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### **Supplemental Material**

#### **Modeling the Present and Future Incidence of Pediatric Hand, Foot, and Mouth Disease Associated with Ambient Temperature in Mainland China**

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**Figure S4.** Pooled associations between daily mean temperature and HFMD in each province or municipality in the East over a 0–14 day cumulative lag during 2009–2014. Solid lines represent province- or municipality-specific associations; shaded areas indicate 95% confidence interval bands. Grey-dashed lines indicate associations estimated for individual prefectures or CJPs. Natural cubic splines (with three degrees of freedom) were used to model temperature and lag days, respectively.  $I^2$  statistics for each pooled estimate are provided in Table S3. Patterns of associations are irregular for some prefecture- or CJP-specific associations because of small numbers of HFMD cases. Abbreviations: HFMD, hand, foot, and mouth disease; CJP, county under the jurisdiction of province; RR, relative risk.

**Figure S5.** Pooled associations between daily mean temperature and HFMD in each province or municipality in the Northwest and Central regions over a 0–14 day cumulative lag during 2009–2014. Solid lines represent province- or municipality-specific associations; shaded areas indicate 95% confidence interval bands. Grey-dashed lines indicate associations estimated for individual prefectures or CJPs. Natural cubic splines (with three degrees of freedom) were used to model temperature and lag days, respectively.  $I^2$  statistics for each pooled estimate are provided in Table S3. Patterns of associations are irregular for some prefecture- or CJP-specific associations because of small numbers of HFMD cases. Abbreviations: HFMD, hand, foot, and mouth disease; CJP, county under the jurisdiction of province; RR, relative risk.

**Figure S6.** Pooled associations between daily mean temperature and HFMD in each province or municipality in the Southwest, South and Qingzang regions over a 0–14 day cumulative lag during 2009–2014. Solid lines represent province- or municipality-specific associations; shaded areas indicate 95% confidence interval bands. Grey-dashed lines indicate associations estimated for individual prefectures or CJPs. Natural cubic splines (with three degrees of freedom) were used to model temperature and lag days, respectively.  $I^2$  statistics for each pooled estimate are provided in Table S3. Patterns of associations are irregular for some prefecture- or CJP-specific associations because of small numbers of HFMD cases. Abbreviations: HFMD, hand, foot, and mouth disease; CJP, county under the jurisdiction of province; RR, relative risk.

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**Table S1.** 28 general climate models of the 5<sup>th</sup> phase of Coupled Model Intercomparison Project.

<b>Model Name</b>	<b>Abbreviation</b>	<b>Modelling Centre</b>	<b>Country</b>
BCC-CSM1.1	BC1	Beijing Climate Centre	China
BCC-CSM1.1(m)	BC2	Beijing Climate Centre	China
BNU-ESM	BNU	CGCESS, Beijing Normal University	China
CanESM2	CaE	Canadian Centre for Climate Modelling and Analysis	Canada
CCSM4	CCS	National Centre for Atmospheric Research	USA
CESM1(BGC)	CE1	Community Earth System Model Contributors	USA
CMCC-CM	CM2	Euro-Mediterranean Centre on Climate Change	Italy
CMCC-CMS	CM3	Euro-Mediterranean Centre on Climate Change	Italy
CSIRO-Mk3.6.0	CSI	CSIRO	Australia
EC-EARTH	ECE	EC-EARTH consortium	EU
FIO-ESM	FIO	The First Institute of Oceanography, SOA, China	China
GFDL-CM3	GF2	NOAA Geophysical Fluid Dynamics Laboratory	USA
GFDL-ESM2G	GF3	NOAA Geophysical Fluid Dynamics Laboratory	USA
GFDL-ESM2M	GF4	NOAA Geophysical Fluid Dynamics Laboratory	USA
GISS-E2-H-CC	GE2	NASA Goddard Institute for Space Studies	USA
GISS-E2-R	GE3	NASA Goddard Institute for Space Studies	USA
HadGEM2-AO	Ha5	National Institute of Meteorological Research/Korea Meteorological Administration	South Korea
INM-CM4	INC	Institute for Numerical Mathematics	Russia
IPSL-CM5A-MR	IP2	Institute Pierre-Simon Laplace	France
IPSL-CM5B-LR	IP3	Institute Pierre-Simon Laplace	France
MIROC5	MI2	AORI, NIES, and JAMST	Japan
MIROC-ESM	MI3	AORI, NIES, and JAMST	Japan
MIROC-ESM-CHEM	MI4	AORI, NIES, and JAMST	Japan
MPI-ESM-LR	MP1	Max Planck Institute for Meteorology	Germany
MPI-ESM-MR	MP2	Max Planck Institute for Meteorology	Germany
MRI-CGCM3	MR3	Meteorological Research Institute	Japan
NorESM1-M	NE1	Norwegian Climate Centre	Norway
NorESM1-ME	NE2	Norwegian Climate Centre	Norway

**Table S2.** Reference temperatures used for each prefecture/CJP for estimating the relative risk of HFMD in association with daily mean temperature.

Province or municipality	Prefecture/CJP	Administrative code	Reference temperature (°C)
<b>North</b>			
Beijing	Beijing	110000	-3.6
Tianjin	Tianjin	120000	-3.6
Hebei	Shijiazhuang	130100	-3.6
Hebei	Tangshan	130200	-3.6
Hebei	Qinhuangdao	130300	-3.6
Hebei	Handan	130400	-3.6
Hebei	Xingtai	130500	-3.6
Hebei	Baoding	130600	-3.6
Hebei	Zhangjiakou	130700	-3.6
Hebei	Chengde	130800	-3.6
Hebei	Cangzhou	130900	-3.6
Hebei	Langfang	131000	-3.6
Hebei	Hengshui	131100	-3.6
Shanxi	Taiyuan	140100	-3.6
Shanxi	Datong	140200	-3.6
Shanxi	Yangquan	140300	-3.6
Shanxi	Changzhi	140400	-3.6
Shanxi	Jincheng	140500	-3.6
Shanxi	Shuozhou	140600	-3.6
Shanxi	Jinzhong	140700	-3.6
Shanxi	Yuncheng	140800	-3.6
Shanxi	Xinzhou	140900	-3.6
Shanxi	Linfen	141000	-3.6
Shanxi	Lvliang	141100	-3.6
<b>Inner Mongolia</b>			
Inner Mongolia	Hohhot	150100	-3.6
Inner Mongolia	Baotou	150200	-3.6
Inner Mongolia	Wuhai	150300	-3.6
Inner Mongolia	Chifeng	150400	-3.6
Inner Mongolia	Tongliao	150500	-3.6
Inner Mongolia	Ordos	150600	-3.6
Inner Mongolia	Hulunber	150700	-3.6
Inner Mongolia	Bayan Nur	150800	-3.6
Inner Mongolia	Ulanqab	150900	-3.6
Inner Mongolia	Hinggan	152200	-3.6
Inner Mongolia	Xilin Gol	152500	-3.6
Inner Mongolia	Alxa	152900	-3.6
<b>Northeast</b>			
Liaoning	Shenyang	210100	-3.6
Liaoning	Dalian	210200	-3.6
Liaoning	Anshan	210300	-3.6
Liaoning	Fushun	210400	-3.6

Liaoning	Benxi	210500	-3.6
Liaoning	Dandong	210600	-3.6
Liaoning	Jinzhou	210700	-3.6
Liaoning	Yingkou	210800	-3.6
Liaoning	Fuxin	210900	-3.6
Liaoning	Liaoyang	211000	-3.6
Liaoning	Panjin	211100	-3.6
Liaoning	Tieling	211200	-3.6
Liaoning	Chaoyang	211300	-3.6
Liaoning	Huludao	211400	-3.6
Jilin	Changchun	220100	-3.6
Jilin	Jilin	220200	-3.6
Jilin	Siping	220300	-3.6
Jilin	Liaoyuan	220400	-3.6
Jilin	Tonghua	220500	-3.6
Jilin	Baishan	220600	-3.6
Jilin	Songyuan	220700	-3.6
Jilin	Baicheng	220800	-3.6
Jilin	Yanbian	222400	-3.6
Heilongjiang	Harbin	230100	-3.6
Heilongjiang	Qiqihar	230200	-3.6
Heilongjiang	Jixi	230300	-3.6
Heilongjiang	Hegang	230400	-3.6
Heilongjiang	Shuangyashan	230500	-3.6
Heilongjiang	Daqing	230600	-3.6
Heilongjiang	Yichun	230700	-3.6
Heilongjiang	Jiamusi	230800	-3.6
Heilongjiang	Qitaihe	230900	-3.6
Heilongjiang	Mudanjiang	231000	-3.6
Heilongjiang	Heihe	231100	-3.6
Heilongjiang	Suihua	231200	-3.6
Heilongjiang	DaXingAnLing	232700	-3.6
<b>East</b>			
Shanghai	Shanghai	310000	-3.4
Jiangsu	Nanjing	320100	-3.6
Jiangsu	Wuxi	320200	-3.6
Jiangsu	Xuzhou	320300	-3.6
Jiangsu	Changzhou	320400	-3.6
Jiangsu	Suzhou	320500	-3.4
Jiangsu	Nantong	320600	-3.6
Jiangsu	Lianyungang	320700	-3.6
Jiangsu	Huai'an	320800	-3.6
Jiangsu	Yancheng	320900	-3.6
Jiangsu	Yangzhou	321000	-3.6
Jiangsu	Zhenjiang	321100	-3.6
Jiangsu	Taizhou	321200	-3.6

Jiangsu	Suqian	321300	-3.6
Zhejiang	Hangzhou	330100	-2.0
Zhejiang	Ningbo	330200	-1.6
Zhejiang	Wenzhou	330300	0.7
Zhejiang	Jiaxing	330400	-2.7
Zhejiang	Huzhou	330500	-3.0
Zhejiang	Shaoxing	330600	-2.3
Zhejiang	Jinhua	330700	-1.4
Zhejiang	Quzhou	330800	-1.5
Zhejiang	Zhoushan	330900	1.2
Zhejiang	Taizhou	331000	-0.4
Zhejiang	Lishui	331100	-0.3
Anhui	Hefei	340100	-3.3
Anhui	Wuhu	340200	-3.4
Anhui	Bengbu	340300	-3.6
Anhui	Huainan	340400	-3.6
Anhui	Ma'anshan	340500	-3.6
Anhui	Huaibei	340600	-3.6
Anhui	Tongling	340700	-2.4
Anhui	Anqing	340800	-3.3
Anhui	Huangshan	341000	-2.1
Anhui	Chuzhou	341100	-3.6
Anhui	Fuyang	341200	-3.6
Anhui	Suzhou	341300	-3.6
Anhui	Lu'an	341500	-3.3
Anhui	Bozhou	341600	-3.6
Anhui	Chizhou	341700	-3.4
Anhui	Xuancheng	341800	-3.4
Fujian	Fuzhou	350100	4.4
Fujian	Xiamen	350200	6.7
Fujian	Putian	350300	5.4
Fujian	Sanming	350400	1.4
Fujian	Quanzhou	350500	5.6
Fujian	Zhangzhou	350600	7.3
Fujian	Nanping	350700	1.8
Fujian	Longyan	350800	3.8
Fujian	Ningde	350900	3.2
Jiangxi	Nanchang	360100	-2.3
Jiangxi	Jingdezhen	360200	-0.7
Jiangxi	Pingxiang	360300	-0.6
Jiangxi	Jiujiang	360400	3.9
Jiangxi	Xinyu	360500	-0.6
Jiangxi	Yingtian	360600	-0.5
Jiangxi	Ganzhou	360700	-0.3
Jiangxi	Ji'an	360800	0.2
Jiangxi	Yichun	360900	-1.2

Jiangxi	Fuzhou	361000	-0.8
Jiangxi	Shangrao	361100	-1.2
Shandong	Jinan	370100	-3.6
Shandong	Qingdao	370200	-3.6
Shandong	Zibo	370300	-3.6
Shandong	Zaozhuang	370400	-3.6
Shandong	Dongying	370500	-3.6
Shandong	Yantai	370600	-3.6
Shandong	Weifang	370700	-3.6
Shandong	Jining	370800	-3.6
Shandong	Tai'an	370900	-3.6
Shandong	Weihai	371000	-3.6
Shandong	Rizhao	371100	-3.6
Shandong	Laiwu	371200	-3.6
Shandong	Linyi	371300	-3.6
Shandong	Dezhou	371400	-3.6
Shandong	Liaocheng	371500	-3.6
Shandong	Binzhou	371600	-3.6
Shandong	Heze	371700	-3.6
<b>Central region</b>			
Henan	Zhengzhou	410100	-3.6
Henan	Kaifeng	410200	-3.6
Henan	Luoyang	410300	-3.6
Henan	Pingdingshan	410400	-3.6
Henan	Anyang	410500	-3.6
Henan	Hebi	410600	-3.6
Henan	Xinxiang	410700	-3.6
Henan	Jiaozuo	410800	-3.6
Henan	Puyang	410900	-3.6
Henan	Xuchang	411000	-3.6
Henan	Luohe	411100	-3.6
Henan	Sanmenxia	411200	-3.6
Henan	Nanyang	411300	-3.6
Henan	Shangqiu	411400	-3.6
Henan	Xinyang	411500	-3.6
Henan	Zhoukou	411600	-3.6
Henan	Zhumadian	411700	-3.6
Henan	Jiyuan	419000	-3.6
Hubei	Wuhan	420100	-2.9
Hubei	Huangshi	420200	-1.7
Hubei	Shiyan	420300	-3.6
Hubei	Yichang	420500	-1.9
Hubei	Xiangyang	420600	-2.9
Hubei	Ezhou	420700	-1.7
Hubei	Jingmen	420800	-2.2
Hubei	Xiaogan	420900	-2.4



Hubei	Jingzhou	421000	-2.1
Hubei	Huanggang	421100	-1.7
Hubei	Xianning	421200	-2.1
Hubei	Suizhou	421300	-3.6
Hubei	Enshi	422800	-1.5
Hubei	Xiantao	429100	-2.2
Hubei	Qianjiang	429200	-2.2
Hubei	Tianmen	429300	-2.1
Hubei	Shennongjia	429400	-2.1
Hunan	Changsha	430100	-1.9
Hunan	Zhuzhou	430200	-1.7
Hunan	Xiangtan	430300	-1.7
Hunan	Hengyang	430400	-1.6
Hunan	Shaoyang	430500	-3.1
Hunan	Yueyang	430600	-3.2
Hunan	Changde	430700	-2.7
Hunan	Zhangjiajie	430800	-2.1
Hunan	Yiyang	430900	-2.2
Hunan	Chenzhou	431000	-1.6
Hunan	Yongzhou	431100	-3.0
Hunan	Huaihua	431200	-2.4
Hunan	Loudi	431300	-2.2
Hunan	Xiangxi	433100	-2.2
<b>South</b>			
Guangdong	Guangzhou	440100	4.8
Guangdong	Shaoguan	440200	2.0
Guangdong	Shenzhen	440300	5.4
Guangdong	Zhuhai	440400	5.7
Guangdong	Shantou	440500	7.0
Guangdong	Foshan	440600	4.8
Guangdong	Jiangmen	440700	5.3
Guangdong	Zhanjiang	440800	6.8
Guangdong	Maoming	440900	6.9
Guangdong	Zhaoqing	441200	5.4
Guangdong	Huizhou	441300	4.3
Guangdong	Meizhou	441400	4.2
Guangdong	Shanwei	441500	6.6
Guangdong	Heyuan	441600	3.8
Guangdong	Yangjiang	441700	5.0
Guangdong	Qingyuan	441800	4.0
Guangdong	Dongguan	441900	5.2
Guangdong	Zhongshan	442000	5.3
Guangdong	Chaozhou	445100	7.0
Guangdong	Jieyang	445200	7.0
Guangdong	Yunfu	445300	5.4
Guangxi	Nanning	450100	4.5

Guangxi	Liuzhou	450200	1.7
Guangxi	Guilin	450300	0.2
Guangxi	Wuzhou	450400	3.4
Guangxi	Beihai	450500	5.0
Guangxi	Fangchenggang	450600	5.9
Guangxi	Qinzhou	450700	5.1
Guangxi	Guigang	450800	4.7
Guangxi	Yulin	450900	4.8
Guangxi	Baise	451000	6.1
Guangxi	Hezhou	451100	0.8
Guangxi	Hechi	451200	2.6
Guangxi	Laibin	451300	2.5
Guangxi	Chongzuo	451400	6.5
Hainan	Haikou	460100	9.4
Hainan	Sanya	460200	12.5
Hainan	Wuzhishan	461100	11.0
Hainan	Qionghai	461200	10.6
Hainan	Danzhou	461300	9.0
Hainan	Wenchang	461500	10.6
Hainan	Wanning	461600	10.9
Hainan	Dongfang	461700	11.2
Hainan	Ding'an	462100	9.8
Hainan	Tunchang	462200	12.0
Hainan	Chengmai	462300	9.4
Hainan	Lingao	462400	10.0
Hainan	Baisha	462500	9.4
Hainan	Changjiang	462600	11.2
Hainan	Ledong	462700	12.5
Hainan	Lingshui	462800	14.4
Hainan	Baoting	462900	15.0
Hainan	Qiongzong	463000	11.0
<b>Southwest</b>			
Chongqing	Chongqing	500000	3.0
Sichuan	Chengdu	510100	-0.4
Sichuan	Zigong	510300	2.5
Sichuan	Panzhihua	510400	5.9
Sichuan	Luzhou	510500	3.4
Sichuan	Deyang	510600	0.6
Sichuan	Mianyang	510700	0.6
Sichuan	Guangyuan	510800	0.8
Sichuan	Suining	510900	1.3
Sichuan	Neijiang	511000	0.9
Sichuan	Leshan	511100	1.6
Sichuan	Nanchong	511300	1.6
Sichuan	Meishan	511400	1.9
Sichuan	Yibin	511500	3.7

Sichuan	Guang'an	511600	1.6
Sichuan	Dazhou	511700	2.6
Sichuan	Ya'an	511800	0.8
Sichuan	Bazhong	511900	1.1
Sichuan	Ziyang	512000	2.0
Sichuan	Aba	513200	-3.6
Sichuan	Garze	513300	-3.6
Sichuan	Liangshan	513400	1.0
Guizhou	Guiyang	520100	-3.6
Guizhou	Liupanshui	520200	-3.6
Guizhou	Zunyi	520300	-2.0
Guizhou	Anshun	520400	-3.2
Guizhou	Bijie	520500	-3.5
Guizhou	Tongren	520600	-1.3
Guizhou	Qianxinan	522300	0.3
Guizhou	Qiandongnan	522600	-3.3
Guizhou	Qiannan	522700	-3.6
Yunnan	Kunming	530100	-0.9
Yunnan	Qujing	530300	-2.9
Yunnan	Yuxi	530400	1.2
Yunnan	Baoshan	530500	5.0
Yunnan	Zhaotong	530600	-3.6
Yunnan	Lijiang	530700	-1.0
Yunnan	Pu'er	530800	6.6
Yunnan	Lincang	530900	5.3
Yunnan	Chuxiong	532300	1.4
Yunnan	Honghe	532500	3.6
Yunnan	Wenshan	532600	0.6
Yunnan	Xishuangbanna	532800	10.2
Yunnan	Dali	532900	0.3
Yunnan	Dehong	533100	4.8
Yunnan	Nujiang	533300	5.5
Yunnan	Deqen	533400	-3.6
<b>Qingzang</b>			
Tibet	Lhasa	540100	-3.6
Tibet	Rikaze	540200	-3.6
Tibet	Qamdo	540300	6.8
Tibet	Shannan	542200	-3.6
Tibet	Nagqu	542400	-3.6
Tibet	Ngari	542500	-3.6
Tibet	Nyingchi	542600	-1.7
Qinghai	Xining	630100	-3.6
Qinghai	Haidong	630200	-3.6
Qinghai	Haibei	632200	-3.6
Qinghai	Huangnan	632300	2.5
Qinghai	Hainan	632500	-3.6

Qinghai	Golog	632600	-3.6
Qinghai	Yushu	632700	-3.6
Qinghai	Haixi	632800	-3.6
<b>Northwest</b>			
Shaanxi	Xi'an	610100	-3.6
Shaanxi	Tongchuan	610200	-3.6
Shaanxi	Baoji	610300	-3.6
Shaanxi	Xianyang	610400	-3.6
Shaanxi	Weinan	610500	-3.6
Shaanxi	Yan'an	610600	-3.6
Shaanxi	Hanzhong	610700	-1.3
Shaanxi	Yulin	610800	-3.6
Shaanxi	Ankang	610900	-1.7
Shaanxi	Shangluo	611000	-3.6
Shaanxi	Xixian	611100	-3.6
Gansu	Lanzhou	620100	-3.6
Gansu	Jiayuguan	620200	-3.6
Gansu	Jinchang	620300	-3.6
Gansu	Baiyin	620400	-3.6
Gansu	Tianshui	620500	-3.6
Gansu	Wuwei	620600	-3.6
Gansu	Zhangye	620700	-3.6
Gansu	Pingliang	620800	-3.6
Gansu	Jiuquan	620900	-3.6
Gansu	Qingyang	621000	-3.6
Gansu	Dingxi	621100	-3.6
Gansu	Longnan	621200	-1.0
Gansu	Linxia	622900	-3.6
Gansu	Gannan	623000	-3.6
Ningxia	Yinchuan	640100	-3.6
Ningxia	Shizuishan	640200	-3.6
Ningxia	Wuzhong	640300	-3.6
Ningxia	Guyuan	640400	-3.6
Ningxia	Zhongwei	640500	-3.6
Xinjiang	Urumqi	650100	-3.6
Xinjiang	Karamay	650200	-3.6
Xinjiang	Turpan	652100	-3.6
Xinjiang	Hami	652200	-3.6
Xinjiang	Changji	652300	-3.6
Xinjiang	Bortala	652700	-3.6
Xinjiang	Bayingol	652800	-3.6
Xinjiang	Aksu	652900	-3.6
Xinjiang	Kizilsu	653000	5.5
Xinjiang	Kashgar	653100	-3.6
Xinjiang	Hotan	653200	-1.9
Xinjiang	Ili	654000	-3.6

Xinjiang	Qoqek	654200	-3.6
Xinjiang	Altay	654300	-3.6
Xinjiang	Shihezi	659100	-3.6
Xinjiang	Aral	659200	-3.6
Xinjiang	Tumxuk	659300	-3.6
Xinjiang	Wujiaqu	659400	-3.6

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Note: CJP, county under the jurisdiction of province; HFMD, hand, foot, and mouth disease.

**Table S3.** Results of Cochran Q test and values of  $I^2$  statistic for each estimate pooled at province level.

<b>Province or municipality<sup>a</sup></b>	<b>Q test</b>	<b>P value of Q test</b>	<b><math>I^2</math> (%)</b>
<b>Northeast</b>			
Heilongjiang	90.78	0.000	70.26
Jilin	48.15	0.002	50.16
Liaoning	90.83	0.000	57.06
<b>Inner Mongolia</b>			
Inner Mongolia	46.22	0.063	28.60
<b>North</b>			
Beijing <sup>b</sup>	—	—	—
Tianjin <sup>b</sup>	—	—	—
Hebei	56.57	0.000	57.58
Shanxi	23.25	0.079	35.48
<b>Northwest</b>			
Xinjiang	106.70	0.000	52.20
Ningxia	25.12	0.014	52.24
Gansu	69.47	0.000	61.13
Shaanxi	50.02	0.005	46.02
<b>East</b>			
Shandong	96.41	0.000	62.66
Jiangsu	59.10	0.009	39.09
Anhui	87.04	0.000	48.30
Shanghai <sup>b</sup>	—	—	—
Zhejiang	33.91	0.284	11.54
Jiangxi	54.73	0.001	50.67
Fujian	49.33	0.002	51.35
<b>Central region</b>			
Henan	95.72	0.000	46.72
Hubei	114.06	0.000	60.55
Hunan	67.97	0.001	47.03
<b>Qingzang</b>			
Qinghai	21.12	0.133	28.97
Tibet	32.92	0.017	45.32
<b>Southwest</b>			
Sichuan	124.06	0.000	58.89
Chongqing <sup>b</sup>	—	—	—
Guizhou	46.79	0.004	48.71
Yunnan	77.58	0.000	53.59
<b>South</b>			
Guangdong	119.63	0.000	49.85
Guangxi	84.45	0.000	53.82
Hainan	124.24	0.000	61.36

<sup>a</sup>Provinces or municipalities are sorted by region and ordered by latitude from high to low.

<sup>b</sup>No data for municipalities are provided as they are treated as mega-cities in this study.

**Table S4.** Projected percentage change (and 95% eCIs) in HFMD incidence among children aged 0–14 years due to climate change (RCP 4.5 and 8.5 scenarios) by site and decade relative to baseline estimates for 2009–2014, holding population sizes and temperature-HFMD associations constant over time.

