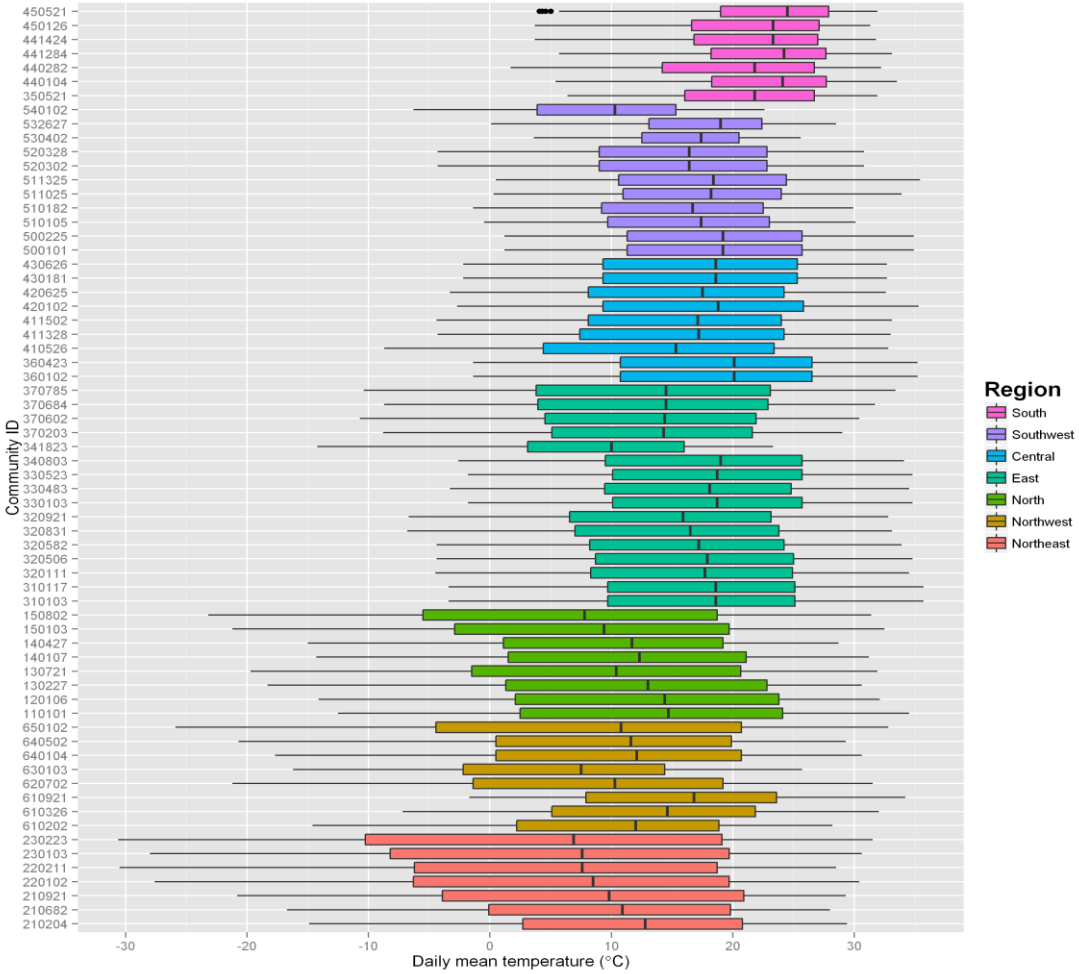

Figure s1. The distribution of daily mean temperature among the 66 Chinese communities.