Province or municipality	Prefecture/CJP	RCP 4.5 (percentage change and 95% eCI)			RCP 8.5 (percentage change and 95% eCI)		
		2030s	2050s	2090s	2030s	2050s	2090s
<b>North</b>							
Beijing	Beijing	1.8 (-1.9, 5.5)	3.2 (-0.2, 6.6)	4.2 (0.0, 8.4)	2.4 (-1.0, 5.8)	4.9 (1.3, 8.4)	9.0 (3.7, 14.3)
Tianjin	Tianjin	1.1 (-1.7, 4.0)	1.8 (-1.1, 4.8)	2.3 (-0.9, 5.5)	1.6 (-1.2, 4.3)	2.9 (-0.3, 6.1)	4.6 (-0.5, 9.8)
Hebei	Shijiazhuang	1.2 (-1.4, 3.9)	2.4 (-0.2, 4.9)	3.2 (-0.5, 6.8)	1.9 (-0.9, 4.7)	3.9 (0.6, 7.1)	6.3 (1.7, 11.0)
Hebei	Tangshan	1.6 (-2.1, 5.3)	2.9 (-0.8, 6.5)	3.8 (-0.1, 7.7)	2.5 (-1.0, 5.9)	4.9 (1.5, 8.2)	8.9 (3.5, 14.3)
Hebei	Qinhuangdao	2.5 (-1.7, 6.6)	4.3 (-0.1, 8.6)	5.8 (1.1, 10.4)	3.4 (-1.0, 7.8)	6.6 (2.5, 10.6)	12.4 (5.8, 19.0)
Hebei	Handan	1.3 (-1.6, 4.3)	2.3 (-0.7, 5.3)	3.1 (-0.7, 6.9)	1.9 (-0.9, 4.6)	3.7 (0.5, 7.0)	6.3 (1.2, 11.4)
Hebei	Xingtai	1.3 (-1.6, 4.3)	2.3 (-0.7, 5.3)	3.1 (-0.7, 6.9)	1.9 (-0.9, 4.6)	3.7 (0.5, 7.0)	6.3 (1.2, 11.4)
Hebei	Baoding	1.6 (-1.6, 4.8)	2.8 (-0.6, 6.2)	3.7 (-0.3, 7.6)	2.1 (-1.0, 5.1)	4.3 (0.8, 7.8)	7.8 (2.3, 13.3)
Hebei	Zhangjiakou	2.5 (-1.7, 6.8)	4.4 (0.1, 8.8)	6.1 (0.2, 12.0)	3.5 (-0.6, 7.5)	7.0 (3.0, 10.9)	13.3 (6.6, 19.9)
Hebei	Chengde	2.1 (-1.5, 5.6)	3.5 (0.0, 7.0)	4.8 (0.4, 9.2)	3.0 (-0.6, 6.6)	5.9 (1.9, 9.9)	11.4 (5.4, 17.5)
Hebei	Cangzhou	1.4 (-1.6, 4.3)	2.3 (-0.6, 5.3)	3.1 (-0.3, 6.4)	1.8 (-0.9, 4.5)	3.6 (0.8, 6.5)	6.7 (2.3, 11.0)
Hebei	Langfang	1.6 (-1.9, 5.1)	2.9 (-0.3, 6.2)	3.8 (-0.2, 7.8)	2.2 (-1.1, 5.6)	4.4 (0.8, 8.0)	8.2 (2.9, 13.6)
Hebei	Hengshui	1.3 (-1.3, 3.9)	2.3 (-0.5, 5.1)	3.1 (-0.4, 6.6)	1.8 (-0.8, 4.4)	3.7 (0.7, 6.7)	6.7 (1.4, 12.0)
Shanxi	Taiyuan	2.9 (-1.1, 6.8)	5.4 (0.9, 9.9)	7.7 (0.3, 15.0)	3.9 (0.5, 7.3)	8.7 (3.1, 14.4)	18.2 (7.9, 28.6)
Shanxi	Datong	4.0 (-1.0, 9.0)	7.2 (1.9, 12.5)	10.3 (1.3, 19.2)	5.0 (1.3, 8.6)	11.4 (5.3, 17.5)	24.9 (12.3, 37.5)
Shanxi	Yangquan	2.5 (-1.1, 6.1)	4.7 (0.8, 8.6)	6.5 (0.7, 12.4)	3.4 (0.4, 6.3)	7.4 (3.0, 11.9)	15.3 (6.9, 23.7)
Shanxi	Changzhi	3.2 (-1.1, 7.4)	5.7 (0.7, 10.8)	8.2 (0.1, 16.2)	4.1 (0.4, 7.8)	9.1 (3.0, 15.3)	19.1 (8.0, 30.2)
Shanxi	Jincheng	2.5 (-0.6, 5.7)	4.8 (1.0, 8.5)	6.5 (0.8, 12.2)	3.3 (0.3, 6.3)	7.2 (2.0, 12.3)	15.1 (6.9, 23.3)
Shanxi	Shuozhou	4.6 (-0.6, 9.7)	8.6 (2.2, 15.0)	12.2 (0.7, 23.7)	6.1 (1.3, 11.0)	14.1 (5.3, 22.8)	30.1 (12.5, 47.6)
Shanxi	Jinzhong	2.9 (-1.1, 6.8)	5.4 (0.9, 9.9)	7.7 (0.3, 15.0)	3.9 (0.5, 7.3)	8.7 (3.1, 14.4)	18.2 (7.9, 28.6)
Shanxi	Yuncheng	2.3 (-0.7, 5.3)	4.5 (1.0, 7.9)	6.2 (1.0, 11.5)	3.3 (0.3, 6.3)	7.1 (2.4, 11.8)	14.7 (7.6, 21.8)
Shanxi	Xinzhou	3.4 (-0.9, 7.6)	6.2 (1.3, 11.1)	8.8 (0.6, 17.0)	4.4 (0.7, 8.0)	9.9 (3.6, 16.3)	21.1 (9.3, 32.8)
Shanxi	Linfen	2.6 (-0.9, 6.2)	4.9 (1.0, 8.8)	6.9 (0.8, 13.0)	3.6 (0.3, 6.9)	7.8 (2.5, 13.1)	15.9 (7.1, 24.8)
Shanxi	Lvliang	3.3 (-0.8, 7.4)	6.3 (1.4, 11.2)	9.0 (0.9, 17.2)	4.4 (0.5, 8.4)	10.1 (3.3, 17.0)	21.1 (8.7, 33.6)
<b>Inner Mongolia</b>							
Inner Mongolia	Hohhot	4.9 (-1.0, 10.8)	8.9 (2.2, 15.7)	12.3 (2.3, 22.4)	6.2 (0.9, 11.4)	13.5 (7.7, 19.3)	28.8 (16.9, 40.6)
Inner Mongolia	Baotou	4.4 (-1.1, 9.8)	8.4 (2.1, 14.7)	11.3 (1.9, 20.7)	5.7 (1.5, 9.8)	12.7 (6.3, 19.1)	27.0 (14.9, 39.0)
Inner Mongolia	Wuhai	3.7 (-0.3, 7.7)	6.9 (2.4, 11.4)	9.5 (2.1, 16.8)	4.7 (1.6, 7.7)	10.6 (4.7, 16.5)	21.8 (11.4, 32.2)
Inner Mongolia	Chifeng	4.4 (-1.8, 10.7)	7.7 (1.1, 14.2)	10.6 (2.2, 19.0)	5.9 (-0.4, 12.2)	11.9 (5.9, 17.9)	25.4 (14.7, 36.1)
Inner Mongolia	Tongliao	5.2 (-2.8, 13.2)	8.6 (0.8, 16.5)	12.4 (2.1, 22.7)	6.5 (-0.8, 13.7)	13.6 (5.6, 21.5)	30.2 (17.9, 42.5)
Inner Mongolia	Ordos	4.7 (-0.9, 10.4)	9.2 (2.6, 15.8)	12.8 (2.9, 22.6)	6.1 (1.7, 10.5)	13.8 (6.8, 20.9)	29.3 (16.6, 42.1)
Inner Mongolia	Hulunber	14.6 (-8.0, 37.3)	25.4 (-0.4, 51.3)	33.4 (2.2, 64.6)	19.1 (-1.1, 39.3)	39.7 (15.0, 64.5)	90.8 (55.7, 125.9)
Inner Mongolia	Bayan Nur	4.7 (-1.3, 10.8)	9.1 (2.5, 15.6)	12.2 (2.3, 22.1)	6.4 (2.2, 10.5)	13.8 (6.4, 21.1)	28.7 (15.7, 41.7)
Inner Mongolia	Ulanqab	6.2 (-1.1, 13.5)	11.4 (3.0, 19.8)	16.0 (3.3, 28.8)	7.8 (1.6, 13.9)	17.7 (10.2, 25.2)	37.6 (21.8, 53.3)
Inner Mongolia	Hinggan	6.8 (-3.2, 16.9)	11.1 (-1.0, 23.3)	15.5 (2.1, 28.9)	8.5 (0.8, 16.2)	17.3 (8.6, 26.0)	39.3 (24.0, 54.7)
Inner Mongolia	Xilin Gol	7.7 (-4.7, 20.1)	14.9 (-0.6, 30.4)	21.8 (1.2, 42.4)	9.3 (-2.4, 20.9)	24.2 (9.5, 39.0)	53.9 (30.9, 76.9)
Inner Mongolia	Alxa	4.5 (-0.6, 9.6)	8.3 (2.6, 13.9)	11.3 (3.1, 19.5)	5.5 (1.6, 9.4)	12.3 (3.9, 20.6)	25.6 (12.9, 38.4)
<b>Northeast</b>							
Liaoning	Shenyang	5.6 (-1.4, 12.6)	9.7 (1.4, 17.9)	13.7 (2.2, 25.2)	6.2 (1.7, 10.6)	14.4 (8.2, 20.7)	33.2 (20.8, 45.6)
Liaoning	Dalian	5.5 (-0.9, 11.9)	10.5 (0.8, 20.2)	14.4 (1.8, 27.1)	6.2 (0.4, 12.0)	14.8 (6.5, 23.1)	32.6 (15.8, 49.5)
Liaoning	Anshan	5.3 (-1.1, 11.7)	9.5 (1.3, 17.6)	13.1 (2.2, 24.0)	6.1 (1.6, 10.6)	13.8 (7.4, 20.2)	31.3 (18.4, 44.1)
Liaoning	Fushun	5.6 (-1.4, 12.6)	9.7 (1.4, 17.9)	13.7 (2.2, 25.2)	6.2 (1.7, 10.6)	14.4 (8.2, 20.7)	33.2 (20.8, 45.6)
Liaoning	Benxi	5.3 (-1.1, 11.6)	9.5 (1.2, 17.7)	13.1 (2.3, 23.8)	6.1 (1.7, 10.5)	13.9 (7.6, 20.2)	31.6 (18.9, 44.2)
Liaoning	Dandong	4.9 (-0.8, 10.5)	9.1 (2.2, 16.0)	12.3 (3.0, 21.6)	5.7 (1.3, 10.1)	13.2 (7.6, 18.7)	29.7 (18.4, 41.1)
Liaoning	Jinzhou	4.6 (-0.1, 9.4)	8.3 (1.7, 14.9)	11.6 (1.9, 21.3)	5.3 (1.1, 9.4)	12.4 (6.6, 18.1)	27.8 (15.1, 40.4)
Liaoning	Yingkou	4.4 (-0.5, 9.3)	7.9 (1.4, 14.3)	11.1 (1.9, 20.3)	4.9 (1.1, 8.8)	11.6 (6.3, 17.0)	26.2 (14.0, 38.3)
Liaoning	Fuxin	5.1 (-0.7, 10.9)	8.4 (1.5, 15.4)	11.8 (1.4, 22.3)	5.6 (1.6, 9.6)	12.7 (6.8, 18.6)	29.0 (15.8, 42.2)
Liaoning	Liaoyang	5.2 (-1.1, 11.4)	9.0 (1.0, 17.0)	12.5 (2.1, 23.0)	5.8 (1.6, 9.9)	13.1 (6.9, 19.2)	29.7 (17.4, 42.1)
Liaoning	Panjin	4.4 (-0.5, 9.3)	7.9 (1.4, 14.3)	11.1 (1.9, 20.3)	4.9 (1.1, 8.8)	11.6 (6.3, 17.0)	26.2 (14.0, 38.3)
Liaoning	Tieling	5.8 (-1.0, 12.6)	9.8 (1.8, 17.7)	13.7 (2.4, 25.0)	6.3 (2.2, 10.4)	14.4 (8.0, 20.8)	33.3 (21.2, 45.5)
Liaoning	Chaoyang	5.2 (-0.4, 10.8)	9.2 (1.5, 16.9)	13.0 (1.5, 24.5)	6.3 (1.4, 11.1)	14.2 (7.7, 20.7)	32.1 (17.3, 46.8)
Liaoning	Huludao	4.5 (-0.2, 9.3)	8.1 (1.6, 14.7)	11.5 (1.6, 21.4)	5.1 (1.1, 9.0)	12.1 (6.5, 17.7)	27.0 (14.3, 39.7)
Jilin	Changchun	5.7 (-1.3, 12.7)	9.6 (-0.2, 19.3)	13.5 (0.8, 26.2)	6.4 (1.9, 10.9)	14.3 (7.1, 21.4)	32.9 (19.9, 45.9)
Jilin	Jilin	5.5 (-1.7, 12.7)	9.7 (-0.6, 19.9)	13.7 (0.3, 27.1)	6.6 (2.4, 10.8)	15.1 (7.2, 22.9)	34.9 (20.8, 49.1)

Jilin	Siping	5.1 (-1.1, 11.2)	8.2 (0.3, 16.1)	11.9 (1.0, 22.9)	5.6 (1.5, 9.7)	13.0 (6.0, 20.1)	30.7 (19.0, 42.5)
Jilin	Liaoyuan	5.6 (-1.1, 12.3)	9.6 (0.8, 18.4)	13.3 (1.3, 25.4)	6.4 (2.4, 10.4)	14.4 (7.3, 21.5)	33.0 (20.1, 45.9)
Jilin	Tonghua	5.3 (-1.4, 12.1)	9.4 (0.8, 18.0)	13.1 (1.9, 24.3)	6.3 (1.8, 10.7)	14.4 (7.4, 21.3)	32.4 (19.7, 45.0)
Jilin	Baishan	5.2 (-1.1, 11.6)	9.2 (0.8, 17.5)	12.7 (1.7, 23.7)	5.9 (1.8, 9.9)	13.6 (6.6, 20.5)	30.9 (18.1, 43.7)
Jilin	Songyuan	5.6 (-0.8, 11.9)	9.0 (0.0, 18.1)	12.3 (0.3, 24.2)	6.0 (1.6, 10.5)	13.5 (6.6, 20.5)	31.5 (17.4, 45.5)
Jilin	Baicheng	5.4 (-0.8, 11.5)	8.7 (-0.3, 17.6)	12.0 (-0.3, 24.3)	6.0 (1.1, 10.9)	13.4 (5.8, 20.9)	31.3 (16.5, 46.1)
Jilin	Yanbian	5.4 (-1.7, 12.5)	9.5 (-1.0, 20.0)	13.4 (0.7, 26.2)	6.1 (2.5, 9.7)	14.0 (6.3, 21.7)	32.4 (19.0, 45.8)
Heilongjiang	Harbin	5.7 (-1.4, 12.7)	9.5 (-0.4, 19.5)	13.0 (0.1, 25.9)	6.2 (1.7, 10.8)	14.2 (6.6, 21.8)	33.2 (19.5, 46.9)
Heilongjiang	Qiqihar	5.8 (-1.3, 12.8)	9.7 (-0.3, 19.7)	13.2 (-0.8, 27.2)	6.9 (1.5, 12.3)	14.7 (6.7, 22.6)	34.3 (19.1, 49.5)
Heilongjiang	Jixi	5.7 (-0.7, 12.0)	9.9 (0.1, 19.7)	13.4 (1.5, 25.4)	6.5 (2.3, 10.8)	14.7 (7.6, 21.8)	33.9 (21.6, 46.3)
Heilongjiang	Hegang	5.5 (-0.7, 11.7)	9.6 (-1.4, 20.6)	13.2 (-0.3, 26.7)	6.4 (1.6, 11.1)	14.7 (7.1, 22.3)	35.2 (20.5, 49.8)
Heilongjiang	Shuangyashan	5.5 (-0.7, 11.7)	9.6 (-1.4, 20.6)	13.2 (-0.3, 26.7)	6.4 (1.6, 11.1)	14.7 (7.1, 22.3)	35.2 (20.5, 49.8)
Heilongjiang	Daqing	5.5 (-0.7, 11.6)	9.0 (-1.3, 19.2)	12.1 (-1.2, 25.4)	6.3 (1.6, 11.1)	13.7 (5.5, 21.8)	33.5 (18.7, 48.3)
Heilongjiang	Yichun	6.3 (-0.6, 13.2)	11.3 (0.0, 22.6)	15.5 (1.7, 29.3)	8.0 (2.5, 13.5)	17.0 (9.8, 24.2)	39.6 (23.6, 55.5)
Heilongjiang	Jiamusi	5.5 (-0.7, 11.7)	9.6 (-1.4, 20.6)	13.2 (-0.3, 26.7)	6.4 (1.6, 11.1)	14.7 (7.1, 22.3)	35.2 (20.5, 49.8)
Heilongjiang	Qitaihe	5.7 (-0.7, 12.0)	9.9 (0.1, 19.7)	13.4 (1.5, 25.4)	6.5 (2.3, 10.8)	14.7 (7.6, 21.8)	33.9 (21.6, 46.3)
Heilongjiang	Mudanjiang	5.8 (-1.3, 12.9)	9.9 (-0.4, 20.2)	13.8 (1.0, 26.5)	6.4 (2.4, 10.4)	14.8 (7.3, 22.3)	34.5 (21.4, 47.6)
Heilongjiang	Heihe	6.2 (-0.5, 13.0)	11.6 (0.0, 23.1)	15.5 (1.5, 29.5)	8.5 (2.5, 14.6)	18.0 (7.9, 28.1)	41.9 (22.7, 61.2)
Heilongjiang	Suihua	5.5 (-1.6, 12.6)	9.8 (-1.5, 21.1)	13.3 (-1.3, 28.0)	6.0 (0.7, 11.3)	14.5 (4.7, 24.3)	36.4 (21.4, 51.3)
Heilongjiang	DaXingAnLing	6.9 (-1.6, 15.4)	13.1 (-0.2, 26.4)	17.5 (1.5, 33.4)	9.3 (2.4, 16.2)	20.0 (8.3, 31.7)	47.0 (25.5, 68.5)
<b>East</b>							
Shanghai	Shanghai	-1.0 (-3.1, 1.1)	-2.0 (-5.2, 1.1)	-2.9 (-7.0, 1.3)	-1.2 (-4.6, 2.1)	-3.1 (-7.0, 0.9)	-8.5 (-15.8, -1.2)
Jiangsu	Nanjing	-2.6 (-5.6, 0.4)	-5.1 (-10.3, 0.1)	-7.1 (-14.5, 0.3)	-3.2 (-8.8, 2.3)	-7.7 (-15.7, 0.2)	-18.8 (-30.8, -6.8)
Jiangsu	Wuxi	-2.9 (-6.4, 0.5)	-5.6 (-11.4, 0.2)	-7.9 (-15.3, -0.6)	-3.5 (-9.5, 2.6)	-8.6 (-17.3, 0.0)	-20.8 (-35.2, -6.3)
Jiangsu	Xuzhou	-2.0 (-5.9, 1.8)	-4.0 (-9.2, 1.3)	-5.9 (-13.3, 1.6)	-2.6 (-7.5, 2.3)	-5.9 (-12.9, 1.2)	-15.3 (-27.7, -2.9)
Jiangsu	Changzhou	-2.9 (-6.4, 0.5)	-5.6 (-11.4, 0.2)	-7.9 (-15.3, -0.6)	-3.5 (-9.5, 2.6)	-8.6 (-17.3, 0.0)	-20.8 (-35.2, -6.3)
Jiangsu	Suzhou	-3.0 (-6.9, 0.9)	-5.8 (-11.9, 0.3)	-8.2 (-16.8, 0.4)	-4.1 (-10.0, 1.8)	-9.0 (-17.9, -0.2)	-21.5 (-36.5, -6.5)
Jiangsu	Nantong	-2.4 (-5.6, 0.9)	-4.6 (-10.0, 0.9)	-6.5 (-13.5, 0.5)	-3.1 (-8.0, 1.8)	-7.2 (-14.9, 0.6)	-17.3 (-30.1, -4.5)
Jiangsu	Lianyungang	-1.2 (-5.4, 3.0)	-2.5 (-8.8, 3.8)	-4.1 (-12.3, 4.1)	-1.5 (-6.1, 3.1)	-4.0 (-10.8, 2.8)	-11.1 (-25.0, 2.8)
Jiangsu	Huai'an	-1.9 (-5.5, 1.8)	-3.8 (-9.4, 1.7)	-5.5 (-12.6, 1.7)	-2.8 (-8.3, 2.7)	-6.1 (-13.5, 1.4)	-15.1 (-27.0, -3.2)
Jiangsu	Yancheng	-2.2 (-5.9, 1.6)	-4.6 (-11.4, 2.1)	-6.7 (-15.2, 1.8)	-2.9 (-8.2, 2.4)	-7.1 (-15.8, 1.6)	-18.0 (-33.9, -2.2)
Jiangsu	Yangzhou	-2.0 (-5.2, 1.2)	-3.8 (-9.2, 1.6)	-5.3 (-12.1, 1.5)	-2.5 (-7.8, 2.8)	-5.7 (-12.6, 1.1)	-14.3 (-25.0, -3.5)
Jiangsu	Zhenjiang	-2.6 (-5.6, 0.4)	-5.1 (-10.3, 0.1)	-7.1 (-14.5, 0.3)	-3.2 (-8.8, 2.3)	-7.7 (-15.7, 0.2)	-18.8 (-30.8, -6.8)
Jiangsu	Taizhou	-2.0 (-5.2, 1.2)	-3.8 (-9.2, 1.6)	-5.3 (-12.1, 1.5)	-2.5 (-7.8, 2.8)	-5.7 (-12.6, 1.1)	-14.3 (-25.0, -3.5)
Jiangsu	Suqian	-1.9 (-5.5, 1.8)	-3.8 (-9.4, 1.7)	-5.5 (-12.6, 1.7)	-2.8 (-8.3, 2.7)	-6.1 (-13.5, 1.4)	-15.1 (-27.0, -3.2)
Zhejiang	Hangzhou	-3.0 (-7.6, 1.6)	-6.3 (-13.6, 1.1)	-9.1 (-19.0, 0.8)	-4.4 (-12.2, 3.4)	-9.9 (-20.6, 0.9)	-25.8 (-45.4, -6.3)
Zhejiang	Ningbo	-3.1 (-8.4, 2.2)	-6.2 (-14.7, 2.2)	-9.0 (-20.2, 2.2)	-4.1 (-11.2, 3.0)	-9.4 (-19.8, 1.0)	-26.1 (-47.0, -5.3)
Zhejiang	Wenzhou	-1.1 (-4.5, 2.3)	-2.9 (-8.2, 2.5)	-4.2 (-10.4, 1.9)	-1.9 (-7.1, 3.4)	-4.5 (-10.9, 1.9)	-14.3 (-26.8, -1.8)
Zhejiang	Jiaxing	-2.6 (-6.9, 1.8)	-5.2 (-12.8, 2.4)	-7.4 (-17.7, 3.0)	-3.6 (-10.2, 2.9)	-8.2 (-17.7, 1.3)	-21.7 (-39.5, -4.0)
Zhejiang	Huzhou	-2.9 (-7.3, 1.6)	-6.1 (-13.9, 1.7)	-8.9 (-19.6, 1.8)	-4.5 (-11.0, 2.1)	-9.8 (-20.9, 1.3)	-24.3 (-42.6, -6.1)
Zhejiang	Shaoxing	-2.9 (-7.5, 1.6)	-6.2 (-13.4, 1.1)	-8.9 (-18.6, 0.8)	-4.3 (-12.0, 3.4)	-9.7 (-20.3, 0.9)	-25.4 (-44.6, -6.2)
Zhejiang	Jinhua	-4.1 (-10.3, 2.0)	-8.6 (-16.9, -0.3)	-12.4 (-23.2, -1.6)	-6.0 (-14.7, 2.7)	-13.5 (-25.8, -1.2)	-33.7 (-56.2, -11.3)
Zhejiang	Quzhou	-3.4 (-8.5, 1.8)	-7.1 (-15.5, 1.3)	-10.5 (-21.1, 0.2)	-5.0 (-13.0, 3.0)	-11.3 (-23.7, 1.1)	-28.5 (-50.6, -6.3)
Zhejiang	Zhoushan	-2.5 (-6.6, 1.6)	-5.2 (-11.6, 1.2)	-7.6 (-17.5, 2.2)	-3.1 (-10.1, 3.9)	-7.8 (-17.3, 1.8)	-22.3 (-41.4, -3.2)
Zhejiang	Taizhou	-1.8 (-6.1, 2.5)	-4.0 (-9.9, 2.0)	-6.0 (-13.8, 1.9)	-2.5 (-7.8, 2.8)	-6.2 (-13.5, 1.0)	-19.2 (-35.3, -3.1)
Zhejiang	Lishui	-4.5 (-11.2, 2.1)	-9.2 (-17.8, -0.6)	-13.3 (-25.2, -1.5)	-6.0 (-14.4, 2.5)	-14.5 (-27.2, -1.9)	-37.5 (-62.2, -12.8)
Anhui	Hefei	-1.1 (-3.4, 1.2)	-2.1 (-5.2, 1.1)	-3.0 (-7.2, 1.2)	-1.2 (-5.0, 2.6)	-3.1 (-7.7, 1.5)	-8.3 (-15.1, -1.5)
Anhui	Wuhu	-1.0 (-3.3, 1.3)	-2.1 (-5.4, 1.2)	-3.1 (-7.5, 1.3)	-1.2 (-4.7, 2.3)	-3.2 (-7.8, 1.4)	-8.4 (-15.2, -1.7)
Anhui	Bengbu	-0.8 (-3.6, 2.1)	-1.6 (-5.3, 2.2)	-2.3 (-6.9, 2.3)	-1.0 (-4.9, 2.9)	-2.4 (-7.1, 2.3)	-6.7 (-14.3, 1.0)
Anhui	Huainan	-0.5 (-3.0, 2.1)	-0.9 (-4.3, 2.4)	-1.5 (-5.7, 2.7)	-0.7 (-4.4, 3.1)	-1.6 (-5.9, 2.8)	-4.9 (-11.8, 2.1)
Anhui	Ma'anshan	-0.9 (-3.0, 1.2)	-1.8 (-4.8, 1.2)	-2.5 (-6.5, 1.5)	-1.0 (-4.5, 2.4)	-2.7 (-7.1, 1.7)	-7.4 (-13.7, -1.1)
Anhui	Huaibei	-0.5 (-3.5, 2.5)	-0.9 (-4.1, 2.2)	-1.5 (-5.3, 2.2)	-0.5 (-3.6, 2.6)	-1.3 (-5.3, 2.8)	-4.7 (-11.3, 2.0)
Anhui	Tongling	-1.4 (-4.3, 1.5)	-2.8 (-6.8, 1.1)	-3.8 (-9.1, 1.4)	-1.6 (-5.7, 2.5)	-4.1 (-9.4, 1.2)	-10.7 (-18.8, -2.6)
Anhui	Anqing	-1.3 (-3.9, 1.4)	-2.6 (-6.2, 1.0)	-3.5 (-8.3, 1.3)	-1.5 (-5.2, 2.3)	-3.8 (-8.7, 1.1)	-9.8 (-17.3, -2.4)
Anhui	Huangshan	-1.2 (-4.1, 1.8)	-2.5 (-6.9, 1.9)	-3.7 (-8.9, 1.4)	-1.6 (-5.7, 2.5)	-3.9 (-9.5, 1.7)	-10.9 (-20.2, -1.6)
Anhui	Chuzhou	-0.8 (-3.1, 1.5)	-1.5 (-4.6, 1.6)	-2.2 (-6.0, 1.5)	-1.0 (-4.5, 2.5)	-2.3 (-6.5, 1.9)	-6.6 (-13.0, -0.1)
Anhui	Fuyang	-1.0 (-4.0, 2.1)	-1.5 (-5.4, 2.4)	-2.0 (-6.1, 2.0)	-0.9 (-4.4, 2.6)	-2.0 (-7.0, 2.9)	-6.2 (-14.1, 1.8)
Anhui	Suzhou	-0.5 (-3.5, 2.5)	-0.9 (-4.1, 2.2)	-1.5 (-5.3, 2.2)	-0.5 (-3.6, 2.6)	-1.3 (-5.3, 2.8)	-4.7 (-11.3, 2.0)
Anhui	Lu'an	-1.2 (-4.5, 2.0)	-2.1 (-6.0, 1.8)	-2.8 (-7.2, 1.6)	-1.2 (-4.9, 2.4)	-3.0 (-7.8, 1.8)	-8.2 (-15.6, -0.8)
Anhui	Bozhou	-0.7 (-3.2, 1.8)	-1.1 (-3.9, 1.8)	-1.6 (-5.0, 1.8)	-0.5 (-3.4, 2.3)	-1.5 (-5.7, 2.6)	-5.0 (-12.4, 2.4)