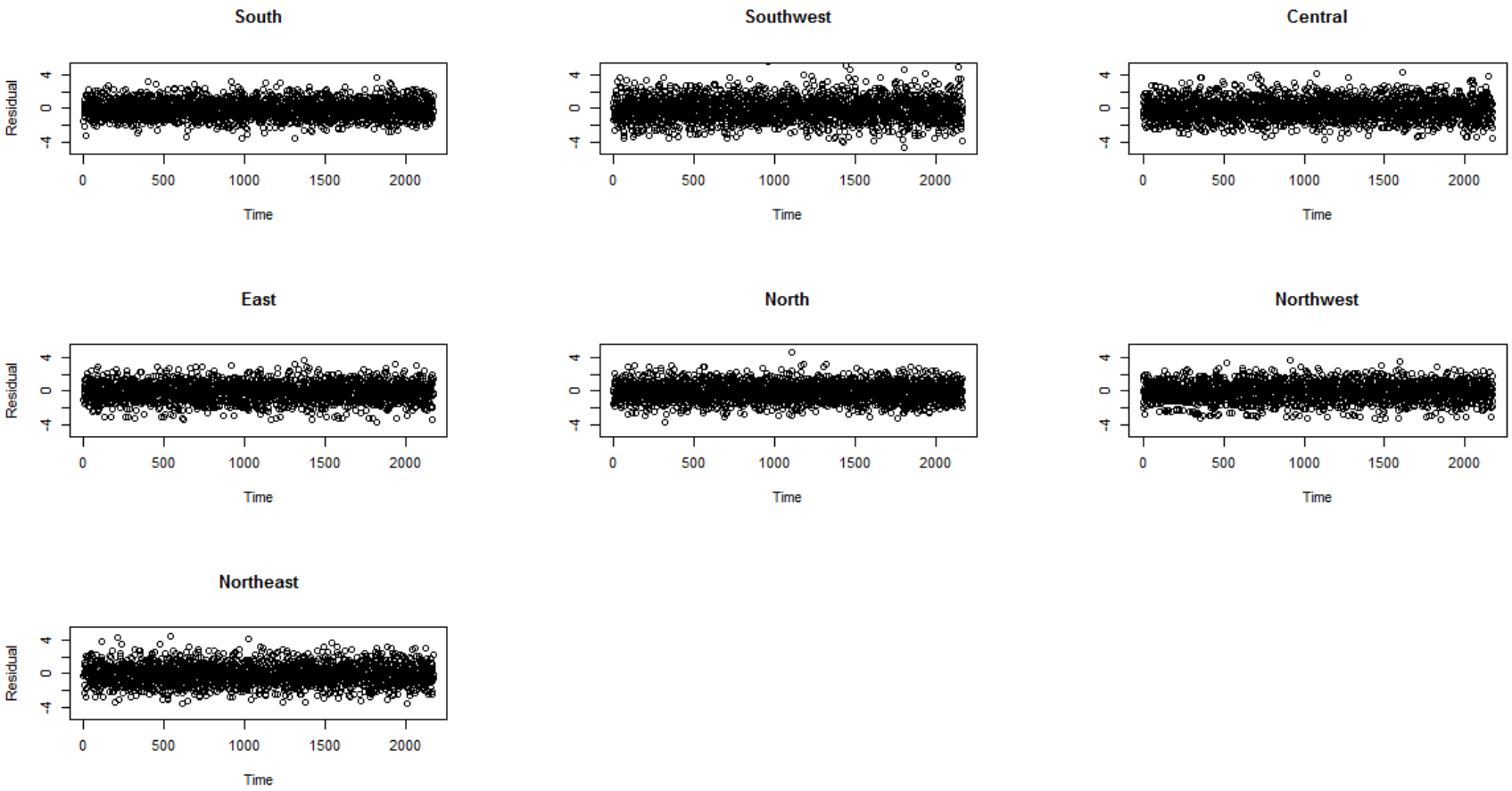

Figure s2. The time series of mortality residuals against time trend for a few community.