Anhui	Chizhou	-1.3 (-3.9, 1.4)	-2.6 (-6.2, 1.0)	-3.5 (-8.3, 1.3)	-1.5 (-5.2, 2.3)	-3.8 (-8.6, 1.1)	-9.8 (-17.1, -2.4)
Anhui	Xuancheng	-1.0 (-3.3, 1.4)	-2.0 (-5.3, 1.4)	-2.8 (-7.0, 1.4)	-1.0 (-5.1, 3.0)	-3.0 (-8.0, 2.1)	-8.4 (-16.0, -0.8)
Fujian	Fuzhou	4.2 (-2.0, 10.5)	5.7 (-3.6, 15.1)	6.9 (-4.5, 18.3)	3.2 (-1.7, 8.1)	6.7 (-2.9, 16.3)	4.3 (-14.6, 23.3)
Fujian	Xiamen	4.1 (0.1, 8.0)	5.7 (-2.0, 13.4)	7.1 (-1.4, 15.6)	3.7 (-1.6, 9.0)	6.9 (-0.8, 14.5)	4.9 (-7.1, 16.9)
Fujian	Putian	5.7 (-0.5, 11.9)	9.0 (-1.4, 19.4)	12.0 (-0.2, 24.1)	5.7 (0.4, 11.0)	11.6 (1.5, 21.6)	15.7 (0.6, 30.8)
Fujian	Sanming	7.5 (-1.4, 16.4)	9.9 (-4.9, 24.7)	13.4 (-3.7, 30.4)	6.4 (-3.4, 16.2)	13.3 (-4.3, 30.8)	12.7 (-18.8, 44.3)
Fujian	Quanzhou	5.6 (-0.5, 11.7)	8.8 (-1.3, 19.0)	11.7 (-0.2, 23.7)	5.6 (0.4, 10.8)	11.3 (1.5, 21.2)	15.4 (0.6, 30.2)
Fujian	Zhangzhou	3.3 (-0.4, 7.1)	4.5 (-2.9, 11.9)	5.6 (-2.4, 13.6)	3.1 (-1.3, 7.5)	5.6 (-1.2, 12.5)	2.6 (-9.5, 14.7)
Fujian	Nanping	6.3 (-4.1, 16.7)	8.5 (-5.7, 22.7)	11.5 (-5.9, 29.0)	5.4 (-3.1, 14.0)	11.4 (-4.1, 27.0)	11.2 (-18.7, 41.1)
Fujian	Longyan	4.9 (0.0, 9.7)	7.6 (-1.1, 16.4)	9.9 (-0.3, 20.1)	5.1 (-1.2, 11.4)	10.6 (-1.2, 22.5)	13.0 (-6.7, 32.7)
Fujian	Ningde	13.1 (-1.6, 27.8)	23.0 (4.1, 41.9)	32.6 (7.5, 57.8)	15.4 (0.3, 30.6)	33.8 (9.7, 57.8)	63.7 (21.5, 106.0)
Jiangxi	Nanchang	0.7 (-1.6, 3.0)	0.8 (-1.5, 3.1)	0.9 (-1.5, 3.3)	0.5 (-1.7, 2.7)	1.1 (-1.9, 4.0)	0.5 (-3.7, 4.7)
Jiangxi	Jingdezhen	0.7 (-1.2, 2.5)	0.9 (-1.8, 3.6)	1.1 (-1.9, 4.0)	0.6 (-2.0, 3.2)	1.2 (-2.1, 4.5)	0.5 (-4.6, 5.6)
Jiangxi	Pingxiang	0.9 (-1.3, 3.1)	1.5 (-1.8, 4.8)	1.7 (-1.4, 4.7)	0.9 (-1.5, 3.2)	1.9 (-1.1, 5.0)	1.7 (-3.0, 6.3)
Jiangxi	Jiujiang	5.2 (-1.4, 11.9)	9.5 (1.8, 17.1)	12.7 (2.4, 22.9)	6.1 (0.6, 11.7)	13.5 (5.0, 22.0)	24.9 (11.9, 37.9)
Jiangxi	Xinyu	0.9 (-1.3, 3.1)	1.5 (-1.8, 4.8)	1.7 (-1.4, 4.7)	0.9 (-1.5, 3.2)	1.9 (-1.1, 5.0)	1.7 (-3.0, 6.3)
Jiangxi	Yingtian	0.5 (-1.1, 2.2)	0.6 (-2.3, 3.4)	0.7 (-2.1, 3.5)	0.2 (-2.3, 2.8)	0.6 (-2.9, 4.1)	-0.6 (-6.0, 4.8)
Jiangxi	Ganzhou	0.4 (-1.7, 2.6)	0.6 (-2.0, 3.3)	0.7 (-1.7, 3.0)	0.3 (-2.0, 2.5)	0.7 (-2.1, 3.6)	-0.8 (-5.1, 3.6)
Jiangxi	Ji'an	0.6 (-1.6, 2.8)	1.0 (-2.2, 4.2)	1.0 (-2.2, 4.1)	0.6 (-1.9, 3.1)	1.2 (-2.0, 4.5)	0.2 (-4.7, 5.1)
Jiangxi	Yichun	0.8 (-1.3, 3.0)	1.5 (-1.7, 4.6)	1.6 (-1.3, 4.5)	0.8 (-1.4, 3.1)	1.9 (-1.0, 4.8)	1.6 (-2.8, 6.1)
Jiangxi	Fuzhou	0.8 (-1.1, 2.7)	1.2 (-2.0, 4.5)	1.4 (-1.5, 4.3)	0.7 (-1.6, 3.1)	1.6 (-1.3, 4.5)	0.9 (-3.8, 5.7)
Jiangxi	Shangrao	0.5 (-1.2, 2.2)	0.8 (-1.9, 3.5)	1.0 (-1.7, 3.6)	0.6 (-1.8, 3.0)	1.1 (-1.8, 3.9)	0.4 (-4.3, 5.1)
Shandong	Jinan	1.6 (-1.5, 4.7)	2.7 (-0.6, 6.0)	3.6 (-0.3, 7.6)	2.2 (-0.5, 4.9)	4.3 (1.3, 7.3)	7.8 (2.9, 12.6)
Shandong	Qingdao	1.6 (-1.3, 4.4)	2.7 (-0.5, 5.9)	3.6 (-0.4, 7.5)	1.9 (-0.5, 4.4)	4.0 (0.9, 7.1)	7.3 (2.7, 11.9)
Shandong	Zibo	1.8 (-1.4, 5.0)	3.1 (-0.5, 6.7)	4.0 (-0.1, 8.1)	2.1 (-0.6, 4.8)	4.6 (1.0, 8.2)	8.5 (2.8, 14.3)
Shandong	Zaozhuang	1.3 (-1.4, 4.0)	2.2 (-0.5, 4.9)	2.9 (0.0, 5.8)	1.6 (-0.7, 3.8)	3.4 (0.3, 6.5)	6.0 (1.4, 10.6)
Shandong	Dongying	1.8 (-1.2, 4.8)	2.9 (-0.4, 6.2)	3.8 (-0.3, 8.0)	2.1 (-0.7, 4.9)	4.3 (1.0, 7.6)	7.9 (2.6, 13.2)
Shandong	Yantai	1.7 (-1.7, 5.1)	2.8 (-1.0, 6.5)	3.6 (-0.6, 7.8)	2.0 (-1.0, 5.1)	4.1 (0.9, 7.2)	7.2 (2.4, 12.0)
Shandong	Weifang	1.5 (-1.2, 4.2)	2.5 (-0.6, 5.6)	3.5 (-0.1, 7.1)	1.9 (-0.6, 4.4)	3.8 (0.6, 6.9)	6.7 (1.9, 11.5)
Shandong	Jining	1.3 (-1.4, 4.0)	2.2 (-0.5, 4.9)	2.9 (0.0, 5.8)	1.6 (-0.7, 3.8)	3.4 (0.3, 6.5)	6.0 (1.4, 10.6)
Shandong	Tai'an	4.5 (-1.7, 10.6)	8.0 (0.9, 15.0)	10.8 (0.8, 20.7)	5.6 (0.5, 10.6)	12.1 (4.2, 19.9)	24.2 (11.7, 36.7)
Shandong	Weihai	1.7 (-1.7, 5.1)	2.8 (-1.0, 6.5)	3.6 (-0.6, 7.8)	2.0 (-1.0, 5.1)	4.1 (0.9, 7.2)	7.2 (2.4, 12.0)
Shandong	Rizhao	1.4 (-1.7, 4.6)	2.6 (-0.7, 6.0)	3.4 (-0.9, 7.7)	1.9 (-0.5, 4.2)	3.9 (0.8, 6.9)	7.2 (2.9, 11.5)
Shandong	Laiwu	1.6 (-1.5, 4.7)	2.7 (-0.6, 6.0)	3.6 (-0.3, 7.6)	2.2 (-0.5, 4.9)	4.3 (1.3, 7.3)	7.8 (2.9, 12.6)
Shandong	Linyi	1.6 (-1.7, 4.9)	2.8 (-0.6, 6.1)	3.7 (0.0, 7.4)	2.0 (-0.5, 4.5)	4.2 (0.7, 7.8)	7.9 (2.5, 13.3)
Shandong	Dezhou	1.4 (-1.3, 4.0)	2.4 (-0.5, 5.3)	3.3 (-0.3, 6.8)	1.9 (-0.7, 4.5)	3.9 (0.8, 7.0)	6.9 (1.5, 12.3)
Shandong	Liaocheng	1.4 (-1.3, 4.1)	2.4 (-0.4, 5.3)	3.2 (-0.1, 6.4)	1.7 (-0.7, 4.0)	3.6 (0.8, 6.5)	6.4 (1.6, 11.1)
Shandong	Binzhou	1.8 (-1.2, 4.8)	2.9 (-0.4, 6.2)	3.8 (-0.3, 8.0)	2.1 (-0.7, 4.9)	4.3 (1.0, 7.6)	7.9 (2.6, 13.2)
Shandong	Heze	1.4 (-1.3, 4.1)	2.4 (-0.4, 5.3)	3.2 (-0.1, 6.4)	1.7 (-0.7, 4.0)	3.6 (0.8, 6.5)	6.4 (1.6, 11.1)
<b>Central region</b>							
Henan	Zhengzhou	-0.9 (-4.1, 2.3)	-1.5 (-5.4, 2.5)	-1.6 (-6.0, 2.7)	-1.0 (-5.1, 3.1)	-2.3 (-7.3, 2.7)	-6.0 (-14.4, 2.4)
Henan	Kaifeng	-0.9 (-4.4, 2.7)	-1.3 (-5.2, 2.6)	-1.7 (-6.5, 3.1)	-0.5 (-4.1, 3.2)	-1.9 (-6.5, 2.7)	-5.4 (-13.6, 2.9)
Henan	Luoyang	-0.3 (-3.5, 2.9)	-0.1 (-3.5, 3.3)	0.0 (-3.7, 3.6)	0.2 (-3.3, 3.7)	-0.1 (-4.7, 4.5)	-1.9 (-8.4, 4.5)
Henan	Pingdingshan	-1.2 (-4.1, 1.7)	-2.0 (-5.7, 1.6)	-2.6 (-7.2, 2.0)	-1.2 (-4.8, 2.4)	-3.2 (-7.9, 1.5)	-8.1 (-16.1, 0.0)
Henan	Anyang	-0.4 (-4.5, 3.7)	-0.8 (-4.7, 3.1)	-1.1 (-6.2, 3.9)	-0.1 (-4.0, 3.8)	-1.0 (-5.8, 3.8)	-4.2 (-12.5, 4.1)
Henan	Hebi	-0.4 (-4.5, 3.7)	-0.8 (-4.7, 3.1)	-1.1 (-6.2, 3.9)	-0.1 (-4.0, 3.8)	-1.0 (-5.8, 3.8)	-4.2 (-12.5, 4.1)
Henan	Xinxiang	-0.8 (-4.0, 2.4)	-1.3 (-5.0, 2.5)	-1.4 (-6.1, 3.2)	-0.4 (-4.4, 3.6)	-1.4 (-6.1, 3.3)	-4.5 (-12.2, 3.3)
Henan	Jiaozuo	-0.8 (-4.0, 2.4)	-1.3 (-5.0, 2.5)	-1.4 (-6.1, 3.2)	-0.4 (-4.4, 3.6)	-1.4 (-6.1, 3.3)	-4.5 (-12.2, 3.3)
Henan	Puyang	0.1 (-3.4, 3.7)	0.0 (-4.5, 4.5)	-0.1 (-5.0, 4.7)	-0.2 (-3.9, 3.5)	-0.5 (-5.3, 4.4)	-2.6 (-10.5, 5.3)
Henan	Xuchang	-1.0 (-3.8, 1.8)	-2.0 (-6.0, 2.0)	-2.5 (-7.1, 2.1)	-1.2 (-4.9, 2.5)	-3.0 (-8.4, 2.5)	-7.4 (-16.2, 1.5)
Henan	Luohe	-0.7 (-3.9, 2.5)	-1.5 (-5.2, 2.2)	-2.0 (-6.7, 2.7)	-0.9 (-4.6, 2.9)	-2.5 (-7.3, 2.3)	-6.9 (-15.4, 1.7)
Henan	Sanmenxia	-0.8 (-3.7, 2.1)	-1.5 (-5.1, 2.1)	-1.9 (-5.8, 1.9)	-0.9 (-4.9, 3.0)	-2.5 (-7.6, 2.7)	-6.8 (-15.2, 1.6)
Henan	Nanyang	-0.9 (-4.3, 2.4)	-2.1 (-6.1, 2.0)	-2.7 (-8.6, 3.2)	-1.2 (-4.9, 2.4)	-3.2 (-8.0, 1.6)	-8.1 (-16.1, -0.2)
Henan	Shangqiu	-0.8 (-4.0, 2.5)	-1.4 (-5.3, 2.5)	-1.8 (-6.5, 2.9)	-0.7 (-4.5, 3.1)	-1.8 (-6.9, 3.2)	-5.8 (-13.7, 2.2)
Henan	Xinyang	-1.6 (-5.1, 2.0)	-3.0 (-8.0, 2.1)	-3.8 (-9.7, 2.1)	-1.6 (-5.8, 2.5)	-4.2 (-10.2, 1.8)	-10.6 (-20.9, -0.2)
Henan	Zhoukou	-0.7 (-3.9, 2.5)	-1.5 (-5.2, 2.2)	-2.0 (-6.7, 2.7)	-0.9 (-4.6, 2.9)	-2.5 (-7.3, 2.3)	-6.9 (-15.4, 1.7)
Henan	Zhumadian	-1.5 (-5.6, 2.6)	-2.6 (-7.6, 2.5)	-3.2 (-9.2, 2.9)	-1.3 (-5.7, 3.2)	-3.5 (-9.4, 2.4)	-8.9 (-18.9, 1.1)
Henan	Jiyuan	-0.3 (-3.5, 2.9)	-0.1 (-3.5, 3.3)	0.0 (-3.7, 3.6)	0.2 (-3.3, 3.7)	-0.1 (-4.7, 4.5)	-1.9 (-8.4, 4.5)
Hubei	Wuhan	-2.3 (-7.0, 2.4)	-4.9 (-11.0, 1.3)	-7.0 (-15.1, 1.2)	-2.8 (-8.4, 2.8)	-7.3 (-17.0, 2.3)	-18.0 (-32.1, -4.0)
Hubei	Huangshi	-2.7 (-7.5, 2.1)	-6.2 (-12.5, 0.1)	-8.5 (-18.0, 0.9)	-4.1 (-9.7, 1.5)	-9.5 (-19.6, 0.5)	-22.0 (-37.1, -7.0)

Hubei	Shiyan	-1.1 (-4.4, 2.3)	-2.4 (-6.2, 1.4)	-3.6 (-9.9, 2.7)	-1.5 (-5.3, 2.4)	-3.9 (-8.9, 1.0)	-10.7 (-19.3, -2.1)
Hubei	Yichang	-2.9 (-8.0, 2.3)	-5.7 (-11.6, 0.2)	-8.1 (-17.6, 1.3)	-3.9 (-8.8, 1.0)	-9.0 (-16.8, -1.2)	-21.2 (-33.8, -8.6)
Hubei	Xiangyang	-2.0 (-5.9, 1.9)	-3.9 (-9.0, 1.3)	-5.6 (-14.0, 2.9)	-2.5 (-7.2, 2.2)	-6.2 (-13.3, 1.0)	-14.7 (-25.9, -3.5)
Hubei	Ezhou	-2.7 (-7.5, 2.1)	-6.2 (-12.5, 0.1)	-8.5 (-18.0, 0.9)	-4.1 (-9.7, 1.5)	-9.5 (-19.6, 0.5)	-22.0 (-37.1, -7.0)
Hubei	Jingmen	-2.4 (-7.0, 2.2)	-4.7 (-10.3, 0.8)	-6.7 (-15.3, 1.8)	-3.0 (-7.8, 1.9)	-7.3 (-14.9, 0.2)	-17.8 (-29.0, -6.5)
Hubei	Xiaogan	-2.4 (-7.5, 2.6)	-5.2 (-11.8, 1.4)	-7.4 (-16.1, 1.2)	-3.0 (-9.0, 2.9)	-7.8 (-18.1, 2.4)	-19.3 (-34.3, -4.3)
Hubei	Jingzhou	-2.1 (-7.5, 3.2)	-4.6 (-10.3, 1.2)	-6.8 (-14.5, 1.0)	-2.8 (-6.7, 1.2)	-6.8 (-12.9, -0.8)	-17.8 (-27.6, -8.1)
Hubei	Huanggang	-2.7 (-7.5, 2.1)	-6.2 (-12.5, 0.1)	-8.5 (-18.0, 0.9)	-4.1 (-9.7, 1.5)	-9.5 (-19.6, 0.5)	-22.0 (-37.1, -7.0)
Hubei	Xianning	-2.9 (-7.8, 1.9)	-6.2 (-12.7, 0.3)	-8.6 (-18.0, 0.8)	-3.6 (-9.5, 2.3)	-9.1 (-19.3, 1.1)	-21.6 (-36.4, -6.9)
Hubei	Suizhou	-1.8 (-5.3, 1.8)	-3.7 (-8.3, 0.8)	-5.2 (-12.8, 2.4)	-2.4 (-7.1, 2.3)	-5.7 (-12.5, 1.2)	-13.8 (-24.2, -3.4)
Hubei	Enshi	-2.6 (-7.0, 1.7)	-5.4 (-10.5, -0.2)	-7.6 (-14.0, -1.2)	-3.7 (-7.4, 0.0)	-8.0 (-14.7, -1.3)	-19.6 (-31.5, -7.7)
Hubei	Xiantao	-2.2 (-7.3, 3.0)	-4.4 (-10.3, 1.4)	-6.8 (-14.2, 0.6)	-2.8 (-6.9, 1.4)	-6.7 (-12.9, -0.6)	-17.4 (-26.8, -8.0)
Hubei	Qianjiang	-2.2 (-7.3, 3.0)	-4.4 (-10.3, 1.4)	-6.8 (-14.2, 0.6)	-2.8 (-6.9, 1.4)	-6.7 (-12.9, -0.6)	-17.4 (-26.8, -8.0)
Hubei	Tianmen	-2.2 (-7.4, 3.0)	-4.5 (-10.5, 1.5)	-6.9 (-14.4, 0.6)	-2.8 (-7.0, 1.4)	-6.8 (-13.1, -0.6)	-17.7 (-27.2, -8.2)
Hubei	Shennongjia	-1.3 (-5.3, 2.7)	-2.8 (-7.4, 1.7)	-4.3 (-11.8, 3.1)	-1.8 (-6.4, 2.9)	-4.7 (-10.6, 1.2)	-12.7 (-23.0, -2.5)
Hunan	Changsha	0.3 (-3.3, 3.8)	0.0 (-3.7, 3.7)	-0.5 (-4.2, 3.2)	0.0 (-2.3, 2.3)	-0.4 (-3.4, 2.6)	-3.2 (-7.5, 1.2)
Hunan	Zhuzhou	2.3 (-0.9, 5.4)	4.0 (-0.3, 8.3)	5.2 (1.0, 9.5)	2.9 (-0.4, 6.1)	5.9 (1.6, 10.1)	9.5 (2.3, 16.7)
Hunan	Xiangtan	2.3 (-0.9, 5.4)	4.0 (-0.3, 8.3)	5.2 (1.0, 9.5)	2.9 (-0.4, 6.1)	5.9 (1.6, 10.1)	9.5 (2.3, 16.7)
Hunan	Hengyang	-0.3 (-3.5, 2.8)	-0.9 (-4.7, 2.8)	-1.5 (-5.2, 2.2)	-0.5 (-3.3, 2.3)	-1.6 (-5.4, 2.2)	-5.6 (-10.8, -0.4)
Hunan	Shaoyang	0.0 (-2.7, 2.7)	-0.2 (-3.5, 3.1)	-0.7 (-3.9, 2.5)	-0.1 (-2.5, 2.2)	-0.6 (-4.0, 2.8)	-3.2 (-7.7, 1.4)
Hunan	Yueyang	-0.1 (-3.4, 3.2)	-0.4 (-3.4, 2.7)	-1.0 (-4.3, 2.4)	-0.2 (-2.1, 1.7)	-0.7 (-3.2, 1.9)	-3.2 (-7.0, 0.5)
Hunan	Changde	-0.1 (-3.3, 3.2)	-0.3 (-3.5, 2.9)	-0.8 (-4.2, 2.5)	-0.1 (-2.2, 1.9)	-0.8 (-3.7, 2.1)	-3.3 (-7.8, 1.2)
Hunan	Zhangjiajie	-0.2 (-2.9, 2.5)	-0.3 (-3.0, 2.5)	-0.8 (-3.6, 2.1)	-0.2 (-2.4, 2.1)	-0.6 (-3.8, 2.6)	-3.1 (-7.5, 1.2)
Hunan	Yiyang	0.0 (-3.3, 3.3)	-0.2 (-3.6, 3.2)	-0.8 (-4.2, 2.7)	-0.1 (-2.4, 2.1)	-0.7 (-3.6, 2.3)	-3.3 (-7.8, 1.2)
Hunan	Chenzhou	-0.5 (-3.8, 2.7)	-1.2 (-5.0, 2.6)	-2.1 (-6.2, 2.0)	-0.9 (-3.6, 1.9)	-2.0 (-6.3, 2.3)	-6.7 (-13.1, -0.3)
Hunan	Yongzhou	-0.4 (-3.0, 2.2)	-0.9 (-3.9, 2.2)	-1.4 (-4.7, 1.9)	-0.6 (-3.1, 2.0)	-1.5 (-5.1, 2.1)	-5.0 (-10.3, 0.2)
Hunan	Huaihua	0.1 (-2.6, 2.7)	0.1 (-3.5, 3.6)	-0.4 (-3.0, 2.2)	-0.1 (-2.4, 2.3)	-0.2 (-3.9, 3.4)	-2.4 (-7.9, 3.0)
Hunan	Loudi	0.0 (-3.2, 3.1)	-0.2 (-4.1, 3.6)	-0.8 (-4.4, 2.7)	-0.2 (-2.6, 2.2)	-0.6 (-4.2, 3.0)	-3.5 (-8.3, 1.3)
Hunan	Xiangxi	0.0 (-2.4, 2.5)	-0.3 (-3.1, 2.5)	-0.6 (-3.7, 2.4)	-0.2 (-2.6, 2.1)	-0.6 (-4.0, 2.8)	-3.3 (-8.2, 1.6)
<b>South</b>							
Guangdong	Guangzhou	3.7 (-0.6, 8.0)	6.1 (0.5, 11.6)	8.5 (1.7, 15.2)	4.1 (0.1, 8.1)	8.9 (1.8, 16.1)	14.5 (4.1, 24.9)
Guangdong	Shaoguan	3.7 (-0.5, 7.9)	6.2 (0.2, 12.2)	8.3 (1.1, 15.6)	4.1 (0.0, 8.2)	8.8 (0.9, 16.8)	14.9 (2.6, 27.2)
Guangdong	Shenzhen	3.7 (-0.1, 7.6)	6.1 (0.8, 11.4)	8.2 (1.8, 14.5)	4.3 (0.3, 8.3)	8.9 (1.9, 15.9)	12.9 (3.1, 22.6)
Guangdong	Zhuhai	3.7 (-0.1, 7.6)	6.1 (0.8, 11.4)	8.2 (1.8, 14.5)	4.3 (0.3, 8.3)	8.9 (1.9, 15.9)	12.9 (3.1, 22.6)
Guangdong	Shantou	4.9 (0.5, 9.2)	7.6 (1.7, 13.5)	10.4 (2.6, 18.1)	5.0 (0.2, 9.8)	10.7 (2.8, 18.6)	16.9 (5.3, 28.4)
Guangdong	Foshan	3.7 (-0.6, 8.0)	6.1 (0.5, 11.6)	8.5 (1.7, 15.2)	4.1 (0.1, 8.1)	8.9 (1.8, 16.1)	14.5 (4.1, 24.9)
Guangdong	Jiangmen	4.3 (-0.8, 9.4)	7.4 (-1.0, 15.8)	10.3 (0.6, 20.1)	5.1 (-0.2, 10.4)	11.0 (2.0, 20.0)	15.9 (6.7, 25.1)
Guangdong	Zhanjiang	3.5 (-1.7, 8.7)	5.8 (-1.7, 13.3)	7.7 (-0.6, 16.0)	3.5 (-1.1, 8.1)	8.0 (0.3, 15.7)	11.1 (2.8, 19.4)
Guangdong	Maoming	3.7 (-0.7, 8.0)	6.3 (-0.6, 13.2)	8.5 (0.4, 16.7)	3.9 (-0.7, 8.5)	8.8 (1.0, 16.6)	13.4 (4.5, 22.3)
Guangdong	Zhaoqing	3.5 (-0.7, 7.6)	5.9 (0.0, 11.7)	7.9 (1.2, 14.6)	4.1 (0.4, 7.7)	8.6 (1.5, 15.8)	14.0 (3.9, 24.2)
Guangdong	Huizhou	3.9 (-0.2, 8.0)	6.5 (0.9, 12.1)	8.9 (2.0, 15.7)	4.4 (0.1, 8.8)	9.5 (1.6, 17.4)	14.7 (3.9, 25.4)
Guangdong	Meizhou	4.0 (0.3, 7.6)	6.4 (0.9, 12.0)	8.9 (2.1, 15.6)	4.2 (-0.5, 9.0)	9.4 (0.9, 18.0)	14.6 (2.5, 26.8)
Guangdong	Shanwei	4.2 (-0.1, 8.4)	6.7 (1.2, 12.2)	9.2 (2.3, 16.1)	4.7 (0.3, 9.1)	9.8 (2.6, 16.9)	15.4 (5.2, 25.7)
Guangdong	Heyuan	4.1 (0.1, 8.1)	6.7 (1.3, 12.2)	9.1 (2.1, 16.0)	4.5 (-0.1, 9.0)	9.5 (1.5, 17.6)	15.0 (3.4, 26.5)
Guangdong	Yangjiang	4.2 (-0.8, 9.3)	7.4 (-1.2, 15.9)	10.0 (0.3, 19.6)	4.8 (-0.2, 9.8)	10.6 (1.8, 19.4)	15.4 (6.9, 24.0)
Guangdong	Qingyuan	4.2 (0.0, 8.4)	7.1 (1.3, 12.8)	9.8 (2.7, 16.8)	4.6 (0.4, 8.8)	10.3 (2.5, 18.2)	17.5 (5.7, 29.3)
Guangdong	Dongguan	4.1 (-0.3, 8.5)	6.8 (1.0, 12.6)	9.3 (2.3, 16.2)	4.5 (0.5, 8.6)	9.9 (2.4, 17.5)	16.2 (5.8, 26.6)
Guangdong	Zhongshan	4.3 (-0.8, 9.4)	7.4 (-1.0, 15.8)	10.3 (0.6, 20.1)	5.1 (-0.2, 10.4)	11.0 (2.0, 20.0)	15.9 (6.7, 25.1)
Guangdong	Chaozhou	4.9 (0.5, 9.2)	7.6 (1.7, 13.5)	10.4 (2.6, 18.1)	5.0 (0.2, 9.8)	10.7 (2.8, 18.6)	16.9 (5.3, 28.4)
Guangdong	Jieyang	4.9 (0.5, 9.2)	7.6 (1.7, 13.5)	10.4 (2.6, 18.1)	5.0 (0.2, 9.8)	10.7 (2.8, 18.6)	16.9 (5.3, 28.4)
Guangdong	Yunfu	3.5 (-0.7, 7.6)	5.9 (0.0, 11.7)	7.9 (1.2, 14.6)	4.1 (0.4, 7.7)	8.6 (1.5, 15.8)	14.0 (3.9, 24.2)
Guangxi	Nanning	1.5 (-2.1, 5.2)	2.8 (-2.5, 8.2)	3.5 (-1.1, 8.2)	1.6 (-1.5, 4.7)	3.4 (-2.4, 9.1)	3.6 (-5.7, 12.8)
Guangxi	Liuzhou	1.4 (-1.2, 3.9)	2.3 (-1.5, 6.2)	3.2 (-1.3, 7.7)	1.4 (-2.0, 4.8)	3.0 (-3.0, 9.1)	2.8 (-8.2, 13.7)
Guangxi	Guilin	1.8 (-0.9, 4.4)	3.2 (-2.0, 8.4)	4.0 (-0.1, 8.1)	2.3 (-0.7, 5.4)	4.4 (-1.5, 10.4)	5.5 (-5.4, 16.3)
Guangxi	Wuzhou	2.1 (-1.7, 5.9)	3.3 (-2.5, 9.2)	4.3 (-1.0, 9.5)	2.4 (-1.2, 5.9)	4.7 (-2.3, 11.7)	5.2 (-5.7, 16.0)
Guangxi	Beihai	1.7 (-2.5, 6.0)	3.0 (-3.1, 9.1)	3.6 (-2.3, 9.5)	1.9 (-1.8, 5.6)	3.8 (-1.8, 9.4)	1.9 (-7.5, 11.3)
Guangxi	Fangchenggang	1.8 (-2.0, 5.6)	3.4 (-2.2, 8.9)	4.4 (-1.1, 9.9)	1.8 (-1.4, 5.0)	4.4 (-0.8, 9.5)	4.5 (-5.7, 14.7)
Guangxi	Qinzhou	2.1 (-2.2, 6.3)	3.5 (-2.7, 9.7)	4.6 (-1.3, 10.5)	2.2 (-1.5, 6.0)	4.6 (-1.6, 10.8)	4.2 (-4.3, 12.6)
Guangxi	Guigang	1.6 (-1.3, 4.5)	2.6 (-2.3, 7.6)	3.7 (-1.2, 8.6)	1.6 (-1.3, 4.6)	3.7 (-2.3, 9.7)	4.4 (-6.5, 15.3)
Guangxi	Yulin	2.0 (-1.3, 5.3)	3.4 (-1.5, 8.2)	4.6 (-0.6, 9.7)	2.1 (-1.3, 5.6)	4.7 (-1.2, 10.6)	5.9 (-3.8, 15.7)

Guangxi	Baise	0.9 (-2.6, 4.4)	1.7 (-3.3, 6.7)	1.9 (-2.8, 6.5)	1.0 (-1.9, 3.9)	2.0 (-3.3, 7.2)	0.3 (-9.5, 10.0)
Guangxi	Hezhou	1.9 (-1.8, 5.5)	3.1 (-2.5, 8.7)	4.0 (-1.1, 9.2)	2.2 (-1.4, 5.9)	4.3 (-2.6, 11.3)	5.1 (-6.1, 16.2)
Guangxi	Hechi	1.8 (-1.8, 5.4)	3.0 (-2.0, 8.0)	3.6 (-1.2, 8.4)	1.8 (-1.3, 4.9)	3.3 (-2.4, 9.0)	3.4 (-7.0, 13.9)
Guangxi	Laibin	1.8 (-1.1, 4.7)	3.2 (-1.6, 7.9)	4.1 (-0.7, 9.0)	1.9 (-1.5, 5.3)	4.1 (-1.9, 10.1)	4.9 (-6.6, 16.3)
Guangxi	Chongzuo	1.7 (-1.6, 5.0)	3.1 (-2.4, 8.6)	3.8 (-1.5, 9.1)	1.5 (-1.1, 4.1)	3.5 (-1.5, 8.4)	3.8 (-4.1, 11.7)
Hainan	Haikou	-0.7 (-4.6, 3.1)	-3.1 (-10.5, 4.2)	-5.1 (-16.0, 5.8)	-2.3 (-5.8, 1.3)	-6.1 (-14.4, 2.2)	-20.1 (-38.9, -1.3)
Hainan	Sanya	-2.2 (-5.9, 1.5)	-5.1 (-11.5, 1.4)	-7.9 (-18.7, 2.8)	-2.9 (-6.5, 0.6)	-8.4 (-18.2, 1.3)	-24.7 (-50.1, 0.6)
Hainan	Wuzhishan	1.0 (-2.7, 4.7)	0.4 (-4.7, 5.5)	-0.5 (-8.5, 7.5)	0.5 (-2.9, 4.0)	-0.9 (-7.5, 5.8)	-12.6 (-34.8, 9.6)
Hainan	Qionghai	-1.2 (-4.8, 2.4)	-3.6 (-9.3, 2.1)	-5.7 (-15.5, 4.0)	-2.2 (-5.6, 1.3)	-6.4 (-14.2, 1.4)	-21.5 (-43.8, 0.8)
Hainan	Danzhou	-0.9 (-4.8, 3.1)	-2.9 (-9.1, 3.3)	-4.8 (-15.3, 5.8)	-1.6 (-4.6, 1.5)	-5.1 (-13.7, 3.5)	-18.6 (-43.2, 6.0)
Hainan	Wenchang	-1.2 (-4.8, 2.4)	-3.6 (-9.3, 2.1)	-5.7 (-15.5, 4.0)	-2.2 (-5.6, 1.3)	-6.4 (-14.2, 1.4)	-21.5 (-43.8, 0.8)
Hainan	Wanning	-1.2 (-4.9, 2.5)	-3.7 (-9.5, 2.1)	-5.8 (-15.8, 4.1)	-2.2 (-5.7, 1.3)	-6.5 (-14.5, 1.5)	-21.9 (-44.6, 0.8)
Hainan	Dongfang	-1.1 (-5.6, 3.3)	-3.7 (-10.7, 3.2)	-5.9 (-17.6, 5.8)	-2.2 (-5.1, 0.6)	-6.7 (-16.3, 2.9)	-21.8 (-49.5, 6.0)
Hainan	Ding'an	-0.8 (-4.7, 3.2)	-3.2 (-10.7, 4.3)	-5.2 (-16.3, 5.9)	-2.3 (-6.0, 1.3)	-6.3 (-14.7, 2.2)	-20.5 (-39.7, -1.3)
Hainan	Tunchang	-1.3 (-5.3, 2.6)	-3.9 (-10.2, 2.3)	-6.3 (-16.9, 4.4)	-2.4 (-6.2, 1.4)	-7.0 (-15.6, 1.6)	-23.6 (-48.0, 0.8)
Hainan	Chengmai	-0.7 (-4.6, 3.1)	-3.1 (-10.5, 4.2)	-5.1 (-16.0, 5.8)	-2.3 (-5.8, 1.3)	-6.1 (-14.4, 2.2)	-20.1 (-38.9, -1.3)
Hainan	Lingao	-0.9 (-5.1, 3.2)	-3.0 (-9.6, 3.5)	-5.0 (-16.1, 6.1)	-1.7 (-4.9, 1.5)	-5.4 (-14.5, 3.7)	-19.6 (-45.6, 6.3)
Hainan	Baisha	-0.9 (-4.9, 3.1)	-2.9 (-9.3, 3.4)	-4.9 (-15.6, 5.9)	-1.6 (-4.7, 1.5)	-5.2 (-14.0, 3.6)	-19.0 (-44.1, 6.1)
Hainan	Changjiang	-1.1 (-5.6, 3.3)	-3.7 (-10.7, 3.2)	-5.9 (-17.6, 5.8)	-2.2 (-5.1, 0.6)	-6.7 (-16.3, 2.9)	-21.8 (-49.5, 6.0)
Hainan	Ledong	-2.2 (-5.9, 1.5)	-5.1 (-11.5, 1.4)	-7.9 (-18.7, 2.8)	-2.9 (-6.5, 0.6)	-8.4 (-18.2, 1.3)	-24.7 (-50.1, 0.6)
Hainan	Lingshui	-1.6 (-5.5, 2.2)	-3.9 (-10.3, 2.4)	-6.6 (-16.2, 2.9)	-2.1 (-5.8, 1.5)	-6.8 (-15.7, 2.1)	-24.8 (-50.3, 0.7)
Hainan	Baoting	-1.7 (-5.8, 2.4)	-4.2 (-10.9, 2.5)	-7.0 (-17.2, 3.1)	-2.3 (-6.2, 1.6)	-7.2 (-16.6, 2.2)	-26.2 (-53.2, 0.8)
Hainan	Qiongzong	1.0 (-2.7, 4.7)	0.4 (-4.7, 5.5)	-0.5 (-8.5, 7.5)	0.5 (-2.9, 4.0)	-0.9 (-7.5, 5.8)	-12.6 (-34.8, 9.6)
<b>Southwest</b>							
Chongqing	Chongqing	0.3 (-2.6, 3.1)	0.4 (-2.6, 3.3)	0.1 (-2.9, 3.2)	0.3 (-1.5, 2.2)	0.4 (-2.4, 3.2)	-1.5 (-5.8, 2.7)
Sichuan	Chengdu	0.0 (-2.6, 2.7)	0.5 (-2.4, 3.3)	-0.1 (-3.4, 3.3)	0.3 (-2.3, 2.8)	0.3 (-2.9, 3.4)	-2.3 (-8.5, 3.9)
Sichuan	Zigong	-1.0 (-5.4, 3.3)	-1.9 (-7.0, 3.1)	-3.5 (-9.3, 2.3)	-1.4 (-4.8, 2.1)	-3.3 (-8.8, 2.1)	-10.9 (-21.4, -0.4)
Sichuan	Panzhihua	-6.3 (-12.4, -0.3)	-11.2 (-18.1, -4.4)	-16.9 (-27.8, -6.0)	-7.8 (-12.5, -3.0)	-17.9 (-27.3, -8.5)	-42.4 (-63.2, -21.5)
Sichuan	Luzhou	-1.7 (-6.6, 3.3)	-3.5 (-9.4, 2.4)	-5.1 (-11.4, 1.3)	-2.4 (-7.0, 2.3)	-5.4 (-11.7, 0.8)	-15.2 (-28.1, -2.2)
Sichuan	Deyang	-0.6 (-3.9, 2.8)	-0.6 (-4.4, 3.2)	-1.4 (-5.8, 2.9)	-0.3 (-2.8, 2.2)	-1.2 (-4.7, 2.3)	-5.3 (-12.0, 1.3)
Sichuan	Mianyang	-0.6 (-3.9, 2.8)	-0.6 (-4.4, 3.2)	-1.4 (-5.8, 2.9)	-0.3 (-2.8, 2.2)	-1.2 (-4.7, 2.3)	-5.3 (-12.0, 1.3)
Sichuan	Guangyuan	-0.1 (-3.2, 2.9)	-0.4 (-3.7, 2.9)	-0.9 (-5.1, 3.3)	-0.3 (-3.4, 2.8)	-1.0 (-5.4, 3.4)	-5.4 (-12.7, 2.0)
Sichuan	Suining	-0.6 (-4.4, 3.1)	-1.3 (-5.9, 3.3)	-2.6 (-8.7, 3.4)	-1.1 (-4.4, 2.1)	-2.7 (-7.6, 2.1)	-8.6 (-17.1, -0.2)
Sichuan	Neijiang	-0.9 (-4.6, 2.9)	-1.7 (-6.0, 2.7)	-3.0 (-8.0, 2.0)	-1.2 (-4.1, 1.8)	-2.9 (-7.5, 1.8)	-9.4 (-18.4, -0.4)
Sichuan	Leshan	-0.7 (-3.5, 2.1)	-1.1 (-4.4, 2.1)	-2.2 (-6.3, 1.8)	-0.9 (-4.2, 2.3)	-2.1 (-6.5, 2.3)	-7.9 (-16.6, 0.8)
Sichuan	Nanchong	-1.0 (-5.2, 3.3)	-1.9 (-7.1, 3.3)	-3.3 (-9.4, 2.9)	-1.4 (-4.9, 2.0)	-3.5 (-8.4, 1.4)	-9.9 (-18.4, -1.4)
Sichuan	Meishan	-0.7 (-3.6, 2.1)	-1.2 (-4.5, 2.2)	-2.3 (-6.4, 1.8)	-1.0 (-4.3, 2.3)	-2.2 (-6.7, 2.4)	-8.2 (-17.1, 0.8)
Sichuan	Yibin	-1.2 (-6.2, 3.9)	-2.2 (-8.0, 3.6)	-4.0 (-10.7, 2.7)	-1.6 (-5.5, 2.4)	-3.9 (-10.1, 2.4)	-12.6 (-24.7, -0.5)
Sichuan	Guang'an	-1.0 (-5.2, 3.3)	-1.9 (-7.1, 3.3)	-3.3 (-9.4, 2.9)	-1.4 (-4.9, 2.0)	-3.5 (-8.4, 1.4)	-9.9 (-18.4, -1.4)
Sichuan	Dazhou	-0.9 (-4.5, 2.6)	-1.7 (-6.4, 2.9)	-3.2 (-8.7, 2.3)	-1.4 (-4.9, 2.1)	-3.4 (-8.3, 1.5)	-10.3 (-18.7, -1.9)
Sichuan	Ya'an	-0.2 (-3.2, 2.7)	-0.4 (-3.4, 2.7)	-1.1 (-4.7, 2.5)	-0.4 (-3.2, 2.3)	-0.9 (-4.3, 2.5)	-4.9 (-11.6, 1.8)
Sichuan	Bazhong	-0.7 (-3.7, 2.4)	-1.3 (-5.2, 2.6)	-2.2 (-6.9, 2.4)	-1.0 (-3.8, 1.8)	-2.4 (-6.7, 1.9)	-7.8 (-15.4, -0.2)
Sichuan	Ziyang	-0.7 (-4.7, 3.4)	-1.4 (-6.3, 3.5)	-2.8 (-9.3, 3.7)	-1.2 (-4.7, 2.3)	-2.9 (-8.1, 2.3)	-9.3 (-18.3, -0.2)
Sichuan	Aba	2.5 (-0.6, 5.5)	3.9 (0.4, 7.5)	4.9 (1.0, 8.8)	3.1 (0.2, 6.0)	5.8 (2.2, 9.4)	9.3 (3.8, 14.9)
Sichuan	Garze	4.3 (0.1, 8.6)	7.3 (2.2, 12.4)	9.6 (3.0, 16.2)	5.3 (1.4, 9.3)	10.8 (5.6, 16.1)	20.5 (12.9, 28.1)
Sichuan	Liangshan	-1.4 (-3.6, 0.8)	-2.6 (-5.0, -0.2)	-4.1 (-7.3, -0.8)	-1.6 (-3.6, 0.4)	-4.0 (-7.1, -0.9)	-13.0 (-21.5, -4.4)
Guizhou	Guiyang	-1.3 (-5.2, 2.6)	-3.3 (-7.5, 1.0)	-5.1 (-10.1, 0.0)	-2.2 (-5.5, 1.1)	-5.4 (-11.2, 0.4)	-14.3 (-25.7, -3.0)
Guizhou	Liupanshui	0.5 (-2.1, 3.2)	0.7 (-2.5, 3.8)	0.6 (-3.1, 4.3)	0.4 (-1.6, 2.5)	0.9 (-1.6, 3.4)	-1.8 (-6.9, 3.3)
Guizhou	Zunyi	-1.6 (-6.4, 3.3)	-3.8 (-9.2, 1.6)	-5.8 (-12.0, 0.3)	-2.4 (-6.7, 1.8)	-5.9 (-12.3, 0.6)	-15.7 (-28.9, -2.4)
Guizhou	Anshun	-1.0 (-3.6, 1.6)	-2.1 (-5.7, 1.4)	-3.4 (-7.6, 0.8)	-1.5 (-4.7, 1.7)	-3.5 (-8.4, 1.3)	-10.5 (-20.3, -0.7)
Guizhou	Bijie	-0.5 (-4.1, 3.0)	-1.1 (-5.4, 3.2)	-2.0 (-5.9, 1.9)	-0.7 (-3.8, 2.4)	-2.1 (-6.2, 2.1)	-7.5 (-15.9, 0.9)
Guizhou	Tongren	-2.7 (-9.5, 4.2)	-6.3 (-13.8, 1.2)	-9.5 (-18.6, -0.3)	-4.2 (-9.6, 1.2)	-9.9 (-18.7, -1.0)	-24.1 (-38.3, -9.9)
Guizhou	Qianxinan	-3.0 (-7.1, 1.1)	-5.3 (-10.7, 0.0)	-7.9 (-14.6, -1.2)	-3.7 (-8.2, 0.8)	-8.2 (-15.6, -0.8)	-22.1 (-39.5, -4.7)
Guizhou	Qiandongnan	-2.1 (-6.2, 1.9)	-4.2 (-8.1, -0.2)	-6.5 (-11.6, -1.4)	-2.7 (-6.3, 0.8)	-6.5 (-12.8, -0.2)	-16.3 (-27.5, -5.1)
Guizhou	Qiannan	-1.4 (-4.7, 1.9)	-2.9 (-6.7, 0.9)	-4.4 (-8.9, 0.1)	-1.9 (-5.1, 1.4)	-4.6 (-9.8, 0.7)	-12.5 (-22.5, -2.4)
Yunnan	Kunming	4.0 (-0.1, 8.1)	6.6 (1.2, 12.0)	9.1 (2.3, 15.8)	4.6 (0.7, 8.6)	9.6 (4.1, 15.1)	17.2 (8.0, 26.4)
Yunnan	Qujing	2.8 (-1.4, 7.1)	4.9 (-0.6, 10.3)	6.5 (-0.1, 13.1)	3.1 (0.2, 6.0)	6.6 (1.8, 11.5)	12.1 (4.6, 19.5)
Yunnan	Yuxi	2.9 (-1.0, 6.7)	4.8 (-0.1, 9.8)	6.5 (0.2, 12.8)	3.3 (-0.3, 6.8)	7.0 (2.3, 11.6)	11.9 (4.8, 19.0)
Yunnan	Baoshan	3.7 (-0.8, 8.1)	6.2 (0.1, 12.3)	8.5 (0.6, 16.4)	4.5 (0.4, 8.7)	9.3 (3.2, 15.4)	17.2 (6.1, 28.3)
Yunnan	Zhaotong	4.5 (-0.8, 9.7)	7.7 (1.8, 13.5)	10.4 (2.7, 18.1)	5.2 (1.5, 8.9)	11.1 (4.5, 17.6)	21.1 (9.5, 32.8)

Yunnan	Lijiang	5.0 (0.9, 9.1)	8.3 (2.9, 13.6)	11.9 (4.0, 19.8)	6.1 (3.0, 9.2)	12.9 (7.3, 18.4)	25.1 (14.8, 35.4)
Yunnan	Pu'er	1.6 (-2.1, 5.2)	2.7 (-2.1, 7.5)	3.7 (-1.6, 8.9)	2.1 (-1.3, 5.5)	4.2 (0.4, 8.0)	5.8 (1.5, 10.1)
Yunnan	Lincang	2.0 (-1.2, 5.3)	3.3 (-1.0, 7.6)	4.5 (-0.5, 9.5)	2.4 (-0.9, 5.8)	5.0 (0.9, 9.1)	8.2 (2.1, 14.3)
Yunnan	Chuxiong	3.4 (-0.5, 7.3)	5.5 (0.1, 11.0)	7.6 (0.6, 14.5)	4.0 (-1.1, 9.2)	8.3 (2.0, 14.6)	14.5 (4.4, 24.6)
Yunnan	Honghe	1.2 (-1.9, 4.4)	2.1 (-2.2, 6.4)	2.6 (-1.7, 6.9)	1.3 (-1.2, 3.9)	3.0 (-0.4, 6.4)	3.6 (-0.5, 7.8)
Yunnan	Wenshan	2.8 (-1.5, 7.0)	4.8 (-1.2, 10.8)	6.3 (-0.4, 13.1)	3.0 (-0.2, 6.3)	6.5 (1.5, 11.6)	11.4 (4.4, 18.5)
Yunnan	Xishuangbanna	-1.3 (-3.0, 0.5)	-2.1 (-4.5, 0.3)	-3.1 (-6.5, 0.4)	-1.3 (-3.2, 0.7)	-3.1 (-6.4, 0.2)	-9.1 (-16.4, -1.9)
Yunnan	Dali	3.5 (0.3, 6.8)	6.0 (1.1, 11.0)	8.2 (1.6, 14.8)	4.2 (1.3, 7.1)	8.8 (3.9, 13.8)	16.8 (7.6, 26.0)
Yunnan	Dehong	4.1 (-0.2, 8.4)	7.1 (1.1, 13.1)	10.2 (1.6, 18.9)	5.2 (1.2, 9.2)	11.1 (4.3, 17.9)	21.1 (8.6, 33.6)
Yunnan	Nujiang	3.7 (-0.8, 8.3)	6.3 (0.2, 12.5)	8.7 (0.6, 16.7)	4.6 (0.4, 8.8)	9.4 (3.2, 15.7)	17.5 (6.2, 28.8)
Yunnan	Deqen	10.1 (3.1, 17.1)	17.7 (6.4, 28.9)	26.1 (8.3, 43.8)	12.9 (6.1, 19.6)	28.8 (15.5, 42.0)	63.4 (36.3, 90.6)
<b>Qingzang</b>							
Tibet	Lhasa	0.9 (-3.0, 4.8)	1.2 (-3.3, 5.7)	1.7 (-3.3, 6.6)	1.5 (-4.2, 7.3)	2.8 (-4.2, 9.8)	2.4 (-9.1, 13.8)
Tibet	Rikaze	1.3 (-2.7, 5.4)	1.8 (-3.5, 7.1)	2.5 (-3.8, 8.9)	1.7 (-4.1, 7.5)	3.3 (-4.0, 10.5)	3.9 (-9.0, 16.8)
Tibet	Qamdo	-2.8 (-20.0, 14.5)	-3.4 (-26.2, 19.5)	-2.4 (-26.5, 21.6)	-2.3 (-19.1, 14.4)	-6.1 (-23.8, 11.7)	-2.9 (-31.5, 25.6)
Tibet	Shannan	0.3 (-3.2, 3.7)	0.0 (-4.4, 4.4)	-0.2 (-4.8, 4.5)	0.9 (-4.0, 5.9)	0.6 (-5.5, 6.7)	-2.1 (-12.7, 8.6)
Tibet	Nagqu	7.3 (-2.1, 16.7)	13.1 (2.4, 23.9)	17.5 (3.7, 31.4)	8.4 (1.4, 15.3)	19.2 (4.4, 34.1)	39.8 (12.9, 66.7)
Tibet	Ngari	-0.4 (-6.0, 5.3)	-0.1 (-6.1, 5.9)	-0.3 (-8.2, 7.6)	0.4 (-5.7, 6.5)	-0.3 (-8.3, 7.8)	0.0 (-8.7, 8.7)
Tibet	Nyingchi	0.3 (-3.0, 3.6)	0.5 (-3.4, 4.4)	0.4 (-4.0, 4.8)	0.9 (-3.5, 5.2)	1.3 (-3.9, 6.5)	-1.1 (-8.8, 6.7)
Qinghai	Xining	2.0 (-2.6, 6.6)	3.6 (-1.2, 8.5)	4.8 (-0.1, 9.6)	3.0 (-2.0, 7.9)	6.0 (-0.4, 12.3)	9.6 (1.0, 18.2)
Qinghai	Haidong	2.0 (-2.6, 6.6)	3.6 (-1.2, 8.5)	4.8 (-0.1, 9.6)	3.0 (-2.0, 7.9)	6.0 (-0.4, 12.3)	9.6 (1.0, 18.2)
Qinghai	Haibei	6.0 (0.8, 11.1)	10.0 (2.4, 17.5)	13.6 (4.0, 23.2)	7.4 (1.5, 13.2)	15.1 (5.6, 24.5)	28.9 (15.1, 42.6)
Qinghai	Huangnan	6.0 (-8.6, 20.6)	9.3 (-6.9, 25.5)	10.7 (-4.5, 25.9)	7.8 (-7.8, 23.4)	13.4 (-4.7, 31.6)	18.0 (-12.1, 48.0)
Qinghai	Hainan	3.3 (-1.6, 8.2)	5.3 (-0.1, 10.6)	6.7 (1.1, 12.3)	4.6 (-0.2, 9.3)	8.6 (2.3, 14.9)	14.5 (3.1, 26.0)
Qinghai	Golog	10.5 (-0.8, 21.8)	17.1 (4.0, 30.3)	23.5 (7.0, 40.0)	12.2 (1.6, 22.7)	25.6 (9.8, 41.4)	52.6 (26.1, 79.2)
Qinghai	Yushu	6.0 (-5.0, 17.0)	9.1 (-1.6, 19.7)	11.8 (-0.2, 23.8)	6.6 (-3.1, 16.3)	13.2 (2.3, 24.1)	23.2 (10.1, 36.3)
Qinghai	Haixi	4.0 (-1.7, 9.6)	6.5 (0.5, 12.4)	8.3 (1.2, 15.4)	5.0 (-0.6, 10.7)	10.1 (3.6, 16.6)	19.2 (8.5, 29.9)
<b>Northwest</b>							
Shaanxi	Xi'an	0.4 (-2.2, 3.0)	0.9 (-1.7, 3.6)	1.1 (-2.1, 4.3)	0.8 (-2.0, 3.6)	1.3 (-2.0, 4.6)	1.1 (-2.3, 4.4)
Shaanxi	Tongchuan	0.4 (-2.2, 3.0)	0.9 (-1.7, 3.6)	1.1 (-2.1, 4.3)	0.8 (-2.0, 3.6)	1.3 (-2.0, 4.6)	1.1 (-2.3, 4.4)
Shaanxi	Baoji	0.4 (-2.2, 3.0)	0.9 (-1.7, 3.6)	1.1 (-2.1, 4.3)	0.8 (-2.0, 3.6)	1.3 (-2.0, 4.6)	1.1 (-2.3, 4.4)
Shaanxi	Xianyang	0.4 (-2.2, 3.0)	0.9 (-1.7, 3.6)	1.1 (-2.1, 4.3)	0.8 (-2.0, 3.6)	1.3 (-2.0, 4.6)	1.1 (-2.3, 4.4)
Shaanxi	Weinan	2.9 (-0.7, 6.6)	5.8 (1.1, 10.5)	8.1 (1.2, 14.9)	4.4 (0.3, 8.6)	9.7 (3.2, 16.1)	17.9 (8.6, 27.2)
Shaanxi	Yan'an	1.0 (-1.6, 3.7)	2.3 (-0.4, 4.9)	3.1 (-1.3, 7.4)	2.0 (-1.1, 5.1)	3.9 (0.0, 7.8)	5.9 (1.6, 10.2)
Shaanxi	Hanzhong	0.4 (-2.1, 2.8)	0.8 (-2.0, 3.6)	0.8 (-2.1, 3.7)	0.6 (-1.9, 3.2)	1.0 (-2.4, 4.4)	-0.1 (-5.0, 4.7)
Shaanxi	Yulin	1.2 (-2.0, 4.5)	3.0 (-0.5, 6.5)	4.2 (-1.1, 9.4)	2.4 (-1.5, 6.3)	5.2 (1.0, 9.4)	9.2 (3.2, 15.1)
Shaanxi	Ankang	-0.2 (-2.6, 2.1)	-0.5 (-3.0, 2.0)	-1.0 (-4.7, 2.7)	-0.3 (-2.7, 2.0)	-1.0 (-3.8, 1.9)	-4.0 (-8.3, 0.4)
Shaanxi	Shangluo	0.5 (-1.5, 2.4)	1.1 (-1.0, 3.2)	1.5 (-1.2, 4.3)	0.9 (-1.6, 3.3)	1.5 (-1.3, 4.3)	1.5 (-2.2, 5.2)
Shaanxi	Xixian	0.4 (-2.2, 3.0)	0.9 (-1.7, 3.6)	1.1 (-2.1, 4.3)	0.8 (-2.0, 3.6)	1.3 (-2.0, 4.6)	1.1 (-2.3, 4.4)
Gansu	Lanzhou	3.5 (0.1, 6.8)	6.4 (1.8, 10.9)	8.5 (3.2, 13.9)	4.6 (0.4, 8.8)	9.7 (3.9, 15.5)	19.7 (10.8, 28.6)
Gansu	Jiayuguan	3.3 (0.3, 6.3)	5.8 (1.8, 9.8)	8.3 (2.3, 14.3)	4.2 (1.1, 7.3)	9.1 (2.8, 15.4)	19.5 (8.9, 30.1)
Gansu	Jinchang	4.3 (-0.2, 8.7)	7.8 (1.8, 13.8)	10.6 (2.5, 18.7)	5.6 (1.4, 9.7)	11.9 (4.1, 19.7)	25.0 (11.7, 38.2)
Gansu	Baiyin	2.4 (-1.2, 6.1)	4.3 (-0.3, 8.9)	5.8 (0.6, 11.0)	3.1 (0.4, 5.9)	6.5 (1.3, 11.7)	12.9 (4.8, 20.9)
Gansu	Tianshui	5.7 (0.7, 10.7)	10.6 (3.2, 17.9)	14.1 (4.9, 23.3)	7.4 (1.7, 13.2)	16.1 (6.9, 25.4)	33.7 (19.0, 48.4)
Gansu	Wuwei	3.1 (-1.7, 7.8)	5.4 (-0.2, 11.1)	7.4 (0.9, 14.0)	4.1 (0.7, 7.5)	8.6 (1.8, 15.5)	17.5 (6.4, 28.5)
Gansu	Zhangye	3.1 (-0.3, 6.6)	5.7 (1.2, 10.2)	7.7 (1.6, 13.8)	4.2 (1.1, 7.3)	8.9 (2.9, 14.8)	18.2 (7.9, 28.5)
Gansu	Pingliang	2.8 (-0.1, 5.6)	5.3 (1.6, 9.1)	7.0 (1.7, 12.2)	3.8 (0.2, 7.4)	7.8 (2.5, 13.2)	15.4 (7.3, 23.6)
Gansu	Jiuquan	3.3 (0.3, 6.3)	5.8 (1.8, 9.8)	8.3 (2.3, 14.3)	4.2 (1.1, 7.3)	9.1 (2.8, 15.4)	19.5 (8.9, 30.1)
Gansu	Qingyang	2.8 (-0.6, 6.1)	5.6 (1.1, 10.0)	7.3 (1.2, 13.5)	4.1 (0.1, 8.0)	8.3 (2.5, 14.1)	16.8 (7.7, 25.8)
Gansu	Dingxi	5.7 (0.7, 10.7)	10.6 (3.2, 17.9)	14.1 (4.9, 23.3)	7.4 (1.7, 13.2)	16.1 (6.9, 25.4)	33.7 (19.0, 48.4)
Gansu	Longnan	1.3 (-1.2, 3.8)	2.6 (-0.4, 5.6)	3.2 (-0.3, 6.7)	2.0 (-0.2, 4.2)	3.9 (0.9, 7.0)	7.0 (3.0, 11.0)
Gansu	Linxia	3.7 (0.4, 6.9)	6.5 (1.9, 11.0)	8.7 (3.3, 14.2)	4.8 (0.3, 9.2)	9.8 (3.6, 16.0)	19.6 (10.4, 28.8)
Gansu	Gannan	6.9 (1.9, 11.8)	11.8 (3.9, 19.7)	16.0 (6.1, 25.9)	8.3 (0.8, 15.8)	18.0 (7.9, 28.1)	37.2 (20.0, 54.3)
Ningxia	Yinchuan	3.5 (-0.1, 7.0)	6.5 (2.2, 10.7)	8.9 (2.3, 15.5)	4.4 (1.4, 7.5)	10.0 (3.6, 16.5)	21.6 (10.6, 32.5)
Ningxia	Shizuishan	3.9 (0.2, 7.6)	7.1 (2.3, 11.9)	9.8 (2.4, 17.1)	4.7 (1.3, 8.1)	10.8 (3.7, 17.9)	23.2 (11.0, 35.4)
Ningxia	Wuzhong	3.5 (-0.1, 7.0)	6.5 (2.2, 10.7)	8.9 (2.3, 15.5)	4.4 (1.4, 7.5)	10.0 (3.6, 16.5)	21.6 (10.6, 32.5)
Ningxia	Guyuan	4.6 (0.4, 8.9)	8.8 (2.7, 14.8)	11.6 (3.2, 20.1)	6.2 (1.4, 11.1)	13.2 (4.7, 21.8)	27.7 (13.2, 42.1)
Ningxia	Zhongwei	3.2 (0.0, 6.5)	6.1 (1.9, 10.3)	8.4 (2.0, 14.9)	4.3 (1.6, 6.9)	9.5 (3.3, 15.6)	20.1 (9.7, 30.6)
Xinjiang	Urumqi	0.7 (-5.7, 7.1)	2.6 (-3.0, 8.3)	2.7 (-3.8, 9.1)	1.8 (-4.7, 8.4)	3.0 (-7.5, 13.4)	2.5 (-9.9, 14.8)

Xinjiang	Karamay	0.5 (-8.0, 9.1)	3.0 (-5.3, 11.3)	3.2 (-7.1, 13.5)	2.3 (-4.9, 9.4)	4.0 (-4.8, 12.8)	5.8 (-4.2, 15.9)
Xinjiang	Turpan	-0.1 (-7.1, 6.9)	0.7 (-5.6, 7.1)	0.5 (-6.0, 7.0)	0.7 (-3.9, 5.3)	1.0 (-5.9, 7.9)	-0.1 (-8.2, 8.0)
Xinjiang	Hami	0.9 (-4.0, 5.7)	2.3 (-1.9, 6.5)	2.6 (-2.3, 7.5)	1.6 (-2.2, 5.4)	3.1 (-3.2, 9.3)	4.1 (-3.0, 11.1)
Xinjiang	Changji	2.2 (-5.0, 9.3)	5.5 (-1.8, 12.9)	5.6 (-2.4, 13.7)	3.7 (-2.5, 9.9)	6.9 (-1.8, 15.6)	10.8 (-0.2, 21.7)
Xinjiang	Bortala	0.0 (-6.4, 6.4)	1.7 (-6.8, 10.2)	1.9 (-9.1, 12.9)	1.5 (-5.3, 8.4)	2.7 (-4.4, 9.8)	5.5 (-3.8, 14.8)
Xinjiang	Bayingol	0.2 (-3.9, 4.3)	1.1 (-3.7, 5.8)	1.1 (-3.4, 5.7)	1.1 (-1.9, 4.1)	1.5 (-3.1, 6.0)	0.6 (-5.2, 6.5)
Xinjiang	Aksu	0.8 (-2.8, 4.3)	2.2 (-1.5, 5.8)	2.6 (-1.2, 6.4)	1.8 (-1.0, 4.6)	3.1 (-1.0, 7.2)	5.0 (0.2, 9.7)
Xinjiang	Kizilsu	2.7 (-14.9, 20.4)	8.2 (-14.3, 30.6)	9.4 (-13.5, 32.4)	6.0 (-9.6, 21.6)	12.4 (-7.6, 32.4)	17.0 (-11.7, 45.7)
Xinjiang	Kashgar	0.6 (-3.3, 4.4)	1.8 (-3.1, 6.7)	2.1 (-3.0, 7.2)	1.3 (-2.4, 5.0)	2.8 (-1.8, 7.4)	3.9 (-2.8, 10.6)
Xinjiang	Hotan	0.5 (-4.4, 5.3)	1.2 (-4.5, 6.8)	1.5 (-4.4, 7.3)	1.1 (-3.3, 5.5)	1.7 (-4.3, 7.7)	2.0 (-5.1, 9.1)
Xinjiang	Ili	1.5 (-3.7, 6.7)	4.4 (-0.5, 9.2)	5.3 (-0.9, 11.4)	4.0 (-1.0, 9.0)	6.9 (0.8, 13.0)	12.3 (5.2, 19.5)
Xinjiang	Qoqek	2.7 (-5.7, 11.2)	6.2 (-2.0, 14.3)	7.1 (-3.1, 17.3)	4.3 (-1.6, 10.2)	7.9 (1.4, 14.4)	14.7 (5.6, 23.9)
Xinjiang	Altay	3.8 (-5.1, 12.6)	7.1 (-2.5, 16.7)	9.2 (-1.6, 19.9)	5.7 (-1.2, 12.7)	10.8 (2.4, 19.2)	20.7 (10.7, 30.7)
Xinjiang	Shihezi	0.4 (-6.3, 7.2)	3.0 (-4.0, 10.0)	3.4 (-4.6, 11.4)	3.0 (-3.0, 9.0)	4.3 (-3.4, 12.1)	6.6 (-3.7, 17.0)
Xinjiang	Aral	0.3 (-3.5, 4.1)	1.5 (-2.5, 5.4)	1.7 (-2.5, 5.9)	1.3 (-1.5, 4.2)	2.1 (-1.8, 6.0)	2.7 (-2.8, 8.1)
Xinjiang	Tumxuk	0.0 (-3.9, 3.9)	0.7 (-3.3, 4.7)	0.7 (-3.1, 4.6)	0.3 (-3.3, 3.9)	0.7 (-3.3, 4.7)	0.2 (-3.9, 4.3)
Xinjiang	Wujiaqu	2.2 (-5.0, 9.3)	5.5 (-1.8, 12.9)	5.6 (-2.4, 13.7)	3.7 (-2.5, 9.9)	6.9 (-1.8, 15.6)	10.8 (-0.2, 21.7)

Note: eCI, empirical confidence interval; HFMD, hand, foot, and mouth disease; RCP, Representative Concentration Pathway; CJP, county under the jurisdiction of province. Pooled province level temperature-HFMD associations were used for projecting, with controlling for long-term trend and seasonality, relative humidity, day of the week, holidays (public holidays, and summer and winter school holidays), and autocorrelations in the residuals.