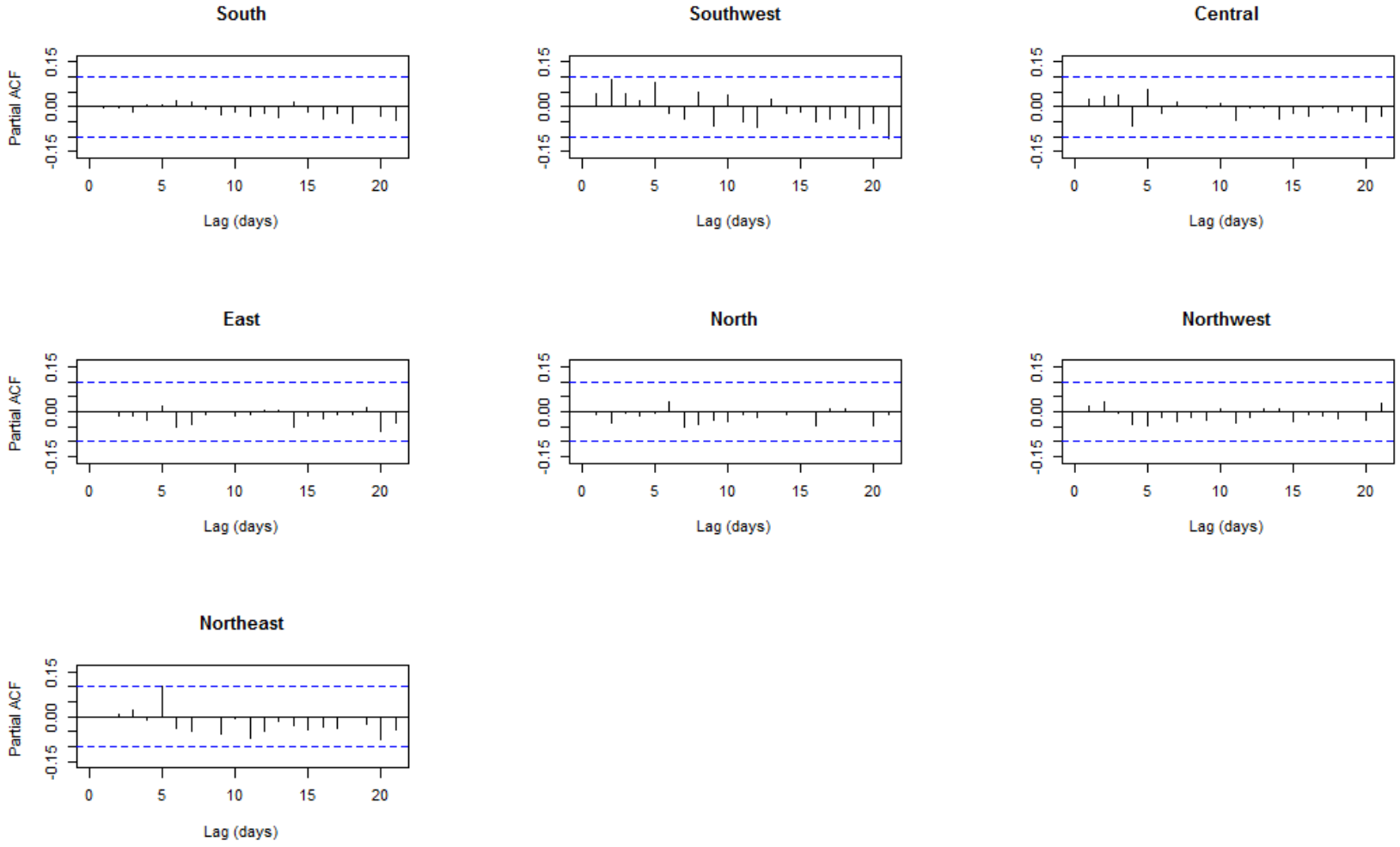

Figure s3. Diagnostic graphs of the model (PACF of the residuals of the model).

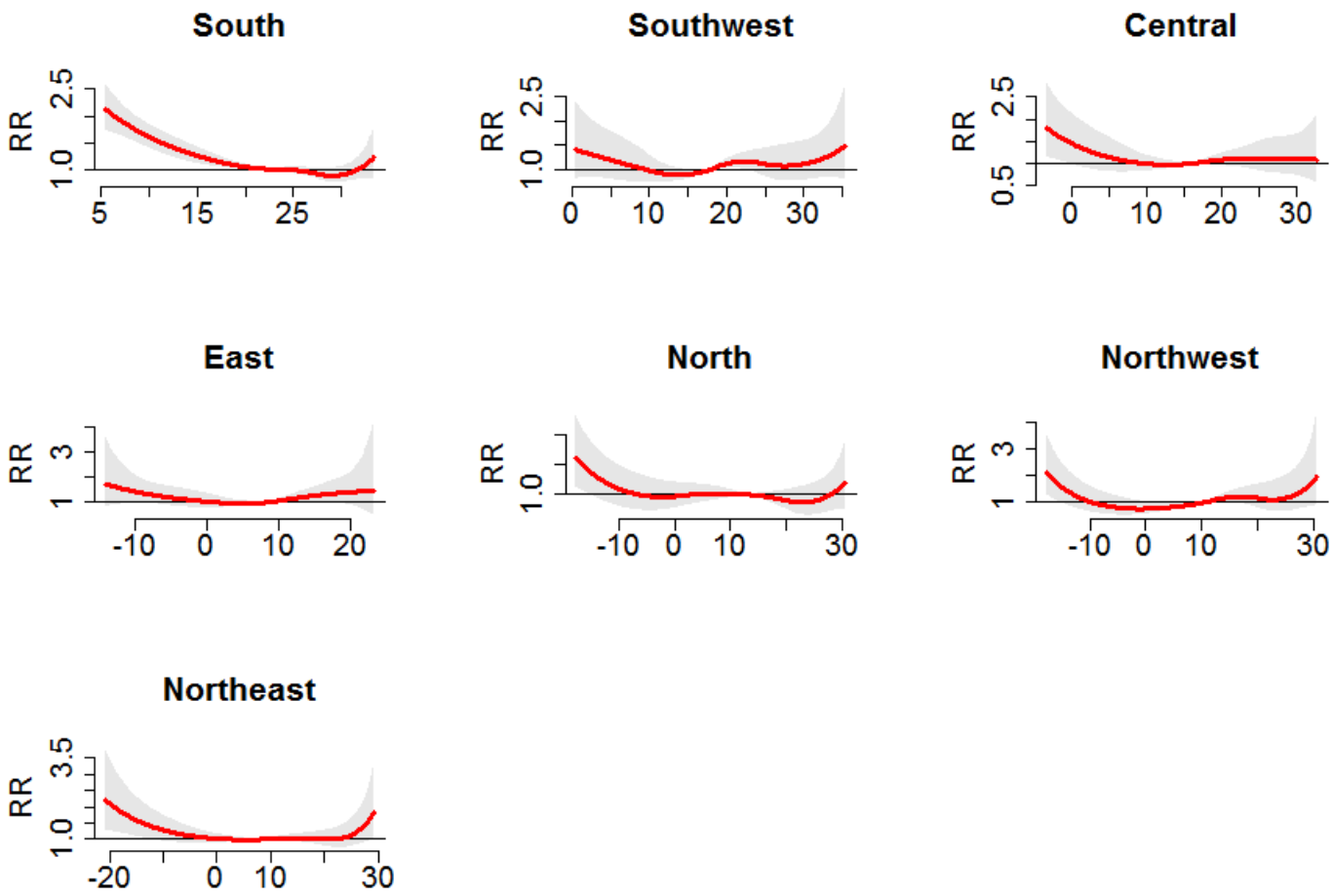

Figure s4. The cumulative effects of daily mean temperature on all-cause mortality over past 21 days for some communities in each region.