**Table S5.** Projected percentage change (and 95% eCIs) in HFMD incidence among children aged 0–14 years due to climate change (RCP 4.5 and 8.5 scenarios) by region and decade relative to baseline estimates for 2009–2014, accounting for projected changes in population sizes.

Region	RCP 4.5 (percentage change and 95% eCI)			RCP 8.5 (percentage change and 95% eCI)		
	2030s	2050s	2090s	2030s	2050s	2090s
Northeast	-1.8 (-7.7, 4.2)	-9.4 (-17.1, -1.7)	-26.2 (-34.1, -18.3)	-1.0 (-5.5, 3.5)	-5.5 (-11.9, 1.0)	-13.2 (-23.5, -2.9)
Inner Mongolia	-1.2 (-11.4, 8.9)	-8.3 (-20.2, 3.6)	-25.0 (-37.3, -12.8)	0.3 (-9.9, 10.5)	-3.4 (-18.6, 11.9)	-10.9 (-36.7, 14.9)
North	-4.7 (-8.4, -0.9)	-13.8 (-18.1, -9.4)	-30.9 (-36.0, -25.9)	-3.9 (-7.7, -0.1)	-11.7 (-17.7, -5.7)	-26.0 (-36.1, -15.9)
Northwest	-4.9 (-10.7, 0.8)	-13.7 (-20.7, -6.7)	-31.2 (-38.2, -24.2)	-3.9 (-9.7, 2.0)	-12.0 (-21.3, -2.6)	-27.0 (-41.5, -12.4)
East	-6.6 (-13.2, 0.0)	-17.3 (-27.0, -7.6)	-34.9 (-45.3, -24.6)	-6.8 (-14.6, 0.9)	-17.5 (-31.2, -3.9)	-37.4 (-58.7, -16.1)
Central Region	-7.8 (-11.8, -3.7)	-19.0 (-24.3, -13.6)	-36.7 (-42.4, -31.1)	-8.0 (-12.6, -3.4)	-19.9 (-27.4, -12.4)	-40.6 (-52.0, -29.1)
Qingzang	-3.9 (-13.8, 6.0)	-13.0 (-24.9, -1.0)	-30.3 (-41.8, -18.7)	-3.0 (-13.3, 7.2)	-10.7 (-26.4, 5.0)	-25.4 (-48.4, -2.3)
Southwest	-6.3 (-12.5, -0.1)	-16.6 (-25.4, -7.7)	-34.3 (-44.2, -24.3)	-6.3 (-13.4, 0.8)	-16.4 (-29.6, -3.3)	-35.3 (-57.9, -12.6)
South	-5.2 (-10.7, 0.2)	-15.3 (-23.9, -6.7)	-32.9 (-42.6, -23.3)	-5.3 (-11.5, 0.9)	-14.9 (-27.6, -2.3)	-34.8 (-57.5, -12.2)
Overall	-5.4 (-12.4, 1.7)	-15.2 (-25.3, -5.0)	-32.6 (-43.6, -21.7)	-5.1 (-13.0, 2.8)	-14.3 (-28.7, 0.2)	-31.3 (-56.5, -6.0)

Note: eCI, empirical confidence interval; HFMD, hand, foot, and mouth disease; RCP, Representative Concentration Pathway. Pooled province level temperature-HFMD associations were used for projecting, with controlling for long-term trend and seasonality, relative humidity, day of the week, holidays (public holidays, and summer and winter school holidays), and autocorrelations in the residuals. Data on population projections aged 0–14 years by 2100 were downloaded from the Population Division, United Nations (<https://esa.un.org/unpd/wpp/Download/Probabilistic/Population/>).

**Table S6.** Projected percentage change (and 95% eCIs) in HFMD incidence among children aged 0–14 years due to climate change (RCP 4.5 and 8.5 scenarios) by site and decade relative to baseline estimates for 2009–2014, accounting for projected changes in population sizes.

Province or municipality	Prefecture/CJP	RCP 4.5 (percentage change and 95% eCI)			RCP 8.5 (percentage change and 95% eCI)		
		2030s	2050s	2090s	2030s	2050s	2090s
<b>North</b>							
Beijing	Beijing	-5.2 (-8.6, -1.7)	-14.6 (-17.4, -11.8)	-32.0 (-34.7, -29.2)	-4.6 (-7.7, -1.4)	-13.2 (-16.2, -10.3)	-28.9 (-32.3, -25.4)
Tianjin	Tianjin	-5.8 (-8.4, -3.1)	-15.7 (-18.2, -13.3)	-33.2 (-35.3, -31.1)	-5.4 (-7.9, -2.8)	-14.9 (-17.5, -12.2)	-31.7 (-35.1, -28.3)
Hebei	Shijiazhuang	-5.7 (-8.2, -3.2)	-15.3 (-17.4, -13.2)	-32.7 (-35.1, -30.3)	-5.1 (-7.6, -2.5)	-14.1 (-16.8, -11.4)	-30.6 (-33.7, -27.6)
Hebei	Tangshan	-5.3 (-8.8, -1.9)	-14.9 (-17.9, -11.8)	-32.3 (-34.8, -29.7)	-4.5 (-7.7, -1.3)	-13.2 (-16.0, -10.5)	-28.9 (-32.5, -25.4)
Hebei	Qinhuangdao	-4.5 (-8.4, -0.7)	-13.7 (-17.4, -10.1)	-31.0 (-34.0, -27.9)	-3.6 (-7.8, 0.5)	-11.8 (-15.2, -8.5)	-26.7 (-30.9, -22.4)
Hebei	Handan	-5.6 (-8.3, -2.8)	-15.3 (-17.8, -12.9)	-32.7 (-35.2, -30.2)	-5.1 (-7.7, -2.5)	-14.1 (-16.8, -11.5)	-30.6 (-33.9, -27.3)
Hebei	Xingtai	-5.6 (-8.3, -2.8)	-15.3 (-17.8, -12.9)	-32.7 (-35.2, -30.2)	-5.1 (-7.7, -2.5)	-14.1 (-16.8, -11.5)	-30.6 (-33.9, -27.3)
Hebei	Baoding	-5.4 (-8.4, -2.4)	-14.9 (-17.8, -12.1)	-32.4 (-34.9, -29.8)	-4.9 (-7.7, -2.0)	-13.7 (-16.6, -10.8)	-29.6 (-33.2, -26.1)
Hebei	Zhangjiakou	-4.5 (-8.4, -0.5)	-13.6 (-17.2, -10.0)	-30.7 (-34.6, -26.9)	-3.6 (-7.4, 0.2)	-11.5 (-14.7, -8.2)	-26.1 (-30.5, -21.7)
Hebei	Chengde	-4.9 (-8.2, -1.6)	-14.3 (-17.2, -11.4)	-31.6 (-34.5, -28.7)	-4.0 (-7.4, -0.7)	-12.4 (-15.7, -9.0)	-27.3 (-31.2, -23.3)
Hebei	Cangzhou	-5.6 (-8.3, -2.8)	-15.3 (-17.7, -12.9)	-32.7 (-35.0, -30.5)	-5.1 (-7.7, -2.6)	-14.3 (-16.6, -11.9)	-30.4 (-33.3, -27.5)
Hebei	Langfang	-5.3 (-8.6, -2.1)	-14.8 (-17.5, -12.1)	-32.3 (-34.9, -29.7)	-4.7 (-7.9, -1.6)	-13.6 (-16.6, -10.6)	-29.4 (-32.9, -25.9)
Hebei	Hengshui	-5.6 (-8.0, -3.2)	-15.3 (-17.7, -13.0)	-32.7 (-35.0, -30.4)	-5.2 (-7.6, -2.8)	-14.2 (-16.6, -11.7)	-30.4 (-33.9, -26.9)
Shanxi	Taiyuan	-4.2 (-7.9, -0.5)	-12.8 (-16.5, -9.0)	-29.7 (-34.5, -25.0)	-3.2 (-6.4, -0.1)	-10.0 (-14.7, -5.3)	-22.8 (-29.6, -16.1)
Shanxi	Datong	-3.1 (-7.7, 1.6)	-11.3 (-15.7, -6.9)	-28.1 (-33.9, -22.2)	-2.2 (-5.6, 1.2)	-7.8 (-12.9, -2.8)	-18.5 (-26.7, -10.3)
Shanxi	Yangquan	-4.5 (-7.9, -1.1)	-13.4 (-16.6, -10.1)	-30.5 (-34.3, -26.7)	-3.7 (-6.5, -0.9)	-11.1 (-14.8, -7.4)	-24.8 (-30.2, -19.3)
Shanxi	Changzhi	-3.9 (-7.9, 0.1)	-12.5 (-16.6, -8.3)	-29.4 (-34.7, -24.2)	-3.0 (-6.5, 0.5)	-9.7 (-14.8, -4.6)	-22.3 (-29.5, -15.0)
Shanxi	Jincheng	-4.5 (-7.4, -1.6)	-13.3 (-16.4, -10.2)	-30.5 (-34.2, -26.8)	-3.8 (-6.6, -1.0)	-11.3 (-15.6, -7.0)	-24.9 (-30.2, -19.5)
Shanxi	Shuozhou	-2.6 (-7.4, 2.2)	-10.1 (-15.4, -4.8)	-26.8 (-34.3, -19.3)	-1.1 (-5.6, 3.4)	-5.6 (-12.9, 1.6)	-15.1 (-26.6, -3.7)
Shanxi	Jinzhong	-4.2 (-7.9, -0.5)	-12.8 (-16.5, -9.0)	-29.7 (-34.5, -25.0)	-3.2 (-6.4, -0.1)	-10.0 (-14.7, -5.3)	-22.8 (-29.6, -16.1)
Shanxi	Yuncheng	-4.7 (-7.5, -1.9)	-13.6 (-16.4, -10.7)	-30.7 (-34.1, -27.3)	-3.7 (-6.5, -0.9)	-11.4 (-15.2, -7.5)	-25.2 (-29.8, -20.5)
Shanxi	Xinzhou	-3.7 (-7.7, 0.3)	-12.1 (-16.2, -8.0)	-29.0 (-34.3, -23.7)	-2.8 (-6.2, 0.7)	-9.0 (-14.3, -3.8)	-21.0 (-28.7, -13.3)
Shanxi	Linfen	-4.4 (-7.7, -1.1)	-13.2 (-16.4, -10.0)	-30.2 (-34.2, -26.2)	-3.5 (-6.6, -0.4)	-10.8 (-15.2, -6.4)	-24.3 (-30.1, -18.6)
Shanxi	Lvliang	-3.8 (-7.6, 0.1)	-12.0 (-16.1, -8.0)	-28.9 (-34.2, -23.5)	-2.7 (-6.4, 1.0)	-8.9 (-14.5, -3.2)	-20.9 (-29.1, -12.8)
<b>Inner Mongolia</b>							
Inner Mongolia	Hohhot	-2.3 (-7.8, 3.2)	-9.9 (-15.4, -4.3)	-26.7 (-33.3, -20.1)	-1.1 (-6.0, 3.8)	-6.1 (-10.9, -1.3)	-16.0 (-23.7, -8.2)
Inner Mongolia	Baotou	-2.8 (-7.9, 2.3)	-10.3 (-15.5, -5.1)	-27.4 (-33.5, -21.2)	-1.5 (-5.4, 2.3)	-6.8 (-12.0, -1.5)	-17.2 (-25.0, -9.3)
Inner Mongolia	Wuhai	-3.4 (-7.1, 0.4)	-11.6 (-15.3, -7.8)	-28.6 (-33.3, -23.8)	-2.5 (-5.3, 0.4)	-8.5 (-13.4, -3.6)	-20.5 (-27.3, -13.7)
Inner Mongolia	Chifeng	-2.7 (-8.5, 3.1)	-10.9 (-16.3, -5.5)	-27.8 (-33.3, -22.4)	-1.4 (-7.2, 4.5)	-7.4 (-12.3, -2.5)	-18.1 (-25.1, -11.2)
Inner Mongolia	Tongliao	-2.0 (-9.5, 5.5)	-10.1 (-16.6, -3.6)	-26.7 (-33.4, -20.0)	-0.8 (-7.6, 6.0)	-6.0 (-12.6, 0.6)	-15.0 (-23.1, -7.0)
Inner Mongolia	Ordos	-2.4 (-7.7, 2.8)	-9.6 (-15.1, -4.2)	-26.4 (-32.8, -20.0)	-1.1 (-5.3, 3.0)	-5.8 (-11.6, 0.0)	-15.6 (-23.9, -7.3)
Inner Mongolia	Hulunber	6.8 (-14.3, 28.0)	3.8 (-17.6, 25.2)	-13.0 (-33.3, 7.4)	11.0 (-7.9, 29.8)	15.6 (-4.9, 36.1)	24.5 (1.6, 47.4)
Inner Mongolia	Bayan Nur	-2.4 (-8.1, 3.3)	-9.7 (-15.2, -4.3)	-26.8 (-33.2, -20.3)	-0.9 (-4.8, 3.0)	-5.9 (-11.9, 0.2)	-16.0 (-24.5, -7.6)
Inner Mongolia	Ulanqab	-1.0 (-7.9, 5.8)	-7.8 (-14.8, -0.9)	-24.3 (-32.6, -15.9)	0.4 (-5.3, 6.1)	-2.6 (-8.8, 3.6)	-10.2 (-20.5, 0.0)
Inner Mongolia	Hinggan	-0.4 (-9.8, 8.9)	-8.0 (-18.1, 2.0)	-24.6 (-33.4, -15.9)	1.1 (-6.1, 8.3)	-2.9 (-10.1, 4.3)	-9.1 (-19.1, 0.9)
Inner Mongolia	Xilin Gol	0.3 (-11.2, 11.9)	-4.9 (-17.7, 7.9)	-20.5 (-34.0, -7.1)	1.8 (-9.0, 12.7)	2.8 (-9.4, 15.0)	0.4 (-14.6, 15.5)
Inner Mongolia	Alxa	-2.6 (-7.4, 2.1)	-10.4 (-15.1, -5.7)	-27.4 (-32.7, -22.0)	-1.7 (-5.3, 1.9)	-7.1 (-14.0, -0.2)	-18.0 (-26.3, -9.7)
<b>Northeast</b>							
Liaoning	Shenyang	-1.6 (-8.1, 4.9)	-9.2 (-16.1, -2.4)	-25.8 (-33.3, -18.3)	-1.1 (-5.2, 3.1)	-5.3 (-10.5, -0.1)	-13.1 (-21.1, -5.0)
Liaoning	Dalian	-1.7 (-7.7, 4.3)	-8.6 (-16.6, -0.5)	-25.3 (-33.6, -17.1)	-1.0 (-6.4, 4.3)	-5.0 (-11.9, 1.9)	-13.5 (-24.5, -2.5)
Liaoning	Anshan	-1.9 (-7.9, 4.1)	-9.4 (-16.1, -2.6)	-26.2 (-33.3, -19.1)	-1.2 (-5.4, 3.0)	-5.8 (-11.1, -0.5)	-14.3 (-22.8, -5.9)
Liaoning	Fushun	-1.6 (-8.1, 4.9)	-9.2 (-16.1, -2.4)	-25.8 (-33.3, -18.3)	-1.1 (-5.2, 3.1)	-5.3 (-10.5, -0.1)	-13.1 (-21.1, -5.0)
Liaoning	Benxi	-1.9 (-7.8, 4.0)	-9.4 (-16.2, -2.6)	-26.2 (-33.2, -19.2)	-1.2 (-5.2, 2.9)	-5.8 (-11.0, -0.6)	-14.1 (-22.4, -5.9)
Liaoning	Dandong	-2.3 (-7.5, 3.0)	-9.7 (-15.4, -4.0)	-26.7 (-32.8, -20.6)	-1.5 (-5.6, 2.6)	-6.3 (-11.0, -1.7)	-15.3 (-22.7, -7.9)
Liaoning	Jinzhou	-2.5 (-6.9, 1.9)	-10.4 (-15.8, -4.9)	-27.2 (-33.5, -20.9)	-1.9 (-5.8, 2.0)	-7.0 (-11.7, -2.3)	-16.6 (-24.9, -8.4)
Liaoning	Yingkou	-2.7 (-7.3, 1.9)	-10.7 (-16.1, -5.4)	-27.5 (-33.5, -21.5)	-2.2 (-5.8, 1.3)	-7.6 (-12.0, -3.2)	-17.7 (-25.6, -9.7)
Liaoning	Fuxin	-2.1 (-7.4, 3.3)	-10.3 (-16.0, -4.5)	-27.0 (-33.8, -20.2)	-1.6 (-5.4, 2.1)	-6.7 (-11.6, -1.8)	-15.8 (-24.4, -7.2)
Liaoning	Liaoyang	-2.0 (-7.8, 3.8)	-9.8 (-16.5, -3.2)	-26.6 (-33.4, -19.8)	-1.5 (-5.3, 2.4)	-6.4 (-11.5, -1.3)	-15.3 (-23.4, -7.3)
Liaoning	Panjin	-2.7 (-7.3, 1.9)	-10.7 (-16.1, -5.4)	-27.5 (-33.5, -21.5)	-2.2 (-5.8, 1.3)	-7.6 (-12.0, -3.2)	-17.7 (-25.6, -9.7)
Liaoning	Tieling	-1.4 (-7.8, 4.9)	-9.2 (-15.7, -2.6)	-25.8 (-33.2, -18.4)	-1.0 (-4.8, 2.9)	-5.3 (-10.6, 0.0)	-13.0 (-20.9, -5.1)
Liaoning	Chaoyang	-2.0 (-7.2, 3.2)	-9.6 (-16.0, -3.3)	-26.3 (-33.8, -18.8)	-1.0 (-5.5, 3.5)	-5.5 (-10.9, -0.1)	-13.8 (-23.5, -4.2)
Liaoning	Huludao	-2.6 (-7.0, 1.8)	-10.5 (-15.9, -5.1)	-27.2 (-33.7, -20.8)	-2.1 (-5.8, 1.6)	-7.2 (-11.8, -2.6)	-17.1 (-25.4, -8.8)
Jilin	Changchun	-1.5 (-8.0, 5.0)	-9.3 (-17.4, -1.3)	-25.9 (-34.2, -17.7)	-0.8 (-5.0, 3.4)	-5.4 (-11.4, 0.5)	-13.3 (-21.8, -4.8)
Jilin	Jilin	-1.7 (-8.4, 5.0)	-9.2 (-17.7, -0.8)	-25.8 (-34.5, -17.0)	-0.7 (-4.6, 3.2)	-4.8 (-11.3, 1.7)	-11.9 (-21.2, -2.7)
Jilin	Siping	-2.1 (-7.8, 3.6)	-10.5 (-17.0, -3.9)	-27.0 (-34.1, -19.8)	-1.6 (-5.4, 2.2)	-6.5 (-12.3, -0.6)	-14.7 (-22.4, -7.0)

Jilin	Liaoyuan	-1.6 (-7.9, 4.7)	-9.3 (-16.6, -2.0)	-26.1 (-33.9, -18.2)	-0.9 (-4.6, 2.9)	-5.3 (-11.2, 0.6)	-13.2 (-21.6, -4.8)
Jilin	Tonghua	-1.9 (-8.2, 4.4)	-9.5 (-16.6, -2.4)	-26.2 (-33.5, -18.9)	-1.0 (-5.2, 3.2)	-5.4 (-11.1, 0.4)	-13.6 (-21.9, -5.4)
Jilin	Baishan	-1.9 (-7.9, 4.0)	-9.6 (-16.6, -2.7)	-26.5 (-33.6, -19.3)	-1.4 (-5.1, 2.4)	-6.0 (-11.8, -0.3)	-14.6 (-22.9, -6.2)
Jilin	Songyuan	-1.6 (-7.5, 4.3)	-9.8 (-17.2, -2.3)	-26.7 (-34.5, -19.0)	-1.2 (-5.4, 3.0)	-6.1 (-11.8, -0.3)	-14.2 (-23.4, -5.0)
Jilin	Baicheng	-1.8 (-7.6, 3.9)	-10.1 (-17.5, -2.7)	-26.9 (-34.9, -18.9)	-1.3 (-5.8, 3.3)	-6.2 (-12.4, 0.0)	-14.3 (-24.0, -4.7)
Jilin	Yanbian	-1.8 (-8.4, 4.8)	-9.4 (-18.1, -0.7)	-26.0 (-34.3, -17.7)	-1.1 (-4.5, 2.2)	-5.7 (-12.0, 0.7)	-13.6 (-22.3, -4.9)
Heilongjiang	Harbin	-1.6 (-8.1, 5.0)	-9.4 (-17.6, -1.2)	-26.3 (-34.7, -17.9)	-1.0 (-5.3, 3.2)	-5.5 (-11.8, 0.8)	-13.1 (-22.1, -4.1)
Heilongjiang	Qiqihar	-1.5 (-8.0, 5.1)	-9.2 (-17.5, -0.9)	-26.1 (-35.2, -17.0)	-0.4 (-5.4, 4.6)	-5.1 (-11.7, 1.5)	-12.4 (-22.3, -2.4)
Heilongjiang	Jixi	-1.5 (-7.5, 4.4)	-9.0 (-17.2, -0.9)	-26.0 (-33.8, -18.2)	-0.7 (-4.7, 3.3)	-5.1 (-11.0, 0.8)	-12.6 (-20.7, -4.5)
Heilongjiang	Hegang	-1.7 (-7.5, 4.1)	-9.3 (-18.4, -0.2)	-26.1 (-35.0, -17.3)	-0.9 (-5.3, 3.6)	-5.1 (-11.4, 1.2)	-11.8 (-21.3, -2.2)
Heilongjiang	Shuangyashan	-1.7 (-7.5, 4.1)	-9.3 (-18.4, -0.2)	-26.1 (-35.0, -17.3)	-0.9 (-5.3, 3.6)	-5.1 (-11.4, 1.2)	-11.8 (-21.3, -2.2)
Heilongjiang	Daqing	-1.7 (-7.5, 4.0)	-9.8 (-18.3, -1.3)	-26.8 (-35.5, -18.2)	-0.9 (-5.4, 3.6)	-5.9 (-12.7, 0.8)	-12.9 (-22.6, -3.2)
Heilongjiang	Yichun	-0.9 (-7.4, 5.5)	-7.9 (-17.2, 1.4)	-24.6 (-33.6, -15.6)	0.6 (-4.5, 5.7)	-3.2 (-9.2, 2.8)	-8.9 (-19.3, 1.5)
Heilongjiang	Jiamusi	-1.7 (-7.5, 4.1)	-9.3 (-18.4, -0.2)	-26.1 (-35.0, -17.3)	-0.9 (-5.3, 3.6)	-5.1 (-11.4, 1.2)	-11.8 (-21.3, -2.2)
Heilongjiang	Qitaihe	-1.5 (-7.5, 4.4)	-9.0 (-17.2, -0.9)	-26.0 (-33.8, -18.2)	-0.7 (-4.7, 3.3)	-5.1 (-11.0, 0.8)	-12.6 (-20.7, -4.5)
Heilongjiang	Mudanjiang	-1.4 (-8.0, 5.2)	-9.1 (-17.6, -0.6)	-25.8 (-34.1, -17.4)	-0.9 (-4.6, 2.8)	-5.0 (-11.2, 1.2)	-12.2 (-20.8, -3.7)
Heilongjiang	Heihe	-1.0 (-7.3, 5.3)	-7.7 (-17.2, 1.9)	-24.6 (-33.8, -15.5)	1.1 (-4.5, 6.8)	-2.4 (-10.7, 6.0)	-7.4 (-20.0, 5.2)
Heilongjiang	Suihua	-1.7 (-8.3, 4.9)	-9.2 (-18.5, 0.2)	-26.0 (-35.6, -16.5)	-1.3 (-6.2, 3.7)	-5.2 (-13.3, 2.8)	-11.0 (-20.8, -1.2)
Heilongjiang	DaXingAnLing	-0.4 (-8.3, 7.5)	-6.4 (-17.4, 4.6)	-23.3 (-33.8, -12.9)	1.9 (-4.6, 8.3)	-0.7 (-10.4, 9.0)	-4.1 (-18.1, 9.9)
<b>East</b>							
Shanghai	Shanghai	-7.8 (-9.7, -5.8)	-18.9 (-21.5, -16.3)	-36.6 (-39.3, -33.9)	-8.0 (-11.1, -4.9)	-19.8 (-23.0, -16.5)	-40.3 (-45.1, -35.5)
Jiangsu	Nanjing	-9.2 (-12.0, -6.4)	-21.5 (-25.8, -17.2)	-39.4 (-44.2, -34.6)	-9.8 (-15.0, -4.7)	-23.7 (-30.2, -17.1)	-47.0 (-54.8, -39.2)
Jiangsu	Wuxi	-9.6 (-12.7, -6.4)	-21.9 (-26.7, -17.1)	-39.9 (-44.7, -35.1)	-10.0 (-15.7, -4.4)	-24.4 (-31.5, -17.2)	-48.3 (-57.7, -38.9)
Jiangsu	Xuzhou	-8.7 (-12.3, -5.1)	-20.5 (-24.8, -16.2)	-38.6 (-43.4, -33.7)	-9.2 (-13.8, -4.6)	-22.1 (-27.9, -16.3)	-44.7 (-52.8, -36.6)
Jiangsu	Changzhou	-9.6 (-12.7, -6.4)	-21.9 (-26.7, -17.1)	-39.9 (-44.7, -35.1)	-10.0 (-15.7, -4.4)	-24.4 (-31.5, -17.2)	-48.3 (-57.7, -38.9)
Jiangsu	Suzhou	-9.6 (-13.2, -6.0)	-22.0 (-27.1, -17.0)	-40.1 (-45.7, -34.5)	-10.6 (-16.1, -5.1)	-24.7 (-32.1, -17.4)	-48.8 (-58.6, -39.0)
Jiangsu	Nantong	-9.0 (-12.1, -6.0)	-21.0 (-25.5, -16.5)	-39.0 (-43.6, -34.4)	-9.7 (-14.3, -5.2)	-23.2 (-29.6, -16.8)	-46.0 (-54.4, -37.7)
Jiangsu	Lianyungang	-8.0 (-11.9, -4.1)	-19.3 (-24.5, -14.1)	-37.4 (-42.8, -32.1)	-8.2 (-12.5, -3.9)	-20.6 (-26.2, -15.0)	-42.0 (-51.0, -32.9)
Jiangsu	Huai'an	-8.6 (-12.0, -5.2)	-20.4 (-25.0, -15.8)	-38.3 (-43.0, -33.6)	-9.4 (-14.6, -4.3)	-22.3 (-28.4, -16.1)	-44.6 (-52.4, -36.8)
Jiangsu	Yancheng	-8.9 (-12.4, -5.4)	-21.1 (-26.7, -15.5)	-39.1 (-44.7, -33.6)	-9.6 (-14.5, -4.6)	-23.1 (-30.3, -15.9)	-46.5 (-56.9, -36.2)
Jiangsu	Yangzhou	-8.7 (-11.7, -5.7)	-20.4 (-24.8, -15.9)	-38.2 (-42.6, -33.8)	-9.2 (-14.1, -4.2)	-22.0 (-27.7, -16.3)	-44.1 (-51.1, -37.1)
Jiangsu	Zhenjiang	-9.2 (-12.0, -6.4)	-21.5 (-25.8, -17.2)	-39.4 (-44.2, -34.6)	-9.8 (-15.0, -4.7)	-23.7 (-30.2, -17.1)	-47.0 (-54.8, -39.2)
Jiangsu	Taizhou	-8.7 (-11.7, -5.7)	-20.4 (-24.8, -15.9)	-38.2 (-42.6, -33.8)	-9.2 (-14.1, -4.2)	-22.0 (-27.7, -16.3)	-44.1 (-51.1, -37.1)
Jiangsu	Suqian	-8.6 (-12.0, -5.2)	-20.4 (-25.0, -15.8)	-38.3 (-43.0, -33.6)	-9.4 (-14.6, -4.3)	-22.3 (-28.4, -16.1)	-44.6 (-52.4, -36.8)
Zhejiang	Hangzhou	-9.6 (-13.9, -5.3)	-22.4 (-28.5, -16.4)	-40.7 (-47.1, -34.2)	-10.9 (-18.2, -3.6)	-25.4 (-34.3, -16.5)	-51.6 (-64.4, -38.8)
Zhejiang	Ningbo	-9.7 (-14.7, -4.8)	-22.4 (-29.4, -15.5)	-40.6 (-47.9, -33.3)	-10.6 (-17.2, -4.0)	-25.0 (-33.6, -16.4)	-51.8 (-65.4, -38.2)
Zhejiang	Wenzhou	-7.8 (-11.0, -4.7)	-19.6 (-24.1, -15.2)	-37.5 (-41.5, -33.5)	-8.6 (-13.5, -3.7)	-21.0 (-26.3, -15.6)	-44.1 (-52.2, -35.9)
Zhejiang	Jiaxing	-9.2 (-13.3, -5.2)	-21.6 (-27.8, -15.3)	-39.6 (-46.3, -32.8)	-10.2 (-16.3, -4.1)	-24.0 (-31.9, -16.1)	-48.9 (-60.5, -37.3)
Zhejiang	Huzhou	-9.5 (-13.7, -5.4)	-22.3 (-28.7, -15.8)	-40.6 (-47.5, -33.6)	-11.0 (-17.1, -4.9)	-25.4 (-34.6, -16.2)	-50.6 (-62.5, -38.7)
Zhejiang	Shaoxing	-9.6 (-13.8, -5.3)	-22.3 (-28.3, -16.4)	-40.6 (-46.9, -34.2)	-10.8 (-18.0, -3.7)	-25.3 (-34.0, -16.5)	-51.3 (-63.8, -38.8)
Zhejiang	Jinhua	-10.7 (-16.4, -4.9)	-24.4 (-31.2, -17.5)	-42.9 (-49.9, -35.8)	-12.4 (-20.5, -4.3)	-28.4 (-38.6, -18.2)	-56.8 (-71.4, -42.1)
Zhejiang	Quzhou	-10.0 (-14.8, -5.2)	-23.1 (-30.1, -16.1)	-41.6 (-48.5, -34.6)	-11.5 (-18.9, -4.0)	-26.6 (-36.9, -16.3)	-53.3 (-67.7, -38.9)
Zhejiang	Zhoushan	-9.1 (-13.0, -5.3)	-21.6 (-26.9, -16.3)	-39.7 (-46.2, -33.3)	-9.7 (-16.3, -3.2)	-23.7 (-31.5, -15.8)	-49.3 (-61.8, -36.9)
Zhejiang	Taizhou	-8.5 (-12.6, -4.5)	-20.5 (-25.5, -15.6)	-38.6 (-43.8, -33.5)	-9.2 (-14.1, -4.2)	-22.4 (-28.4, -16.4)	-47.3 (-57.8, -36.8)
Zhejiang	Lishui	-11.1 (-17.3, -4.8)	-24.9 (-32.0, -17.7)	-43.5 (-51.2, -35.7)	-12.4 (-20.3, -4.5)	-29.3 (-39.7, -18.9)	-59.2 (-75.4, -43.1)
Anhui	Hefei	-7.9 (-10.0, -5.7)	-19.0 (-21.6, -16.4)	-36.7 (-39.4, -34.0)	-8.0 (-11.5, -4.4)	-19.8 (-23.6, -16.0)	-40.2 (-44.6, -35.7)
Anhui	Wuhu	-7.8 (-9.9, -5.6)	-19.0 (-21.7, -16.3)	-36.8 (-39.7, -33.9)	-8.0 (-11.2, -4.7)	-19.9 (-23.7, -16.1)	-40.3 (-44.7, -35.8)
Anhui	Bengbu	-7.6 (-10.2, -4.9)	-18.5 (-21.7, -15.4)	-36.2 (-39.2, -33.2)	-7.8 (-11.4, -4.1)	-19.2 (-23.1, -15.3)	-39.1 (-44.1, -34.1)
Anhui	Huainan	-7.3 (-9.6, -4.9)	-18.0 (-20.8, -15.3)	-35.7 (-38.5, -33.0)	-7.4 (-10.9, -3.9)	-18.5 (-22.1, -15.0)	-37.9 (-42.5, -33.4)
Anhui	Ma'anshan	-7.7 (-9.6, -5.7)	-18.7 (-21.2, -16.3)	-36.4 (-39.0, -33.8)	-7.8 (-11.0, -4.6)	-19.5 (-23.1, -15.8)	-39.6 (-43.7, -35.5)
Anhui	HuaiBei	-7.3 (-10.0, -4.5)	-18.0 (-20.6, -15.4)	-35.7 (-38.2, -33.3)	-7.3 (-10.2, -4.4)	-18.3 (-21.7, -14.9)	-37.8 (-42.1, -33.5)
Anhui	Tongling	-8.1 (-10.8, -5.4)	-19.6 (-22.9, -16.3)	-37.3 (-40.7, -33.8)	-8.3 (-12.1, -4.5)	-20.7 (-25.1, -16.3)	-41.7 (-47.0, -36.4)
Anhui	Anqing	-8.0 (-10.5, -5.5)	-19.4 (-22.4, -16.4)	-37.0 (-40.2, -33.9)	-8.2 (-11.7, -4.7)	-20.4 (-24.4, -16.4)	-41.2 (-46.0, -36.3)
Anhui	Huangshan	-7.9 (-10.6, -5.2)	-19.3 (-22.9, -15.7)	-37.2 (-40.5, -33.8)	-8.3 (-12.1, -4.5)	-20.5 (-25.1, -15.8)	-41.8 (-47.9, -35.8)
Anhui	Chuzhou	-7.6 (-9.7, -5.5)	-18.5 (-21.1, -15.9)	-36.2 (-38.7, -33.7)	-7.8 (-11.0, -4.5)	-19.1 (-22.6, -15.7)	-39.0 (-43.2, -34.8)
Anhui	Fuyang	-7.7 (-10.5, -4.9)	-18.5 (-21.7, -15.3)	-36.1 (-38.7, -33.4)	-7.7 (-10.9, -4.4)	-18.9 (-23.0, -14.8)	-38.8 (-44.0, -33.6)
Anhui	Suzhou	-7.3 (-10.0, -4.5)	-18.0 (-20.6, -15.4)	-35.7 (-38.2, -33.3)	-7.3 (-10.2, -4.4)	-18.3 (-21.7, -14.9)	-37.8 (-42.1, -33.5)
Anhui	Lu'an	-8.0 (-11.0, -5.0)	-19.0 (-22.2, -15.8)	-36.6 (-39.4, -33.7)	-8.0 (-11.4, -4.6)	-19.7 (-23.7, -15.7)	-40.1 (-44.9, -35.3)
Anhui	Bozhou	-7.5 (-9.8, -5.2)	-18.1 (-20.4, -15.8)	-35.8 (-38.0, -33.6)	-7.3 (-10.0, -4.6)	-18.5 (-22.0, -15.1)	-38.0 (-42.9, -33.2)
Anhui	Chizhou	-8.0 (-10.4, -5.6)	-19.4 (-22.4, -16.4)	-37.0 (-40.1, -33.9)	-8.2 (-11.7, -4.7)	-20.4 (-24.4, -16.4)	-41.1 (-45.9, -36.3)