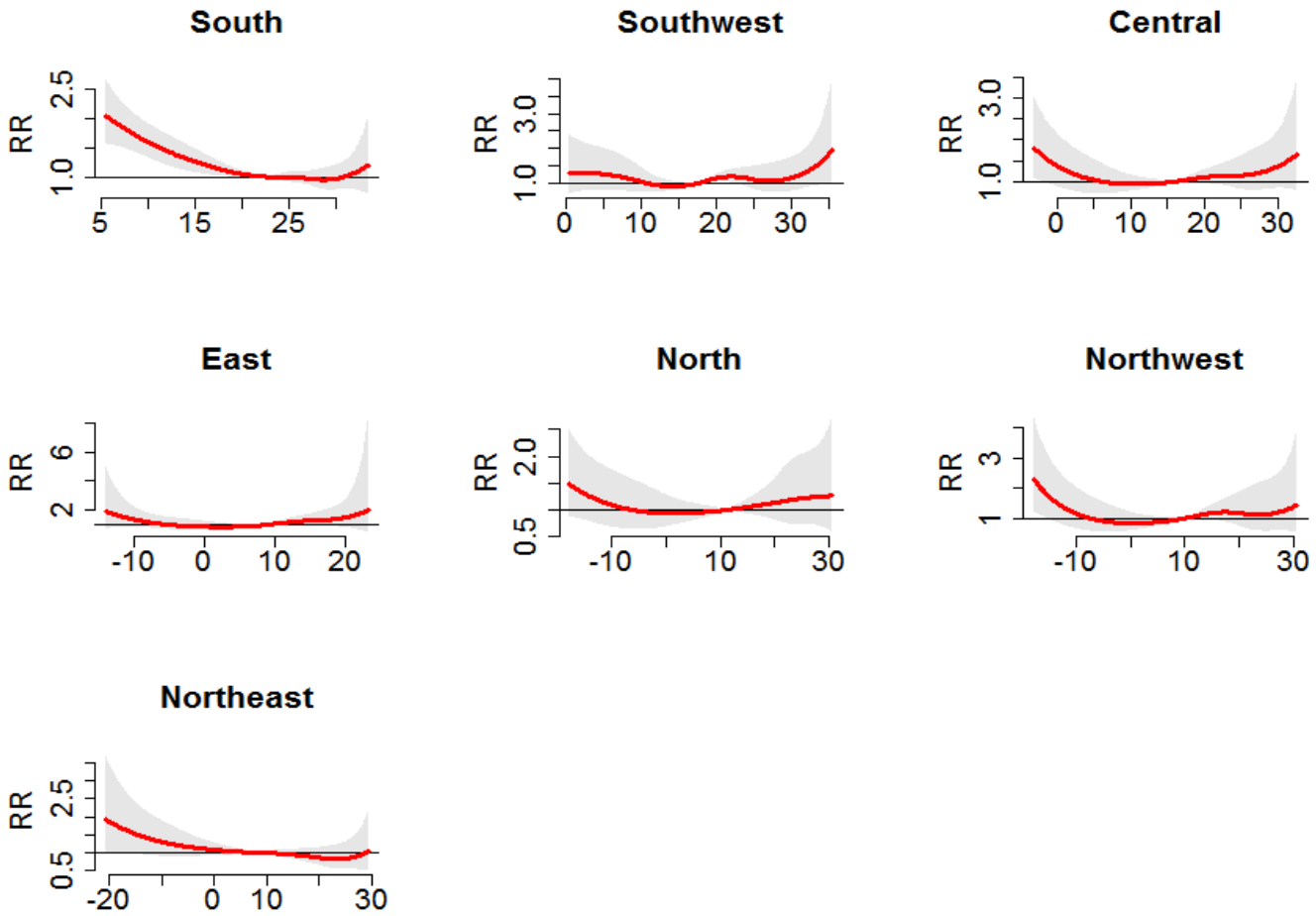

Figure s5. The cumulative effects of daily mean temperature on mortality among males over past 21 days for some communities in each region.

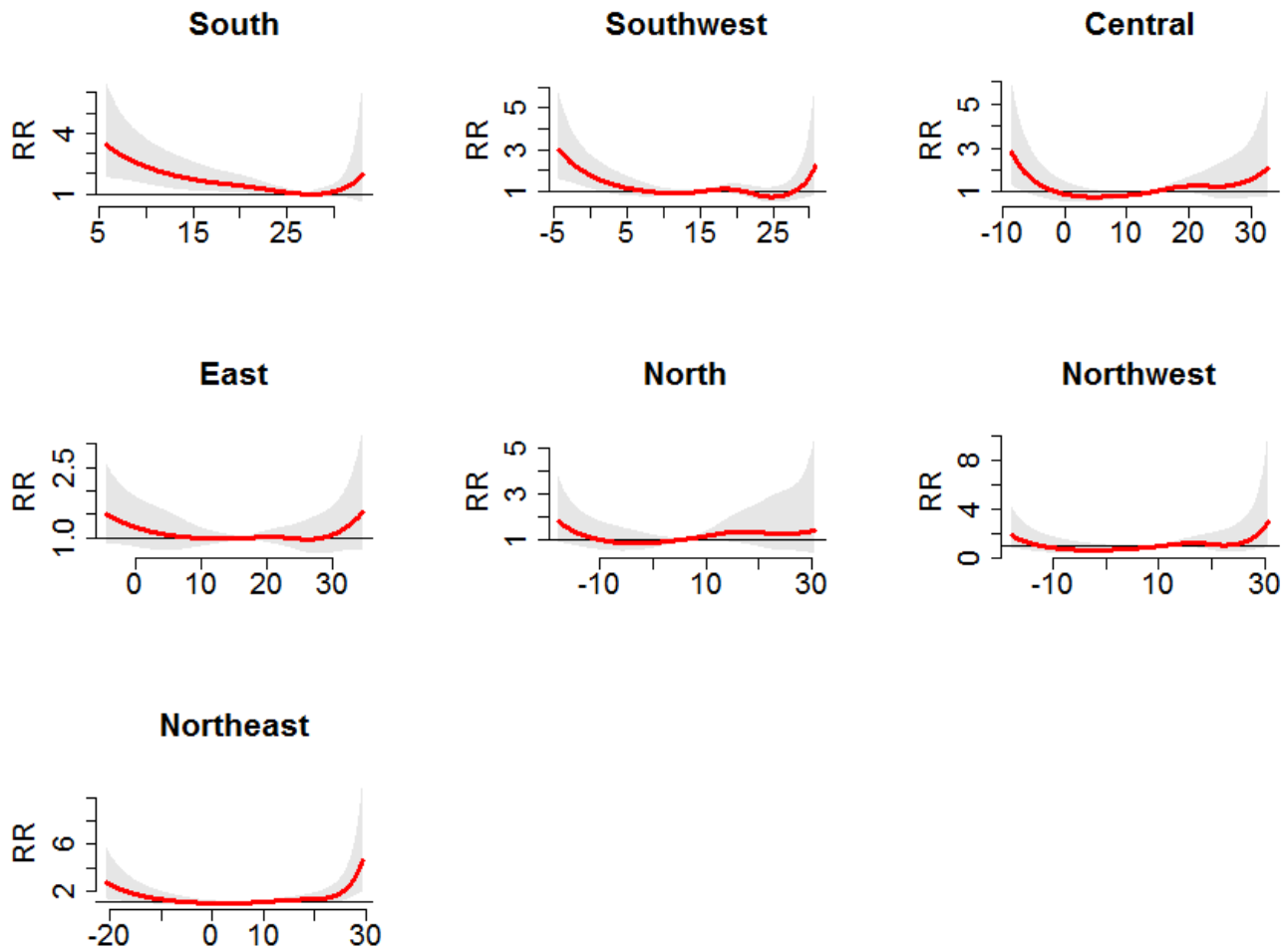

Figure s6. The cumulative effects of daily temperature on mortality among females over past 21 days for some communities in each region.