Anhui	Xuancheng	-7.7 (-9.9, -5.5)	-18.9 (-21.7, -16.1)	-36.6 (-39.3, -33.8)	-7.8 (-11.6, -4.0)	-19.7 (-23.9, -15.5)	-40.2 (-45.2, -35.3)
Fujian	Fuzhou	-2.9 (-8.7, 2.9)	-12.5 (-20.3, -4.7)	-30.2 (-37.7, -22.8)	-3.8 (-8.4, 0.7)	-11.7 (-19.6, -3.7)	-31.9 (-44.3, -19.6)
Fujian	Xiamen	-3.0 (-6.7, 0.7)	-12.6 (-18.9, -6.2)	-30.1 (-35.7, -24.6)	-3.4 (-8.3, 1.6)	-11.6 (-17.9, -5.3)	-31.5 (-39.4, -23.7)
Fujian	Putian	-1.5 (-7.3, 4.3)	-9.8 (-18.4, -1.2)	-26.9 (-34.9, -19.0)	-1.5 (-6.5, 3.4)	-7.7 (-16.0, 0.6)	-24.5 (-34.4, -14.7)
Fujian	Sanming	0.2 (-8.1, 8.5)	-9.0 (-21.3, 3.2)	-26.0 (-37.1, -14.9)	-0.9 (-10.0, 8.2)	-6.3 (-20.8, 8.3)	-26.4 (-47.0, -5.9)
Fujian	Quanzhou	-1.6 (-7.2, 4.1)	-9.9 (-18.4, -1.5)	-27.1 (-34.9, -19.3)	-1.6 (-6.5, 3.2)	-7.9 (-16.0, 0.3)	-24.7 (-34.4, -15.0)
Fujian	Zhangzhou	-3.7 (-7.2, -0.2)	-13.5 (-19.6, -7.4)	-31.1 (-36.3, -25.9)	-3.9 (-8.0, 0.2)	-12.6 (-18.3, -6.9)	-33.1 (-41.0, -25.2)
Fujian	Nanping	-1.0 (-10.6, 8.7)	-10.2 (-22.0, 1.5)	-27.2 (-38.6, -15.8)	-1.8 (-9.7, 6.2)	-7.8 (-20.7, 5.1)	-27.4 (-46.9, -7.9)
Fujian	Longyan	-2.3 (-6.8, 2.2)	-10.9 (-18.2, -3.7)	-28.3 (-34.9, -21.6)	-2.1 (-8.0, 3.8)	-8.4 (-18.2, 1.4)	-26.3 (-39.1, -13.4)
Fujian	Ningde	5.4 (-8.3, 19.1)	1.8 (-13.9, 17.4)	-13.5 (-29.9, 2.9)	7.6 (-6.5, 21.7)	10.7 (-9.2, 30.6)	6.8 (-20.7, 34.4)
Jiangxi	Nanchang	-6.2 (-8.3, -4.1)	-16.6 (-18.5, -14.7)	-34.2 (-35.7, -32.6)	-6.4 (-8.5, -4.3)	-16.4 (-18.8, -13.9)	-34.4 (-37.2, -31.7)
Jiangxi	Jingdezhen	-6.2 (-7.9, -4.5)	-16.5 (-18.7, -14.3)	-34.1 (-36.0, -32.1)	-6.3 (-8.7, -3.8)	-16.3 (-19.0, -13.6)	-34.4 (-37.7, -31.1)
Jiangxi	Pingxiang	-6.0 (-8.1, -4.0)	-16.0 (-18.7, -13.3)	-33.7 (-35.6, -31.7)	-6.0 (-8.2, -3.8)	-15.6 (-18.1, -13.1)	-33.7 (-36.7, -30.6)
Jiangxi	Jiujiang	-1.9 (-8.1, 4.2)	-9.4 (-15.7, -3.1)	-26.5 (-33.2, -19.8)	-1.1 (-6.3, 4.1)	-6.1 (-13.1, 1.0)	-18.5 (-27.0, -10.0)
Jiangxi	Xinyu	-6.0 (-8.1, -4.0)	-16.0 (-18.7, -13.3)	-33.7 (-35.6, -31.7)	-6.0 (-8.2, -3.8)	-15.6 (-18.1, -13.1)	-33.7 (-36.7, -30.6)
Jiangxi	Yingtan	-6.3 (-7.9, -4.8)	-16.8 (-19.1, -14.4)	-34.3 (-36.1, -32.5)	-6.6 (-9.0, -4.2)	-16.7 (-19.6, -13.8)	-35.2 (-38.7, -31.6)
Jiangxi	Ganzhou	-6.4 (-8.4, -4.4)	-16.7 (-18.9, -14.5)	-34.3 (-35.8, -32.8)	-6.6 (-8.7, -4.5)	-16.6 (-19.0, -14.3)	-35.3 (-38.1, -32.4)
Jiangxi	Ji'an	-6.2 (-8.3, -4.2)	-16.4 (-19.1, -13.8)	-34.1 (-36.2, -32.1)	-6.3 (-8.6, -4.0)	-16.2 (-18.9, -13.5)	-34.6 (-37.8, -31.4)
Jiangxi	Yichun	-6.0 (-8.0, -4.1)	-16.0 (-18.7, -13.4)	-33.7 (-35.6, -31.8)	-6.0 (-8.1, -3.9)	-15.7 (-18.1, -13.3)	-33.7 (-36.6, -30.8)
Jiangxi	Fuzhou	-6.1 (-7.9, -4.3)	-16.2 (-18.9, -13.6)	-33.8 (-35.7, -31.9)	-6.2 (-8.4, -4.0)	-15.9 (-18.3, -13.5)	-34.1 (-37.2, -31.0)
Jiangxi	Shangrao	-6.3 (-7.9, -4.7)	-16.6 (-18.9, -14.4)	-34.1 (-35.9, -32.4)	-6.3 (-8.5, -4.0)	-16.4 (-18.8, -14.0)	-34.5 (-37.5, -31.4)
Shandong	Jinan	-5.4 (-8.3, -2.4)	-15.0 (-17.7, -12.3)	-32.4 (-34.9, -29.8)	-4.8 (-7.3, -2.3)	-13.7 (-16.1, -11.2)	-29.7 (-32.8, -26.5)
Shandong	Qingdao	-5.4 (-8.0, -2.7)	-15.0 (-17.6, -12.4)	-32.4 (-35.0, -29.9)	-5.0 (-7.3, -2.8)	-13.9 (-16.5, -11.3)	-30.0 (-33.0, -27.0)
Shandong	Zibo	-5.1 (-8.1, -2.1)	-14.7 (-17.7, -11.7)	-32.1 (-34.8, -29.4)	-4.8 (-7.4, -2.3)	-13.4 (-16.4, -10.4)	-29.2 (-33.0, -25.4)
Shandong	Zaozhuang	-5.6 (-8.2, -3.1)	-15.4 (-17.7, -13.2)	-32.9 (-34.8, -31.0)	-5.4 (-7.5, -3.3)	-14.4 (-17.0, -11.9)	-30.8 (-33.8, -27.8)
Shandong	Dongying	-5.2 (-8.0, -2.4)	-14.9 (-17.6, -12.1)	-32.2 (-34.9, -29.5)	-4.9 (-7.5, -2.3)	-13.7 (-16.4, -11.0)	-29.6 (-33.1, -26.1)
Shandong	Yantai	-5.2 (-8.4, -2.1)	-15.0 (-18.1, -11.9)	-32.4 (-35.1, -29.6)	-4.9 (-7.8, -2.1)	-13.9 (-16.5, -11.3)	-30.0 (-33.2, -26.9)
Shandong	Weifang	-5.4 (-8.0, -2.9)	-15.2 (-17.7, -12.6)	-32.5 (-34.8, -30.1)	-5.1 (-7.4, -2.7)	-14.1 (-16.7, -11.6)	-30.4 (-33.5, -27.2)
Shandong	Jining	-5.6 (-8.2, -3.1)	-15.4 (-17.7, -13.2)	-32.9 (-34.8, -31.0)	-5.4 (-7.5, -3.3)	-14.4 (-17.0, -11.9)	-30.8 (-33.8, -27.8)
Shandong	Tai'an	-2.7 (-8.4, 3.0)	-10.6 (-16.5, -4.8)	-27.7 (-34.2, -21.3)	-1.6 (-6.4, 3.1)	-7.3 (-13.8, -0.8)	-19.0 (-27.1, -10.8)
Shandong	Weihai	-5.2 (-8.4, -2.1)	-15.0 (-18.1, -11.9)	-32.4 (-35.1, -29.6)	-4.9 (-7.8, -2.1)	-13.9 (-16.5, -11.3)	-30.0 (-33.2, -26.9)
Shandong	Rizhao	-5.5 (-8.5, -2.6)	-15.1 (-17.9, -12.3)	-32.5 (-35.3, -29.7)	-5.1 (-7.3, -2.9)	-14.1 (-16.6, -11.5)	-30.1 (-32.8, -27.3)
Shandong	Laiwu	-5.4 (-8.3, -2.4)	-15.0 (-17.7, -12.3)	-32.4 (-34.9, -29.8)	-4.8 (-7.3, -2.3)	-13.7 (-16.1, -11.2)	-29.7 (-32.8, -26.5)
Shandong	Linyi	-5.4 (-8.5, -2.3)	-14.9 (-17.7, -12.2)	-32.3 (-34.8, -29.9)	-5.0 (-7.3, -2.6)	-13.7 (-16.6, -10.8)	-29.6 (-33.1, -26.1)
Shandong	Dezhou	-5.5 (-8.0, -3.1)	-15.2 (-17.6, -12.9)	-32.6 (-34.9, -30.3)	-5.1 (-7.5, -2.7)	-14.0 (-16.6, -11.5)	-30.2 (-33.8, -26.7)
Shandong	Liaocheng	-5.5 (-8.1, -3.0)	-15.2 (-17.6, -12.9)	-32.7 (-34.8, -30.6)	-5.3 (-7.4, -3.1)	-14.2 (-16.6, -11.8)	-30.6 (-33.7, -27.5)
Shandong	Binzhou	-5.2 (-8.0, -2.4)	-14.9 (-17.6, -12.1)	-32.2 (-34.9, -29.5)	-4.9 (-7.5, -2.3)	-13.7 (-16.4, -11.0)	-29.6 (-33.1, -26.1)
Shandong	Heze	-5.5 (-8.1, -3.0)	-15.2 (-17.6, -12.9)	-32.7 (-34.8, -30.6)	-5.3 (-7.4, -3.1)	-14.2 (-16.6, -11.8)	-30.6 (-33.7, -27.5)
<b>Central region</b>							
Henan	Zhengzhou	-7.7 (-10.7, -4.7)	-18.5 (-21.7, -15.2)	-35.8 (-38.6, -33.0)	-7.8 (-11.6, -4.0)	-19.2 (-23.3, -15.0)	-38.7 (-44.2, -33.2)
Henan	Kaifeng	-7.6 (-11.0, -4.3)	-18.3 (-21.5, -15.1)	-35.9 (-39.0, -32.7)	-7.3 (-10.7, -3.9)	-18.8 (-22.7, -15.0)	-38.2 (-43.6, -32.9)
Henan	Luoyang	-7.1 (-10.0, -4.1)	-17.3 (-20.1, -14.5)	-34.8 (-37.2, -32.4)	-6.6 (-9.9, -3.4)	-17.3 (-21.1, -13.5)	-36.0 (-40.2, -31.8)
Henan	Pingdingshan	-7.9 (-10.7, -5.2)	-18.9 (-22.0, -15.9)	-36.5 (-39.4, -33.5)	-7.9 (-11.3, -4.6)	-19.9 (-23.7, -16.0)	-40.0 (-45.3, -34.8)
Henan	Anyang	-7.2 (-11.0, -3.4)	-17.9 (-21.2, -14.7)	-35.5 (-38.8, -32.2)	-6.9 (-10.6, -3.3)	-18.1 (-22.1, -14.1)	-37.5 (-42.9, -32.1)
Henan	Hebi	-7.2 (-11.0, -3.4)	-17.9 (-21.2, -14.7)	-35.5 (-38.8, -32.2)	-6.9 (-10.6, -3.3)	-18.1 (-22.1, -14.1)	-37.5 (-42.9, -32.1)
Henan	Xinxiang	-7.6 (-10.6, -4.6)	-18.3 (-21.4, -15.1)	-35.7 (-38.7, -32.7)	-7.2 (-10.9, -3.4)	-18.4 (-22.3, -14.5)	-37.7 (-42.7, -32.6)
Henan	Jiaozuo	-7.6 (-10.6, -4.6)	-18.3 (-21.4, -15.1)	-35.7 (-38.7, -32.7)	-7.2 (-10.9, -3.4)	-18.4 (-22.3, -14.5)	-37.7 (-42.7, -32.6)
Henan	Puyang	-6.7 (-10.0, -3.4)	-17.3 (-21.0, -13.5)	-34.8 (-38.0, -31.7)	-7.0 (-10.4, -3.6)	-17.7 (-21.7, -13.6)	-36.4 (-41.6, -31.3)
Henan	Xuchang	-7.8 (-10.4, -5.2)	-18.9 (-22.2, -15.6)	-36.4 (-39.4, -33.4)	-8.0 (-11.4, -4.5)	-19.7 (-24.2, -15.2)	-39.5 (-45.3, -33.8)
Henan	Luohe	-7.5 (-10.4, -4.5)	-18.5 (-21.5, -15.4)	-36.0 (-39.1, -33.0)	-7.6 (-11.1, -4.2)	-19.3 (-23.3, -15.3)	-39.2 (-44.8, -33.6)
Henan	Sanmenxia	-7.6 (-10.3, -4.9)	-18.5 (-21.5, -15.5)	-36.0 (-38.5, -33.5)	-7.7 (-11.4, -4.0)	-19.3 (-23.5, -15.0)	-39.2 (-44.7, -33.7)
Henan	Nanyang	-7.7 (-10.8, -4.6)	-19.0 (-22.3, -15.6)	-36.5 (-40.4, -32.7)	-8.0 (-11.3, -4.6)	-19.9 (-23.9, -15.9)	-40.1 (-45.2, -34.9)
Henan	Shangqiu	-7.6 (-10.6, -4.5)	-18.4 (-21.7, -15.2)	-35.9 (-39.0, -32.8)	-7.5 (-11.0, -4.0)	-18.8 (-23.0, -14.6)	-38.5 (-43.7, -33.3)
Henan	Xinyang	-8.3 (-11.6, -5.0)	-19.7 (-23.9, -15.5)	-37.2 (-41.1, -33.4)	-8.4 (-12.2, -4.5)	-20.7 (-25.7, -15.8)	-41.6 (-48.4, -34.9)
Henan	Zhoukou	-7.5 (-10.4, -4.5)	-18.5 (-21.5, -15.4)	-36.0 (-39.1, -33.0)	-7.6 (-11.1, -4.2)	-19.3 (-23.3, -15.3)	-39.2 (-44.8, -33.6)
Henan	Zhumadian	-8.2 (-12.0, -4.4)	-19.4 (-23.6, -15.2)	-36.8 (-40.8, -32.8)	-8.0 (-12.2, -3.9)	-20.1 (-25.0, -15.2)	-40.6 (-47.1, -34.0)
Henan	Jiyuan	-7.1 (-10.0, -4.1)	-17.3 (-20.1, -14.5)	-34.8 (-37.2, -32.4)	-6.6 (-9.9, -3.4)	-17.3 (-21.1, -13.5)	-36.0 (-40.2, -31.8)
Hubei	Wuhan	-8.9 (-13.3, -4.6)	-21.3 (-26.4, -16.2)	-39.3 (-44.6, -34.0)	-9.5 (-14.6, -4.3)	-23.3 (-31.3, -15.4)	-46.5 (-55.7, -37.4)
Hubei	Huangshi	-9.3 (-13.8, -4.9)	-22.4 (-27.6, -17.2)	-40.3 (-46.5, -34.2)	-10.7 (-15.9, -5.5)	-25.1 (-33.4, -16.9)	-49.1 (-58.9, -39.3)
Hubei	Shiyan	-7.8 (-10.9, -4.7)	-19.2 (-22.4, -16.1)	-37.1 (-41.2, -33.0)	-8.2 (-11.8, -4.6)	-20.5 (-24.6, -16.4)	-41.7 (-47.3, -36.1)

Hubei	Yichang	-9.5 (-14.3, -4.7)	-21.9 (-26.8, -17.1)	-40.0 (-46.2, -33.9)	-10.4 (-15.0, -5.9)	-24.7 (-31.1, -18.3)	-48.6 (-56.8, -40.4)
Hubei	Xiangyang	-8.7 (-12.4, -5.0)	-20.4 (-24.7, -16.2)	-38.4 (-43.9, -32.9)	-9.2 (-13.6, -4.8)	-22.4 (-28.3, -16.5)	-44.3 (-51.6, -37.0)
Hubei	Ezhou	-9.3 (-13.8, -4.9)	-22.4 (-27.6, -17.2)	-40.3 (-46.5, -34.2)	-10.7 (-15.9, -5.5)	-25.1 (-33.4, -16.9)	-49.1 (-58.9, -39.3)
Hubei	Jingmen	-9.1 (-13.4, -4.7)	-21.2 (-25.7, -16.6)	-39.1 (-44.8, -33.5)	-9.6 (-14.1, -5.1)	-23.3 (-29.6, -17.1)	-46.3 (-53.7, -39.0)
Hubei	Xiaogan	-9.1 (-13.8, -4.4)	-21.6 (-27.0, -16.1)	-39.6 (-45.3, -33.9)	-9.6 (-15.2, -4.1)	-23.7 (-32.2, -15.2)	-47.3 (-57.1, -37.6)
Hubei	Jingzhou	-8.8 (-13.8, -3.8)	-21.0 (-25.8, -16.3)	-39.2 (-44.2, -34.1)	-9.4 (-13.1, -5.7)	-22.9 (-27.9, -17.9)	-46.4 (-52.8, -40.0)
Hubei	Huanggang	-9.3 (-13.8, -4.9)	-22.4 (-27.6, -17.2)	-40.3 (-46.5, -34.2)	-10.7 (-15.9, -5.5)	-25.1 (-33.4, -16.9)	-49.1 (-58.9, -39.3)
Hubei	Xianning	-9.5 (-14.1, -5.0)	-22.4 (-27.8, -17.0)	-40.4 (-46.5, -34.2)	-10.2 (-15.7, -4.7)	-24.8 (-33.2, -16.4)	-48.9 (-58.5, -39.2)
Hubei	Suizhou	-8.5 (-11.8, -5.2)	-20.3 (-24.1, -16.6)	-38.1 (-43.1, -33.2)	-9.1 (-13.5, -4.6)	-22.0 (-27.6, -16.3)	-43.8 (-50.6, -37.0)
Hubei	Enshi	-9.3 (-13.3, -5.3)	-21.7 (-26.0, -17.4)	-39.7 (-43.9, -35.5)	-10.3 (-13.7, -6.8)	-23.9 (-29.4, -18.3)	-47.5 (-55.3, -39.8)
Hubei	Xiantao	-8.9 (-13.6, -4.1)	-20.9 (-25.8, -16.1)	-39.2 (-44.0, -34.4)	-9.4 (-13.3, -5.5)	-22.8 (-27.9, -17.7)	-46.1 (-52.2, -40.0)
Hubei	Qianjiang	-8.9 (-13.6, -4.1)	-20.9 (-25.8, -16.1)	-39.2 (-44.0, -34.4)	-9.4 (-13.3, -5.5)	-22.8 (-27.9, -17.7)	-46.1 (-52.2, -40.0)
Hubei	Tianmen	-8.9 (-13.7, -4.0)	-21.0 (-25.9, -16.0)	-39.3 (-44.2, -34.4)	-9.4 (-13.4, -5.5)	-22.9 (-28.1, -17.7)	-46.3 (-52.5, -40.1)
Hubei	Shennongjia	-8.0 (-11.7, -4.3)	-19.6 (-23.3, -15.9)	-37.6 (-42.4, -32.7)	-8.5 (-12.8, -4.2)	-21.1 (-26.0, -16.3)	-43.1 (-49.7, -36.4)
Hunan	Zhangsha	-6.6 (-9.9, -3.3)	-17.2 (-20.3, -14.2)	-35.1 (-37.5, -32.6)	-6.8 (-8.9, -4.7)	-17.6 (-20.0, -15.1)	-36.8 (-39.6, -34.0)
Hunan	Chuzhou	-4.7 (-7.7, -1.8)	-13.9 (-17.5, -10.3)	-31.3 (-34.1, -28.6)	-4.2 (-7.2, -1.1)	-12.4 (-15.9, -8.9)	-28.5 (-33.2, -23.8)
Hunan	Xiangtan	-4.7 (-7.7, -1.8)	-13.9 (-17.5, -10.3)	-31.3 (-34.1, -28.6)	-4.2 (-7.2, -1.1)	-12.4 (-15.9, -8.9)	-28.5 (-33.2, -23.8)
Hunan	Hengyang	-7.1 (-10.0, -4.2)	-18.0 (-21.1, -14.9)	-35.7 (-38.2, -33.3)	-7.3 (-9.9, -4.7)	-18.6 (-21.7, -15.5)	-38.4 (-41.8, -35.0)
Hunan	Shaoyang	-6.8 (-9.3, -4.3)	-17.4 (-20.1, -14.7)	-35.2 (-37.3, -33.1)	-7.0 (-9.2, -4.8)	-17.7 (-20.6, -14.9)	-36.8 (-39.8, -33.8)
Hunan	Yueyang	-6.9 (-10.0, -3.8)	-17.5 (-20.1, -15.0)	-35.4 (-37.5, -33.2)	-7.0 (-8.8, -5.3)	-17.8 (-19.9, -15.7)	-36.9 (-39.3, -34.4)
Hunan	Changde	-6.9 (-9.9, -3.8)	-17.5 (-20.2, -14.8)	-35.3 (-37.5, -33.1)	-6.9 (-8.9, -5.0)	-17.9 (-20.3, -15.5)	-36.9 (-39.8, -34.0)
Hunan	Zhangjiajie	-7.0 (-9.5, -4.5)	-17.5 (-19.8, -15.2)	-35.2 (-37.1, -33.4)	-7.0 (-9.1, -4.9)	-17.8 (-20.4, -15.1)	-36.8 (-39.7, -33.9)
Hunan	Yiyang	-6.8 (-9.9, -3.8)	-17.4 (-20.2, -14.6)	-35.2 (-37.5, -33.0)	-7.0 (-9.0, -4.9)	-17.8 (-20.2, -15.4)	-36.9 (-39.8, -34.0)
Hunan	Chenzhou	-7.3 (-10.3, -4.3)	-18.2 (-21.3, -15.1)	-36.1 (-38.8, -33.4)	-7.7 (-10.2, -5.1)	-18.9 (-22.4, -15.4)	-39.1 (-43.3, -34.9)
Hunan	Yongzhou	-7.2 (-9.6, -4.8)	-18.0 (-20.5, -15.4)	-35.7 (-37.8, -33.5)	-7.4 (-9.7, -5.0)	-18.5 (-21.5, -15.5)	-38.0 (-41.4, -34.6)
Hunan	Huaihua	-6.8 (-9.2, -4.3)	-17.2 (-20.1, -14.2)	-35.0 (-36.7, -33.3)	-6.9 (-9.1, -4.7)	-17.5 (-20.5, -14.4)	-36.3 (-39.9, -32.8)
Hunan	Loudi	-6.9 (-9.8, -4.0)	-17.4 (-20.6, -14.3)	-35.3 (-37.6, -33.0)	-7.0 (-9.2, -4.8)	-17.7 (-20.7, -14.8)	-37.0 (-40.2, -33.9)
Hunan	Xiangxi	-6.8 (-9.1, -4.5)	-17.5 (-19.8, -15.2)	-35.2 (-37.1, -33.2)	-7.0 (-9.2, -4.9)	-17.8 (-20.6, -15.0)	-36.9 (-40.1, -33.7)
<b>South</b>							
Guangdong	Guangzhou	-3.4 (-7.4, 0.6)	-12.2 (-16.8, -7.6)	-29.2 (-33.6, -24.8)	-3.0 (-6.7, 0.7)	-9.8 (-15.8, -3.9)	-25.3 (-32.1, -18.5)
Guangdong	Shaoguan	-3.4 (-7.3, 0.5)	-12.1 (-17.1, -7.2)	-29.3 (-34.0, -24.6)	-3.0 (-6.8, 0.8)	-9.9 (-16.5, -3.3)	-25.0 (-33.1, -17.0)
Guangdong	Shenzhen	-3.3 (-6.9, 0.2)	-12.2 (-16.6, -7.8)	-29.4 (-33.5, -25.3)	-2.8 (-6.5, 0.9)	-9.9 (-15.7, -4.1)	-26.3 (-32.7, -20.0)
Guangdong	Zhuhai	-3.3 (-6.9, 0.2)	-12.2 (-16.6, -7.8)	-29.4 (-33.5, -25.3)	-2.8 (-6.5, 0.9)	-9.9 (-15.7, -4.1)	-26.3 (-32.7, -20.0)
Guangdong	Shantou	-2.3 (-6.3, 1.8)	-10.9 (-15.8, -6.1)	-28.0 (-33.0, -22.9)	-2.2 (-6.6, 2.3)	-8.4 (-15.0, -1.9)	-23.8 (-31.3, -16.2)
Guangdong	Foshan	-3.4 (-7.4, 0.6)	-12.2 (-16.8, -7.6)	-29.2 (-33.6, -24.8)	-3.0 (-6.7, 0.7)	-9.8 (-15.8, -3.9)	-25.3 (-32.1, -18.5)
Guangdong	Jiangmen	-2.8 (-7.5, 2.0)	-11.1 (-18.0, -4.1)	-28.0 (-34.4, -21.6)	-2.1 (-7.0, 2.8)	-8.2 (-15.6, -0.7)	-24.4 (-30.4, -18.4)
Guangdong	Zhanjiang	-3.6 (-8.4, 1.3)	-12.5 (-18.6, -6.3)	-29.7 (-35.2, -24.3)	-3.5 (-7.8, 0.8)	-10.6 (-17.0, -4.3)	-27.5 (-32.9, -22.1)
Guangdong	Maoming	-3.4 (-7.5, 0.7)	-12.0 (-17.7, -6.3)	-29.2 (-34.5, -23.9)	-3.2 (-7.5, 1.1)	-10.0 (-16.4, -3.5)	-26.0 (-31.8, -20.2)
Guangdong	Zhaoqing	-3.6 (-7.5, 0.3)	-12.4 (-17.3, -7.5)	-29.6 (-33.9, -25.2)	-3.0 (-6.4, 0.4)	-10.1 (-16.0, -4.2)	-25.6 (-32.2, -19.0)
Guangdong	Huizhou	-3.2 (-7.0, 0.7)	-11.9 (-16.5, -7.3)	-29.0 (-33.5, -24.5)	-2.7 (-6.7, 1.4)	-9.4 (-15.9, -2.8)	-25.2 (-32.2, -18.1)
Guangdong	Meizhou	-3.1 (-6.5, 0.3)	-11.9 (-16.5, -7.3)	-29.0 (-33.4, -24.6)	-2.9 (-7.3, 1.5)	-9.4 (-16.5, -2.4)	-25.2 (-33.1, -17.2)
Guangdong	Shanwei	-3.0 (-6.9, 1.0)	-11.7 (-16.2, -7.1)	-28.8 (-33.3, -24.2)	-2.5 (-6.6, 1.6)	-9.2 (-15.1, -3.3)	-24.7 (-31.4, -18.0)
Guangdong	Heyuan	-3.0 (-6.8, 0.8)	-11.7 (-16.2, -7.2)	-28.8 (-33.4, -24.3)	-2.7 (-6.9, 1.6)	-9.4 (-16.0, -2.7)	-25.0 (-32.5, -17.4)
Guangdong	Yangjiang	-2.9 (-7.6, 1.8)	-11.1 (-18.2, -4.1)	-28.2 (-34.5, -22.0)	-2.4 (-7.0, 2.3)	-8.5 (-15.8, -1.2)	-24.7 (-30.3, -19.1)
Guangdong	Qingyuan	-2.9 (-6.9, 1.0)	-11.4 (-16.1, -6.7)	-28.4 (-33.0, -23.8)	-2.5 (-6.5, 1.4)	-8.7 (-15.2, -2.2)	-23.3 (-31.0, -15.6)
Guangdong	Dongguan	-3.0 (-7.1, 1.1)	-11.6 (-16.4, -6.8)	-28.7 (-33.2, -24.1)	-2.6 (-6.4, 1.2)	-9.0 (-15.3, -2.8)	-24.2 (-31.0, -17.4)
Guangdong	Zhongshan	-2.8 (-7.5, 2.0)	-11.1 (-18.0, -4.1)	-28.0 (-34.4, -21.6)	-2.1 (-7.0, 2.8)	-8.2 (-15.6, -0.7)	-24.4 (-30.4, -18.4)
Guangdong	Chaozhou	-2.3 (-6.3, 1.8)	-10.9 (-15.8, -6.1)	-28.0 (-33.0, -22.9)	-2.2 (-6.6, 2.3)	-8.4 (-15.0, -1.9)	-23.8 (-31.3, -16.2)
Guangdong	Jieyang	-2.3 (-6.3, 1.8)	-10.9 (-15.8, -6.1)	-28.0 (-33.0, -22.9)	-2.2 (-6.6, 2.3)	-8.4 (-15.0, -1.9)	-23.8 (-31.3, -16.2)
Guangdong	Yunfu	-3.6 (-7.5, 0.3)	-12.4 (-17.3, -7.5)	-29.6 (-33.9, -25.2)	-3.0 (-6.4, 0.4)	-10.1 (-16.0, -4.2)	-25.6 (-32.2, -19.0)
Guangxi	Nanning	-5.4 (-8.8, -2.0)	-14.9 (-19.4, -10.5)	-32.4 (-35.5, -29.4)	-5.3 (-8.2, -2.5)	-14.5 (-19.2, -9.7)	-32.4 (-38.5, -26.4)
Guangxi	Liuzhou	-5.5 (-7.9, -3.2)	-15.3 (-18.5, -12.1)	-32.7 (-35.6, -29.7)	-5.5 (-8.7, -2.4)	-14.7 (-19.7, -9.7)	-32.9 (-40.1, -25.8)
Guangxi	Guilin	-5.2 (-7.7, -2.7)	-14.6 (-18.9, -10.3)	-32.1 (-34.8, -29.5)	-4.7 (-7.5, -1.8)	-13.6 (-18.5, -8.7)	-31.2 (-38.3, -24.1)
Guangxi	Wuzhou	-4.9 (-8.4, -1.3)	-14.5 (-19.3, -9.6)	-31.9 (-35.4, -28.5)	-4.6 (-7.9, -1.3)	-13.4 (-19.1, -7.6)	-31.4 (-38.4, -24.3)
Guangxi	Beihai	-5.2 (-9.1, -1.3)	-14.8 (-19.8, -9.8)	-32.4 (-36.3, -28.5)	-5.1 (-8.5, -1.6)	-14.1 (-18.7, -9.5)	-33.5 (-39.6, -27.4)
Guangxi	Fangchenggang	-5.1 (-8.7, -1.6)	-14.5 (-19.1, -9.9)	-31.9 (-35.5, -28.3)	-5.2 (-8.1, -2.2)	-13.6 (-17.9, -9.4)	-31.8 (-38.4, -25.1)
Guangxi	Qinzhou	-4.9 (-8.8, -1.0)	-14.3 (-19.5, -9.2)	-31.7 (-35.6, -27.9)	-4.7 (-8.2, -1.3)	-13.4 (-18.5, -8.3)	-32.0 (-37.5, -26.5)
Guangxi	Guigang	-5.4 (-8.1, -2.7)	-15.1 (-19.1, -11.0)	-32.3 (-35.5, -29.1)	-5.3 (-8.0, -2.6)	-14.2 (-19.2, -9.3)	-31.9 (-39.0, -24.8)
Guangxi	Yulin	-5.0 (-8.1, -1.9)	-14.5 (-18.5, -10.5)	-31.8 (-35.2, -28.4)	-4.8 (-8.0, -1.6)	-13.4 (-18.3, -8.5)	-30.9 (-37.2, -24.5)
Guangxi	Baise	-6.0 (-9.2, -2.7)	-15.8 (-20.0, -11.7)	-33.5 (-36.6, -30.5)	-5.9 (-8.6, -3.2)	-15.6 (-19.9, -11.3)	-34.6 (-41.0, -28.2)