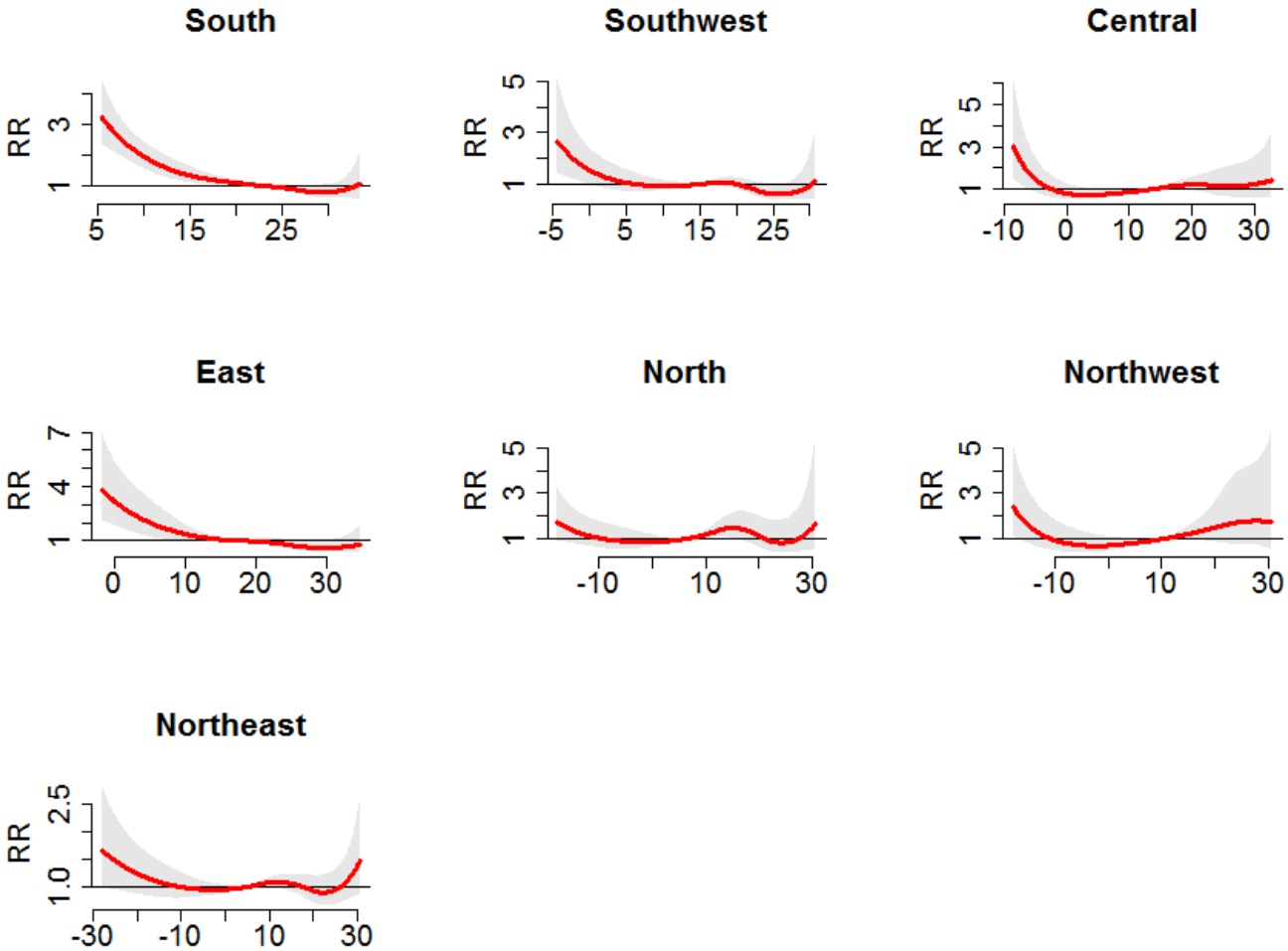

Figure s7. The cumulative effects of daily temperature on cardiovascular mortality over past 21 days for some communities in each region.

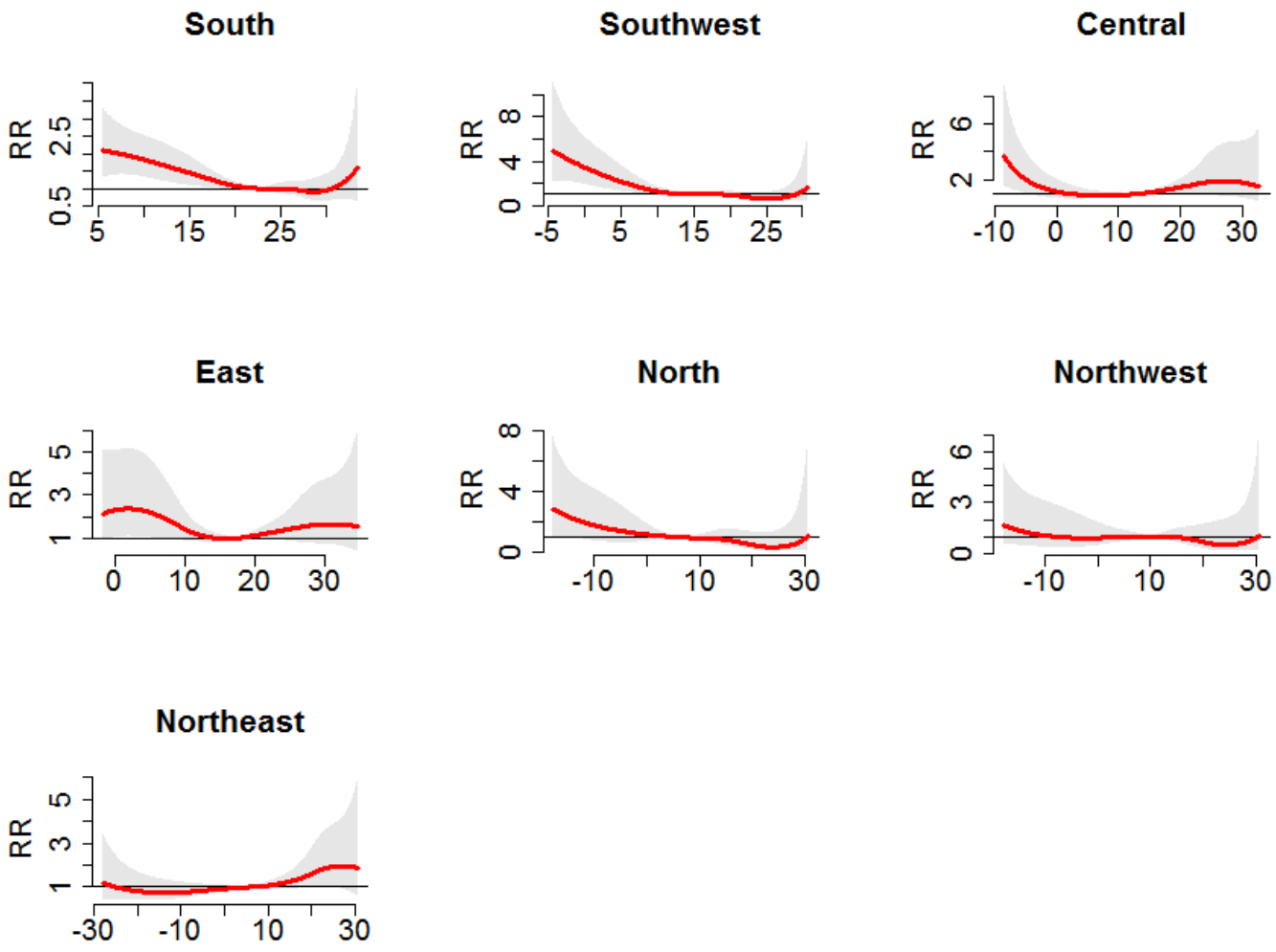

Figure s8. The cumulative effects of daily temperature on respiratory mortality over past 21 days for some communities in each region.