Guangxi	Hezhou	-5.1 (-8.5, -1.7)	-14.7 (-19.4, -10.1)	-32.1 (-35.5, -28.8)	-4.7 (-8.2, -1.3)	-13.7 (-19.4, -7.9)	-31.4 (-38.7, -24.1)
Guangxi	Hechi	-5.2 (-8.5, -1.8)	-14.8 (-18.9, -10.7)	-32.4 (-35.5, -29.3)	-5.2 (-8.1, -2.3)	-14.5 (-19.2, -9.8)	-32.5 (-39.3, -25.7)
Guangxi	Laibin	-5.2 (-7.9, -2.5)	-14.6 (-18.6, -10.7)	-32.0 (-35.2, -28.9)	-5.1 (-8.3, -1.9)	-13.8 (-18.8, -8.9)	-31.6 (-39.0, -24.1)
Guangxi	Chongzuo	-5.3 (-8.3, -2.2)	-14.7 (-19.2, -10.1)	-32.3 (-35.7, -28.8)	-5.4 (-7.9, -3.0)	-14.4 (-18.5, -10.3)	-32.3 (-37.4, -27.1)
Hainan	Haikou	-7.5 (-11.1, -4.0)	-19.8 (-25.9, -13.7)	-38.1 (-45.2, -31.0)	-8.9 (-12.3, -5.6)	-22.3 (-29.2, -15.5)	-47.8 (-60.1, -35.6)
Hainan	Sanya	-8.9 (-12.3, -5.4)	-21.4 (-26.8, -16.1)	-39.9 (-47.0, -32.9)	-9.5 (-12.8, -6.2)	-24.2 (-32.3, -16.2)	-50.9 (-67.4, -34.3)
Hainan	Wuzhishan	-5.9 (-9.3, -2.5)	-16.9 (-21.1, -12.7)	-35.1 (-40.3, -29.9)	-6.3 (-9.6, -3.1)	-18.0 (-23.5, -12.4)	-43.0 (-57.4, -28.5)
Hainan	Qionghai	-8.0 (-11.3, -4.6)	-20.2 (-24.9, -15.5)	-38.5 (-44.8, -32.1)	-8.8 (-12.1, -5.6)	-22.5 (-29.0, -16.1)	-48.8 (-63.4, -34.2)
Hainan	Danzhou	-7.7 (-11.3, -4.0)	-19.6 (-24.8, -14.5)	-37.9 (-44.7, -31.0)	-8.3 (-11.1, -5.5)	-21.5 (-28.6, -14.3)	-46.9 (-62.9, -30.8)
Hainan	Wenchang	-8.0 (-11.3, -4.6)	-20.2 (-24.9, -15.5)	-38.5 (-44.8, -32.1)	-8.8 (-12.1, -5.6)	-22.5 (-29.0, -16.1)	-48.8 (-63.4, -34.2)
Hainan	Wanning	-8.0 (-11.4, -4.5)	-20.3 (-25.1, -15.5)	-38.6 (-45.0, -32.1)	-8.9 (-12.2, -5.6)	-22.6 (-29.2, -16.0)	-49.1 (-63.9, -34.2)
Hainan	Dongfang	-7.9 (-12.0, -3.7)	-20.3 (-26.1, -14.6)	-38.6 (-46.3, -31.0)	-8.9 (-11.6, -6.2)	-22.8 (-30.8, -14.9)	-48.9 (-67.0, -30.8)
Hainan	Ding'an	-7.5 (-11.2, -3.9)	-19.9 (-26.1, -13.7)	-38.1 (-45.4, -30.9)	-9.0 (-12.4, -5.6)	-22.4 (-29.4, -15.4)	-48.1 (-60.7, -35.6)
Hainan	Tunchang	-8.1 (-11.8, -4.4)	-20.5 (-25.7, -15.3)	-38.8 (-45.8, -31.9)	-9.0 (-12.6, -5.5)	-23.0 (-30.1, -15.9)	-50.1 (-66.1, -34.2)
Hainan	Chengmai	-7.5 (-11.1, -4.0)	-19.8 (-25.9, -13.7)	-38.1 (-45.2, -31.0)	-8.9 (-12.3, -5.6)	-22.3 (-29.2, -15.5)	-47.8 (-60.1, -35.6)
Hainan	Lingao	-7.7 (-11.6, -3.8)	-19.8 (-25.2, -14.4)	-38.0 (-45.3, -30.8)	-8.4 (-11.4, -5.4)	-21.7 (-29.2, -14.2)	-47.5 (-64.5, -30.6)
Hainan	Baisha	-7.7 (-11.4, -3.9)	-19.7 (-24.9, -14.4)	-37.9 (-44.9, -30.9)	-8.3 (-11.2, -5.4)	-21.6 (-28.8, -14.3)	-47.1 (-63.5, -30.7)
Hainan	Changjiang	-7.9 (-12.0, -3.7)	-20.3 (-26.1, -14.6)	-38.6 (-46.3, -31.0)	-8.9 (-11.6, -6.2)	-22.8 (-30.8, -14.9)	-48.9 (-67.0, -30.8)
Hainan	Ledong	-8.9 (-12.3, -5.4)	-21.4 (-26.8, -16.1)	-39.9 (-47.0, -32.9)	-9.5 (-12.8, -6.2)	-24.2 (-32.3, -16.2)	-50.9 (-67.4, -34.3)
Hainan	Lingshui	-8.3 (-11.9, -4.8)	-20.5 (-25.8, -15.3)	-39.1 (-45.3, -32.8)	-8.8 (-12.2, -5.4)	-22.9 (-30.2, -15.5)	-50.9 (-67.6, -34.3)
Hainan	Baoting	-8.4 (-12.2, -4.6)	-20.7 (-26.3, -15.1)	-39.3 (-45.9, -32.7)	-8.9 (-12.6, -5.3)	-23.2 (-31.0, -15.4)	-51.9 (-69.5, -34.2)
Hainan	Qiongzong	-5.9 (-9.3, -2.5)	-16.9 (-21.1, -12.7)	-35.1 (-40.3, -29.9)	-6.3 (-9.6, -3.1)	-18.0 (-23.5, -12.4)	-43.0 (-57.4, -28.5)
<b>Southwest</b>							
Chongqing	Chongqing	-6.6 (-9.2, -3.9)	-16.9 (-19.4, -14.5)	-34.7 (-36.6, -32.7)	-6.5 (-8.2, -4.8)	-16.9 (-19.2, -14.6)	-35.7 (-38.5, -33.0)
Sichuan	Chengdu	-6.8 (-9.3, -4.3)	-16.9 (-19.2, -14.5)	-34.8 (-37.0, -32.6)	-6.6 (-9.0, -4.2)	-17.0 (-19.6, -14.5)	-36.2 (-40.3, -32.2)
Sichuan	Zigong	-7.8 (-11.8, -3.7)	-18.8 (-23.0, -14.6)	-37.0 (-40.8, -33.2)	-8.1 (-11.3, -4.9)	-20.0 (-24.5, -15.5)	-41.9 (-48.7, -35.0)
Sichuan	Panzhihua	-12.7 (-18.4, -7.1)	-26.5 (-32.2, -20.9)	-45.8 (-52.9, -38.6)	-14.1 (-18.5, -9.7)	-32.0 (-39.8, -24.2)	-62.4 (-76.0, -48.8)
Sichuan	Luzhou	-8.4 (-13.0, -3.7)	-20.1 (-25.0, -15.3)	-38.1 (-42.2, -33.9)	-9.1 (-13.4, -4.7)	-21.7 (-26.9, -16.6)	-44.6 (-53.1, -36.2)
Sichuan	Deyang	-7.3 (-10.4, -4.2)	-17.7 (-20.9, -14.6)	-35.7 (-38.5, -32.9)	-7.1 (-9.4, -4.8)	-18.2 (-21.1, -15.3)	-38.2 (-42.6, -33.9)
Sichuan	Mianyang	-7.3 (-10.4, -4.2)	-17.7 (-20.9, -14.6)	-35.7 (-38.5, -32.9)	-7.1 (-9.4, -4.8)	-18.2 (-21.1, -15.3)	-38.2 (-42.6, -33.9)
Sichuan	Guangyuan	-7.0 (-9.8, -4.1)	-17.6 (-20.3, -14.8)	-35.3 (-38.1, -32.6)	-7.1 (-10.0, -4.2)	-18.1 (-21.7, -14.4)	-38.3 (-43.0, -33.5)
Sichuan	Suining	-7.4 (-10.9, -3.9)	-18.3 (-22.1, -14.5)	-36.5 (-40.4, -32.5)	-7.9 (-10.9, -4.8)	-19.5 (-23.5, -15.5)	-40.4 (-45.9, -34.9)
Sichuan	Neijiang	-7.6 (-11.1, -4.1)	-18.6 (-22.2, -15.0)	-36.7 (-40.0, -33.4)	-7.9 (-10.7, -5.1)	-19.6 (-23.5, -15.8)	-40.9 (-46.8, -35.0)
Sichuan	Leshan	-7.5 (-10.1, -4.9)	-18.2 (-20.9, -15.5)	-36.2 (-38.8, -33.6)	-7.7 (-10.7, -4.7)	-19.0 (-22.6, -15.3)	-39.9 (-45.6, -34.3)
Sichuan	Nanchong	-7.7 (-11.7, -3.8)	-18.8 (-23.1, -14.5)	-36.9 (-40.9, -32.9)	-8.2 (-11.4, -4.9)	-20.1 (-24.2, -16.1)	-41.2 (-46.7, -35.6)
Sichuan	Meishan	-7.5 (-10.2, -4.8)	-18.2 (-21.0, -15.5)	-36.3 (-38.9, -33.6)	-7.7 (-10.8, -4.6)	-19.0 (-22.8, -15.3)	-40.1 (-45.9, -34.2)
Sichuan	Yibin	-7.9 (-12.6, -3.2)	-19.1 (-23.9, -14.2)	-37.4 (-41.7, -33.0)	-8.3 (-12.0, -4.6)	-20.4 (-25.6, -15.3)	-43.0 (-50.9, -35.1)
Sichuan	Guibian	-7.7 (-11.7, -3.8)	-18.8 (-23.1, -14.5)	-36.9 (-40.9, -32.9)	-8.2 (-11.4, -4.9)	-20.1 (-24.2, -16.1)	-41.2 (-46.7, -35.6)
Sichuan	Dazhou	-7.7 (-11.0, -4.4)	-18.7 (-22.5, -14.9)	-36.8 (-40.4, -33.3)	-8.1 (-11.4, -4.8)	-20.1 (-24.1, -16.0)	-41.5 (-47.0, -36.0)
Sichuan	Ya'an	-7.0 (-9.8, -4.3)	-17.5 (-20.1, -15.0)	-35.5 (-37.8, -33.1)	-7.2 (-9.8, -4.6)	-18.0 (-20.8, -15.2)	-37.9 (-42.3, -33.5)
Sichuan	Bazhong	-7.4 (-10.3, -4.6)	-18.3 (-21.5, -15.1)	-36.2 (-39.2, -33.2)	-7.7 (-10.4, -5.1)	-19.2 (-22.8, -15.7)	-39.8 (-44.8, -34.9)
Sichuan	Ziyang	-7.5 (-11.2, -3.7)	-18.4 (-22.5, -14.3)	-36.6 (-40.8, -32.4)	-7.9 (-11.2, -4.7)	-19.7 (-24.0, -15.3)	-40.8 (-46.7, -34.9)
Sichuan	Aba	-4.5 (-7.3, -1.7)	-14.0 (-17.0, -11.0)	-31.5 (-34.1, -29.0)	-4.0 (-6.7, -1.3)	-12.4 (-15.4, -9.5)	-28.7 (-32.3, -25.0)
Sichuan	Garze	-2.8 (-6.8, 1.2)	-11.2 (-15.4, -7.0)	-28.5 (-32.8, -24.2)	-1.9 (-5.5, 1.8)	-8.3 (-12.6, -3.9)	-21.4 (-26.3, -16.4)
Sichuan	Liangshan	-8.1 (-10.2, -6.1)	-19.4 (-21.4, -17.4)	-37.4 (-39.5, -35.2)	-8.3 (-10.2, -6.4)	-20.6 (-23.1, -18.0)	-43.2 (-48.8, -37.6)
Guizhou	Guiyang	-8.1 (-11.7, -4.4)	-20.0 (-23.5, -16.5)	-38.0 (-41.3, -34.8)	-8.9 (-12.0, -5.8)	-21.7 (-26.5, -16.9)	-44.1 (-51.5, -36.7)
Guizhou	Liupanshui	-6.3 (-8.8, -3.8)	-16.7 (-19.3, -14.1)	-34.4 (-36.8, -31.9)	-6.4 (-8.4, -4.5)	-16.5 (-18.6, -14.4)	-35.9 (-39.2, -32.6)
Guizhou	Zunyi	-8.3 (-12.8, -3.8)	-20.4 (-24.8, -15.9)	-38.6 (-42.6, -34.5)	-9.1 (-13.0, -5.2)	-22.1 (-27.4, -16.7)	-45.0 (-53.6, -36.3)
Guizhou	Anshun	-7.8 (-10.2, -5.3)	-19.0 (-21.9, -16.1)	-36.9 (-39.7, -34.2)	-8.2 (-11.2, -5.3)	-20.2 (-24.2, -16.2)	-41.6 (-48.0, -35.2)
Guizhou	Bijie	-7.3 (-10.6, -4.0)	-18.2 (-21.7, -14.6)	-36.0 (-38.6, -33.5)	-7.5 (-10.4, -4.6)	-18.9 (-22.4, -15.5)	-39.6 (-45.1, -34.1)
Guizhou	Tongren	-9.3 (-15.7, -2.9)	-22.5 (-28.7, -16.2)	-40.9 (-46.9, -35.0)	-10.8 (-15.8, -5.7)	-25.4 (-32.7, -18.1)	-50.5 (-59.8, -41.2)
Guizhou	Qianxinan	-9.6 (-13.4, -5.8)	-21.7 (-26.1, -17.2)	-39.9 (-44.3, -35.5)	-10.3 (-14.5, -6.0)	-24.0 (-30.2, -17.9)	-49.2 (-60.5, -37.8)
Guizhou	Qiandongnan	-8.8 (-12.6, -5.0)	-20.7 (-24.0, -17.4)	-39.0 (-42.3, -35.7)	-9.4 (-12.7, -6.0)	-22.6 (-27.8, -17.4)	-45.4 (-52.7, -38.1)
Guizhou	Qiannan	-8.1 (-11.2, -5.1)	-19.6 (-22.8, -16.5)	-37.6 (-40.6, -34.7)	-8.6 (-11.6, -5.6)	-21.0 (-25.4, -16.7)	-42.9 (-49.4, -36.3)
Yunnan	Kunming	-3.1 (-7.0, 0.7)	-11.8 (-16.3, -7.3)	-28.8 (-33.2, -24.4)	-2.5 (-6.2, 1.2)	-9.3 (-13.8, -4.8)	-23.5 (-29.5, -17.5)
Yunnan	Qujing	-4.2 (-8.1, -0.2)	-13.2 (-17.7, -8.7)	-30.5 (-34.8, -26.2)	-4.0 (-6.7, -1.2)	-11.8 (-15.8, -7.8)	-26.9 (-31.7, -22.0)
Yunnan	Yuxi	-4.2 (-7.7, -0.6)	-13.3 (-17.3, -9.2)	-30.5 (-34.6, -26.4)	-3.8 (-7.1, -0.5)	-11.5 (-15.4, -7.6)	-27.0 (-31.6, -22.3)
Yunnan	Baoshan	-3.4 (-7.5, 0.7)	-12.1 (-17.1, -7.1)	-29.2 (-34.4, -24.0)	-2.6 (-6.5, 1.2)	-9.6 (-14.6, -4.5)	-23.5 (-30.8, -16.3)
Yunnan	Zhaotong	-2.6 (-7.5, 2.2)	-10.9 (-15.7, -6.0)	-28.0 (-33.0, -22.9)	-2.0 (-5.4, 1.5)	-8.1 (-13.5, -2.7)	-21.0 (-28.5, -13.4)
Yunnan	Lijiang	-2.2 (-6.0, 1.6)	-10.4 (-14.8, -6.0)	-27.0 (-32.1, -21.8)	-1.1 (-4.0, 1.7)	-6.6 (-11.2, -2.0)	-18.4 (-25.1, -11.6)

Yunnan	Pu'er	-5.4 (-8.8, -2.0)	-15.0 (-19.0, -11.0)	-32.4 (-35.8, -29.0)	-4.9 (-8.1, -1.7)	-13.8 (-16.9, -10.6)	-31.0 (-33.7, -28.2)
Yunnan	Lincang	-4.9 (-8.0, -1.9)	-14.5 (-18.0, -10.9)	-31.8 (-35.1, -28.6)	-4.6 (-7.7, -1.4)	-13.1 (-16.5, -9.7)	-29.4 (-33.4, -25.4)
Yunnan	Chuxiong	-3.6 (-7.3, 0.0)	-12.7 (-17.2, -8.2)	-29.8 (-34.3, -25.3)	-3.1 (-7.9, 1.7)	-10.4 (-15.6, -5.2)	-25.3 (-31.9, -18.7)
Yunnan	Honghe	-5.7 (-8.6, -2.7)	-15.5 (-19.0, -11.9)	-33.0 (-35.8, -30.2)	-5.6 (-8.0, -3.2)	-14.8 (-17.6, -11.9)	-32.4 (-35.1, -29.7)
Yunnan	Wenshan	-4.3 (-8.2, -0.3)	-13.3 (-18.3, -8.3)	-30.6 (-35.0, -26.2)	-4.0 (-7.0, -1.0)	-11.8 (-16.0, -7.6)	-27.3 (-31.9, -22.7)
Yunnan	Xishuangbanna	-8.0 (-9.7, -6.3)	-19.0 (-20.9, -17.0)	-36.8 (-39.0, -34.5)	-8.0 (-9.8, -6.2)	-19.8 (-22.5, -17.1)	-40.7 (-45.4, -36.0)
Yunnan	Dali	-3.5 (-6.6, -0.5)	-12.2 (-16.4, -8.1)	-29.4 (-33.7, -25.1)	-2.9 (-5.6, -0.2)	-9.9 (-14.1, -5.8)	-23.8 (-29.8, -17.8)
Yunnan	Dehong	-3.0 (-7.0, 1.0)	-11.4 (-16.4, -6.4)	-28.1 (-33.7, -22.4)	-2.0 (-5.7, 1.7)	-8.1 (-13.7, -2.4)	-21.0 (-29.2, -12.8)
Yunnan	Nujiang	-3.3 (-7.6, 0.9)	-12.0 (-17.1, -6.9)	-29.1 (-34.3, -23.8)	-2.5 (-6.4, 1.4)	-9.4 (-14.6, -4.3)	-23.3 (-30.7, -16.0)
Yunnan	Deqen	2.6 (-3.9, 9.1)	-2.6 (-11.9, 6.7)	-17.7 (-29.3, -6.1)	5.2 (-1.1, 11.4)	6.6 (-4.4, 17.5)	6.6 (-11.1, 24.3)
<b>Qingzang</b>							
Tibet	Lhasa	-6.0 (-9.6, -2.3)	-16.3 (-20.0, -12.5)	-33.7 (-36.9, -30.4)	-5.4 (-10.8, 0.0)	-14.9 (-20.7, -9.2)	-33.2 (-40.7, -25.7)
Tibet	Rikaze	-5.6 (-9.4, -1.8)	-15.8 (-20.2, -11.4)	-33.1 (-37.2, -29.0)	-5.3 (-10.7, 0.1)	-14.6 (-20.6, -8.5)	-32.2 (-40.6, -23.8)
Tibet	Qamdo	-9.4 (-25.5, 6.7)	-20.0 (-39.0, -1.1)	-36.3 (-52.0, -20.6)	-9.0 (-24.6, 6.6)	-22.3 (-37.0, -7.6)	-36.7 (-55.3, -18.0)
Tibet	Shannan	-6.6 (-9.8, -3.3)	-17.3 (-20.9, -13.6)	-34.8 (-37.9, -31.8)	-6.0 (-10.6, -1.4)	-16.8 (-21.8, -11.7)	-36.1 (-43.0, -29.2)
Tibet	Nagari	0.0 (-8.8, 8.7)	-6.4 (-15.3, 2.5)	-23.3 (-32.3, -14.3)	1.0 (-5.5, 7.4)	-1.3 (-13.6, 10.9)	-8.8 (-26.3, 8.8)
Tibet	Ngari	-7.2 (-12.4, -1.9)	-17.3 (-22.3, -12.3)	-34.9 (-40.1, -29.8)	-6.5 (-12.2, -0.8)	-17.5 (-24.1, -10.8)	-34.7 (-40.4, -29.1)
Tibet	Nyingchi	-6.5 (-9.6, -3.5)	-16.8 (-20.1, -13.6)	-34.5 (-37.4, -31.6)	-6.0 (-10.1, -1.9)	-16.2 (-20.5, -11.9)	-35.4 (-40.5, -30.4)
Qinghai	Xining	-4.9 (-9.2, -0.7)	-14.2 (-18.3, -10.2)	-31.6 (-34.8, -28.5)	-4.0 (-8.7, 0.6)	-12.3 (-17.5, -7.1)	-28.5 (-34.1, -22.9)
Qinghai	Haidong	-4.9 (-9.2, -0.7)	-14.2 (-18.3, -10.2)	-31.6 (-34.8, -28.5)	-4.0 (-8.7, 0.6)	-12.3 (-17.5, -7.1)	-28.5 (-34.1, -22.9)
Qinghai	Haibei	-1.3 (-6.0, 3.5)	-9.0 (-15.2, -2.8)	-25.9 (-32.1, -19.6)	0.0 (-5.4, 5.5)	-4.8 (-12.6, 3.0)	-15.9 (-24.9, -7.0)
Qinghai	Huangnan	-1.2 (-14.8, 12.4)	-9.6 (-23.0, 3.8)	-27.8 (-37.7, -17.9)	0.5 (-14.0, 15.0)	-6.1 (-21.2, 8.9)	-23.0 (-42.6, -3.4)
Qinghai	Hainan	-3.7 (-8.3, 0.8)	-12.9 (-17.3, -8.5)	-30.4 (-34.1, -26.7)	-2.6 (-7.0, 1.9)	-10.2 (-15.4, -4.9)	-25.3 (-32.8, -17.8)
Qinghai	Golog	3.0 (-7.6, 13.5)	-3.1 (-13.9, 7.8)	-19.4 (-30.2, -8.7)	4.5 (-5.3, 14.3)	3.9 (-9.1, 17.0)	-0.4 (-17.7, 17.0)
Qinghai	Yushu	-1.2 (-11.4, 9.0)	-9.7 (-18.5, -0.9)	-27.0 (-34.9, -19.2)	-0.7 (-9.7, 8.3)	-6.3 (-15.3, 2.7)	-19.6 (-28.2, -11.0)
Qinghai	Haixi	-3.1 (-8.4, 2.1)	-11.9 (-16.8, -7.0)	-29.3 (-33.9, -24.7)	-2.1 (-7.4, 3.1)	-8.9 (-14.3, -3.5)	-22.2 (-29.2, -15.2)
<b>Northwest</b>							
Shaanxi	Xi'an	-6.5 (-8.9, -4.1)	-16.5 (-18.7, -14.3)	-34.0 (-36.1, -32.0)	-6.1 (-8.7, -3.5)	-16.2 (-18.9, -13.4)	-34.1 (-36.2, -31.9)
Shaanxi	Tongchuan	-6.5 (-8.9, -4.1)	-16.5 (-18.7, -14.3)	-34.0 (-36.1, -32.0)	-6.1 (-8.7, -3.5)	-16.2 (-18.9, -13.4)	-34.1 (-36.2, -31.9)
Shaanxi	Baoji	-6.5 (-8.9, -4.1)	-16.5 (-18.7, -14.3)	-34.0 (-36.1, -32.0)	-6.1 (-8.7, -3.5)	-16.2 (-18.9, -13.4)	-34.1 (-36.2, -31.9)
Shaanxi	Xianyang	-6.5 (-8.9, -4.1)	-16.5 (-18.7, -14.3)	-34.0 (-36.1, -32.0)	-6.1 (-8.7, -3.5)	-16.2 (-18.9, -13.4)	-34.1 (-36.2, -31.9)
Shaanxi	Weinan	-4.1 (-7.5, -0.7)	-12.4 (-16.3, -8.5)	-29.5 (-34.0, -25.0)	-2.7 (-6.6, 1.2)	-9.2 (-14.6, -3.9)	-23.1 (-29.2, -17.0)
Shaanxi	Yan'an	-5.9 (-8.3, -3.4)	-15.4 (-17.5, -13.2)	-32.7 (-35.6, -29.9)	-5.0 (-7.9, -2.0)	-14.0 (-17.3, -10.8)	-30.9 (-33.7, -28.1)
Shaanxi	Hanzhong	-6.5 (-8.8, -4.2)	-16.6 (-18.9, -14.3)	-34.2 (-36.1, -32.3)	-6.2 (-8.6, -3.9)	-16.4 (-19.3, -13.6)	-34.8 (-38.0, -31.7)
Shaanxi	Yulin	-5.7 (-8.7, -2.6)	-14.7 (-17.6, -11.9)	-32.0 (-35.5, -28.6)	-4.6 (-8.3, -1.0)	-12.9 (-16.4, -9.5)	-28.7 (-32.6, -24.9)
Shaanxi	Ankang	-7.1 (-9.3, -4.8)	-17.6 (-19.7, -15.6)	-35.4 (-37.8, -33.0)	-7.1 (-9.3, -5.0)	-18.0 (-20.4, -15.7)	-37.3 (-40.2, -34.5)
Shaanxi	Shangluo	-6.4 (-8.2, -4.6)	-16.3 (-18.1, -14.6)	-33.7 (-35.6, -31.9)	-6.0 (-8.3, -3.7)	-16.0 (-18.3, -13.7)	-33.8 (-36.2, -31.3)
Shaanxi	Xixian	-6.5 (-8.9, -4.1)	-16.5 (-18.7, -14.3)	-34.0 (-36.1, -32.0)	-6.1 (-8.7, -3.5)	-16.2 (-18.9, -13.4)	-34.1 (-36.2, -31.9)
Gansu	Lanzhou	-3.6 (-6.7, -0.4)	-12.0 (-15.7, -8.2)	-29.2 (-32.6, -25.7)	-2.6 (-6.5, 1.4)	-9.3 (-14.1, -4.5)	-21.9 (-27.7, -16.1)
Gansu	Jiayuguan	-3.8 (-6.6, -1.0)	-12.4 (-15.8, -9.1)	-29.3 (-33.2, -25.4)	-2.9 (-5.8, -0.1)	-9.7 (-14.9, -4.5)	-22.0 (-29.0, -15.1)
Gansu	Jinchang	-2.8 (-7.0, 1.3)	-10.8 (-15.8, -5.8)	-27.8 (-33.1, -22.5)	-1.6 (-5.5, 2.2)	-7.4 (-13.8, -0.9)	-18.4 (-27.1, -9.8)
Gansu	Baiyin	-4.6 (-7.9, -1.2)	-13.7 (-17.5, -9.9)	-30.9 (-34.3, -27.5)	-3.9 (-6.5, -1.3)	-11.8 (-16.1, -7.6)	-26.3 (-31.6, -21.1)
Gansu	Tianshui	-1.5 (-6.2, 3.2)	-8.5 (-14.6, -2.4)	-25.5 (-31.6, -19.5)	0.1 (-5.2, 5.4)	-3.9 (-11.5, 3.7)	-12.7 (-22.3, -3.1)
Gansu	Wuwei	-4.0 (-8.4, 0.4)	-12.8 (-17.4, -8.1)	-29.9 (-34.2, -25.6)	-3.0 (-6.2, 0.1)	-10.1 (-15.8, -4.5)	-23.3 (-30.6, -16.1)
Gansu	Zhangye	-3.9 (-7.1, -0.7)	-12.5 (-16.3, -8.8)	-29.7 (-33.7, -25.7)	-2.9 (-5.8, -0.1)	-9.9 (-14.8, -5.0)	-22.9 (-29.6, -16.2)
Gansu	Pingliang	-4.2 (-6.9, -1.6)	-12.8 (-15.9, -9.8)	-30.2 (-33.6, -26.8)	-3.3 (-6.6, 0.1)	-10.8 (-15.2, -6.4)	-24.7 (-30.0, -19.4)
Gansu	Jiuquan	-3.8 (-6.6, -1.0)	-12.4 (-15.8, -9.1)	-29.3 (-33.2, -25.4)	-2.9 (-5.8, -0.1)	-9.7 (-14.9, -4.5)	-22.0 (-29.0, -15.1)
Gansu	Qingyang	-4.2 (-7.3, -1.1)	-12.6 (-16.3, -8.9)	-30.0 (-34.0, -26.0)	-3.0 (-6.7, 0.6)	-10.4 (-15.1, -5.6)	-23.8 (-29.7, -17.9)
Gansu	Dingxi	-1.5 (-6.2, 3.2)	-8.5 (-14.6, -2.4)	-25.5 (-31.6, -19.5)	0.1 (-5.2, 5.4)	-3.9 (-11.5, 3.7)	-12.7 (-22.3, -3.1)
Gansu	Longnan	-5.6 (-8.0, -3.3)	-15.1 (-17.5, -12.6)	-32.7 (-34.9, -30.4)	-4.9 (-7.0, -2.9)	-14.0 (-16.5, -11.4)	-30.2 (-32.8, -27.6)
Gansu	Linxia	-3.4 (-6.4, -0.4)	-11.9 (-15.7, -8.1)	-29.0 (-32.6, -25.5)	-2.4 (-6.5, 1.7)	-9.1 (-14.2, -4.0)	-22.0 (-28.0, -15.9)
Gansu	Gannan	-0.4 (-5.1, 4.2)	-7.4 (-14.0, -0.9)	-24.3 (-30.7, -17.9)	0.9 (-6.0, 7.9)	-2.4 (-10.7, 6.0)	-10.5 (-21.7, 0.7)
Ningxia	Yinchuan	-3.6 (-6.9, -0.3)	-11.9 (-15.4, -8.4)	-28.9 (-33.2, -24.6)	-2.7 (-5.5, 0.1)	-8.9 (-14.3, -3.6)	-20.7 (-27.8, -13.5)
Ningxia	Shizuishan	-3.2 (-6.6, 0.2)	-11.4 (-15.3, -7.4)	-28.4 (-33.2, -23.6)	-2.4 (-5.6, 0.7)	-8.3 (-14.2, -2.4)	-19.6 (-27.6, -11.7)
Ningxia	Wuzhong	-3.6 (-6.9, -0.3)	-11.9 (-15.4, -8.4)	-28.9 (-33.2, -24.6)	-2.7 (-5.5, 0.1)	-8.9 (-14.3, -3.6)	-20.7 (-27.8, -13.5)
Ningxia	Guyuan	-2.5 (-6.5, 1.5)	-10.0 (-15.0, -5.0)	-27.1 (-32.7, -21.6)	-1.0 (-5.6, 3.5)	-6.3 (-13.4, 0.8)	-16.7 (-26.1, -7.3)
Ningxia	Zhongwei	-3.8 (-6.9, -0.8)	-12.2 (-15.7, -8.7)	-29.2 (-33.5, -25.0)	-2.9 (-5.4, -0.4)	-9.4 (-14.5, -4.3)	-21.6 (-28.4, -14.8)
Xinjiang	Urumqi	-6.2 (-12.1, -0.2)	-15.1 (-19.7, -10.4)	-33.0 (-37.2, -28.8)	-5.1 (-11.2, 1.0)	-14.8 (-23.4, -6.1)	-33.1 (-41.2, -25.1)
Xinjiang	Karamay	-6.3 (-14.3, 1.6)	-14.8 (-21.6, -7.9)	-32.7 (-39.4, -25.9)	-4.7 (-11.4, 2.0)	-13.9 (-21.2, -6.6)	-30.9 (-37.5, -24.4)
Xinjiang	Turpan	-6.9 (-13.5, -0.4)	-16.6 (-21.9, -11.4)	-34.4 (-38.7, -30.2)	-6.2 (-10.5, -1.9)	-16.4 (-22.1, -10.7)	-34.8 (-40.1, -29.6)

Xinjiang	Hami	-6.0 (-10.6, -1.5)	-15.3 (-18.8, -11.8)	-33.1 (-36.3, -29.9)	-5.3 (-8.8, -1.8)	-14.7 (-19.9, -9.5)	-32.1 (-36.7, -27.5)
Xinjiang	Changji	-4.8 (-11.5, 1.9)	-12.7 (-18.8, -6.6)	-31.1 (-36.3, -25.8)	-3.3 (-9.1, 2.4)	-11.6 (-18.8, -4.4)	-27.7 (-34.9, -20.6)
Xinjiang	Bortala	-6.9 (-12.8, -0.9)	-15.8 (-22.9, -8.8)	-33.5 (-40.7, -26.3)	-5.4 (-11.7, 1.0)	-15.0 (-20.9, -9.1)	-31.2 (-37.2, -25.1)
Xinjiang	Bayingol	-6.6 (-10.5, -2.8)	-16.4 (-20.3, -12.4)	-34.0 (-37.0, -31.0)	-5.8 (-8.6, -3.0)	-16.0 (-19.8, -12.3)	-34.3 (-38.1, -30.5)
Xinjiang	Aksu	-6.1 (-9.4, -2.8)	-15.4 (-18.4, -12.4)	-33.0 (-35.5, -30.6)	-5.2 (-7.8, -2.5)	-14.7 (-18.0, -11.3)	-31.5 (-34.6, -28.4)
Xinjiang	Kizilsu	-4.3 (-20.7, 12.2)	-10.5 (-29.1, 8.1)	-28.6 (-43.6, -13.6)	-1.3 (-15.8, 13.3)	-7.0 (-23.5, 9.6)	-23.6 (-42.4, -4.9)
Xinjiang	Kashgar	-6.3 (-9.9, -2.7)	-15.7 (-19.8, -11.7)	-33.4 (-36.7, -30.0)	-5.6 (-9.0, -2.1)	-14.9 (-18.7, -11.1)	-32.2 (-36.6, -27.8)
Xinjiang	Hotan	-6.4 (-10.9, -1.8)	-16.3 (-20.9, -11.6)	-33.8 (-37.6, -30.0)	-5.8 (-9.9, -1.7)	-15.9 (-20.8, -10.9)	-33.4 (-38.1, -28.8)
Xinjiang	Ili	-5.4 (-10.3, -0.6)	-13.6 (-17.6, -9.7)	-31.3 (-35.3, -27.3)	-3.1 (-7.7, 1.6)	-11.5 (-16.6, -6.5)	-26.7 (-31.4, -22.0)
Xinjiang	Qoqek	-4.3 (-12.2, 3.6)	-12.1 (-18.9, -5.4)	-30.1 (-36.8, -23.5)	-2.8 (-8.3, 2.7)	-10.7 (-16.1, -5.3)	-25.1 (-31.1, -19.2)
Xinjiang	Altay	-3.3 (-11.6, 5.0)	-11.4 (-19.3, -3.4)	-28.8 (-35.8, -21.7)	-1.5 (-7.9, 5.0)	-8.3 (-15.3, -1.4)	-21.2 (-27.8, -14.7)
Xinjiang	Shihezi	-6.4 (-12.7, -0.1)	-14.8 (-20.6, -9.0)	-32.5 (-37.8, -27.3)	-4.0 (-9.6, 1.5)	-13.7 (-20.1, -7.2)	-30.4 (-37.2, -23.7)
Xinjiang	Aral	-6.5 (-10.1, -3.0)	-16.0 (-19.3, -12.7)	-33.7 (-36.4, -30.9)	-5.6 (-8.3, -2.9)	-15.5 (-18.7, -12.3)	-33.0 (-36.6, -29.4)
Xinjiang	Tumxuk	-6.8 (-10.5, -3.2)	-16.7 (-20.0, -13.4)	-34.3 (-36.8, -31.8)	-6.5 (-9.9, -3.2)	-16.7 (-20.0, -13.4)	-34.6 (-37.3, -31.9)
Xinjiang	Wujiaqu	-4.8 (-11.5, 1.9)	-12.7 (-18.8, -6.6)	-31.1 (-36.3, -25.8)	-3.3 (-9.1, 2.4)	-11.6 (-18.8, -4.4)	-27.7 (-34.9, -20.6)

Note: eCI, empirical confidence interval; HFMD, hand, foot, and mouth disease; RCP, Representative Concentration Pathway; CJP, county under the jurisdiction of province. Pooled province level temperature-HFMD associations were used for projecting, with controlling for long-term trend and seasonality, relative humidity, day of the week, holidays (public holidays, and summer and winter school holidays), and autocorrelations in the residuals.

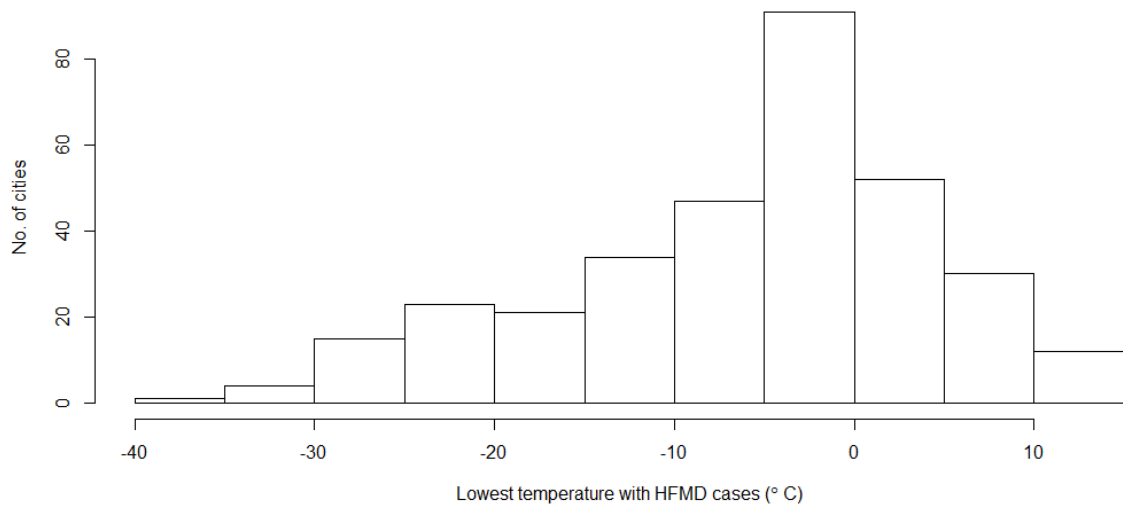
Data on population projections aged 0–14 years by 2100 were downloaded from the Population Division, United Nations

(<https://esa.un.org/unpd/wpp/Download/Probabilistic/Population/>).

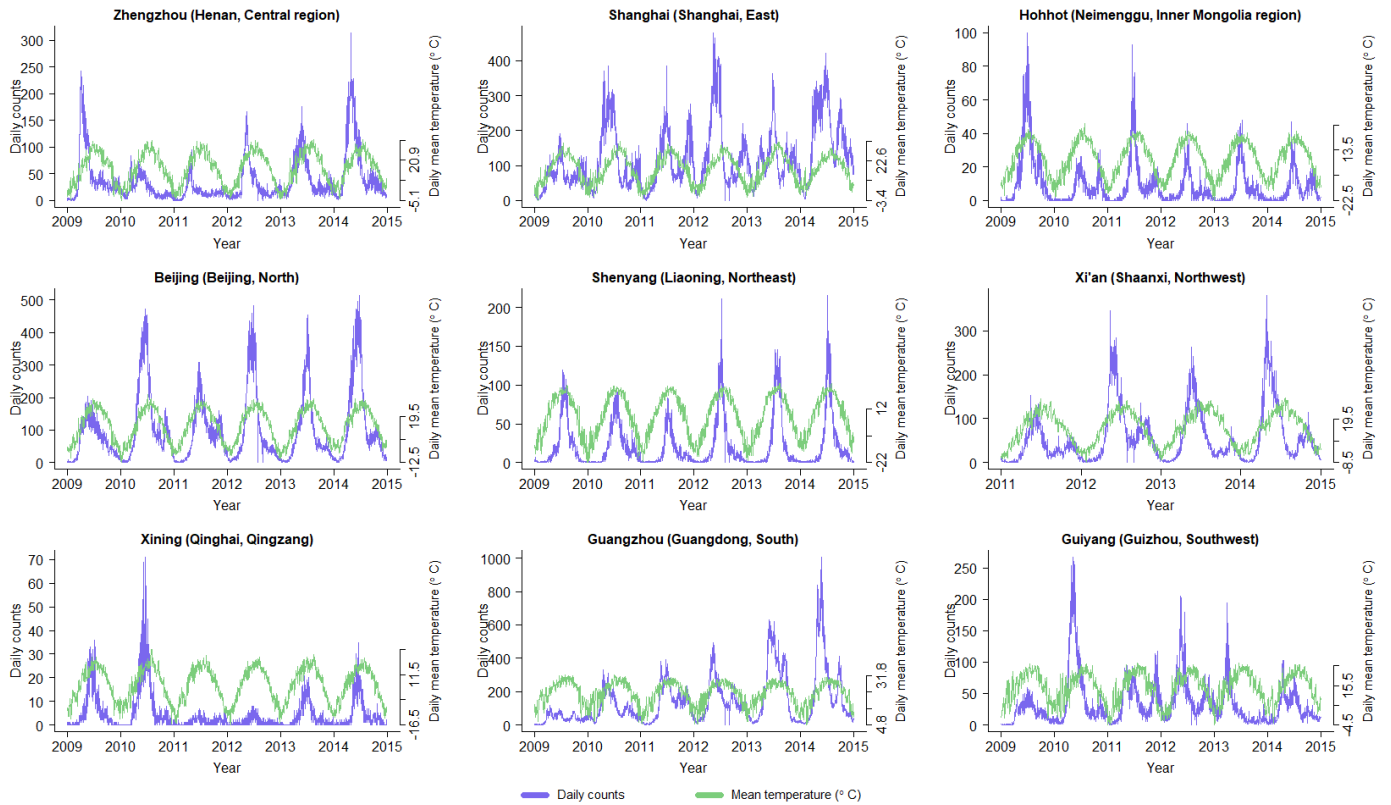
**Table S7.** Projected percentage change (and 95% eCIs) in HFMD incidence (national level) among children aged 0–14 years due to climate change (RCP 4.5 and 8.5 scenarios), relative to baseline estimates for 2009–2014, estimated using models including natural cubic splines (seven to nine degrees of freedom per year) to control for seasonality and long-term trend.

No. of dfs	RCP 4.5 (percentage change and 95% eCI)			RCP 8.5 (percentage change and 95% eCI)		
	2030s	2050s	2090s	2030s	2050s	2090s
7	1.8 (-6.2, 9.8)	3.0 (-11.2, 17.2)	4.0 (-15.9, 23.8)	2.2 (-7.7, 12.0)	4.5 (-17.5, 26.5)	8.2 (-42.9, 59.3)
8	1.7 (-9.4, 12.8)	2.9 (-16.8, 22.5)	3.7 (-23.8, 31.3)	2.0 (-10.5, 14.5)	4.2 (-23.6, 32.0)	7.0 (-61.4, 75.4)
9	1.4 (-7.1, 9.9)	2.3 (-12.9, 17.6)	3.0 (-18.2, 24.2)	1.7 (-8.4, 11.8)	3.5 (-19.4, 26.3)	5.7 (-46.5, 57.9)

Note: eCI, empirical confidence interval; HFMD, hand, foot, and mouth disease; RCP, Representative Concentration Pathway; dfs, degrees of freedom. Pooled province level temperature-HFMD associations were used for projecting, with controlling for long-term trend and seasonality, relative humidity, day of the week, holidays (public holidays, and summer and winter school holidays), and autocorrelations in the residuals. Projections were performed holding population sizes and temperature-HFMD associations constant over time.

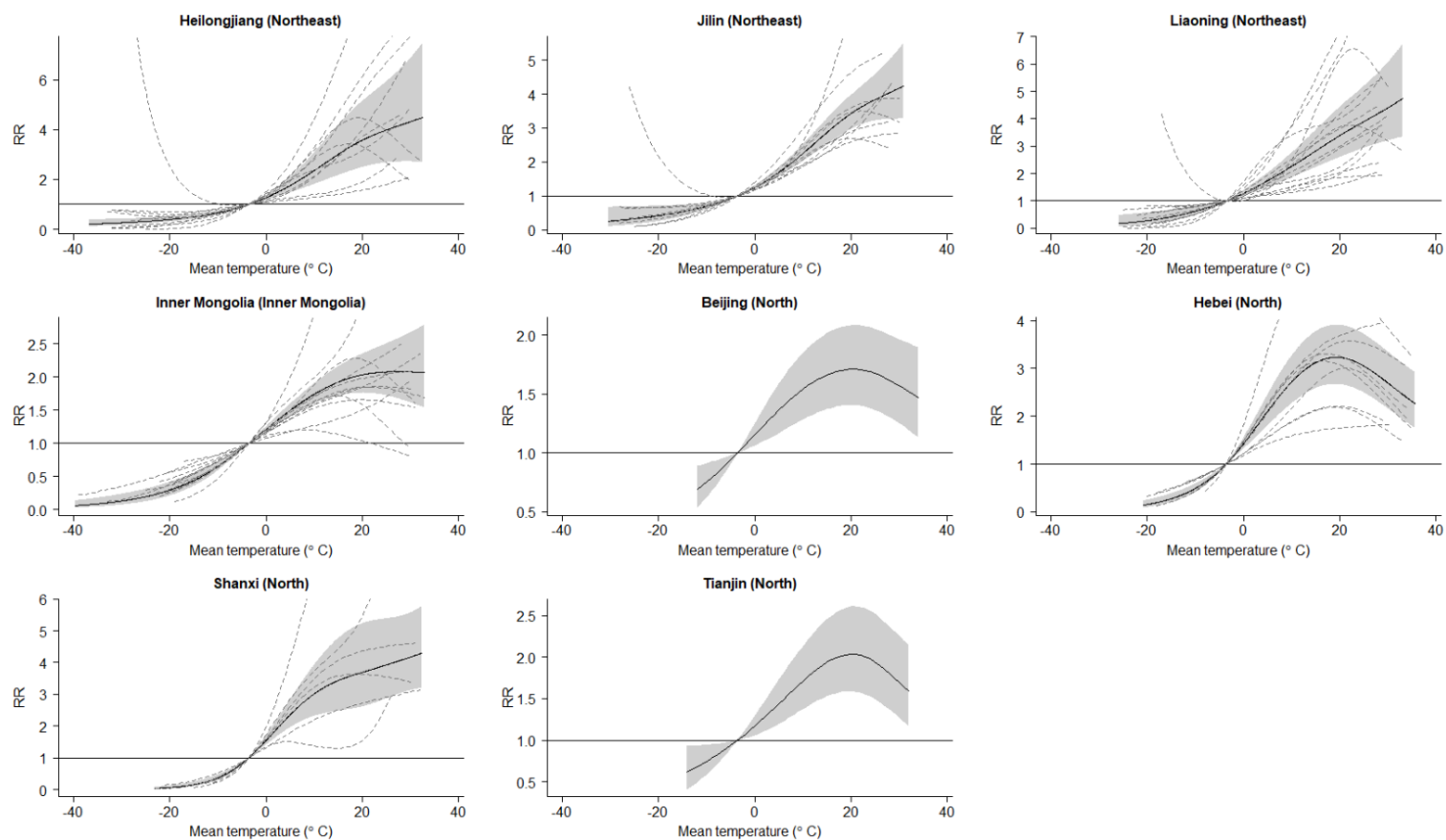


**Figure S1.** Distribution of the lowest daily mean temperature at which HFMD cases were diagnosed across 362 sites in China during 2009–2014. Abbreviation: HFMD, hand, foot, and mouth disease.

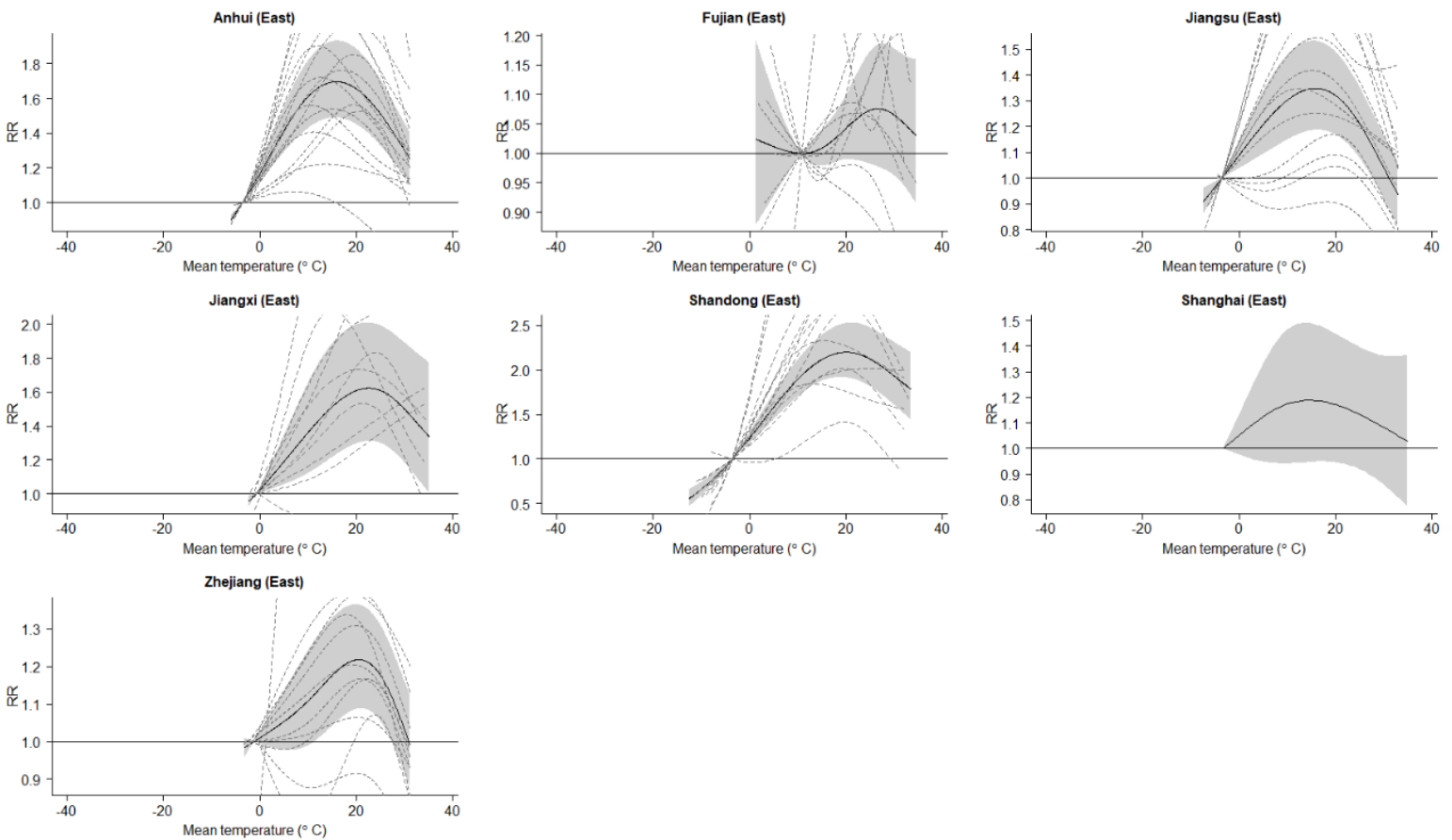


**Figure S2.** Daily HFMD counts and mean temperature in representative cities in nine Chinese regions during 2009–2014. Data on daily HFMD and weather for each city were extracted from the China Information System for Disease Control and Prevention (<http://www.cdpc.chinacdc.cn>) and China Meteorological Data Sharing Service System (<http://data.cma.gov.cn>), respectively. Abbreviation: HFMD, hand, foot, and mouth disease.

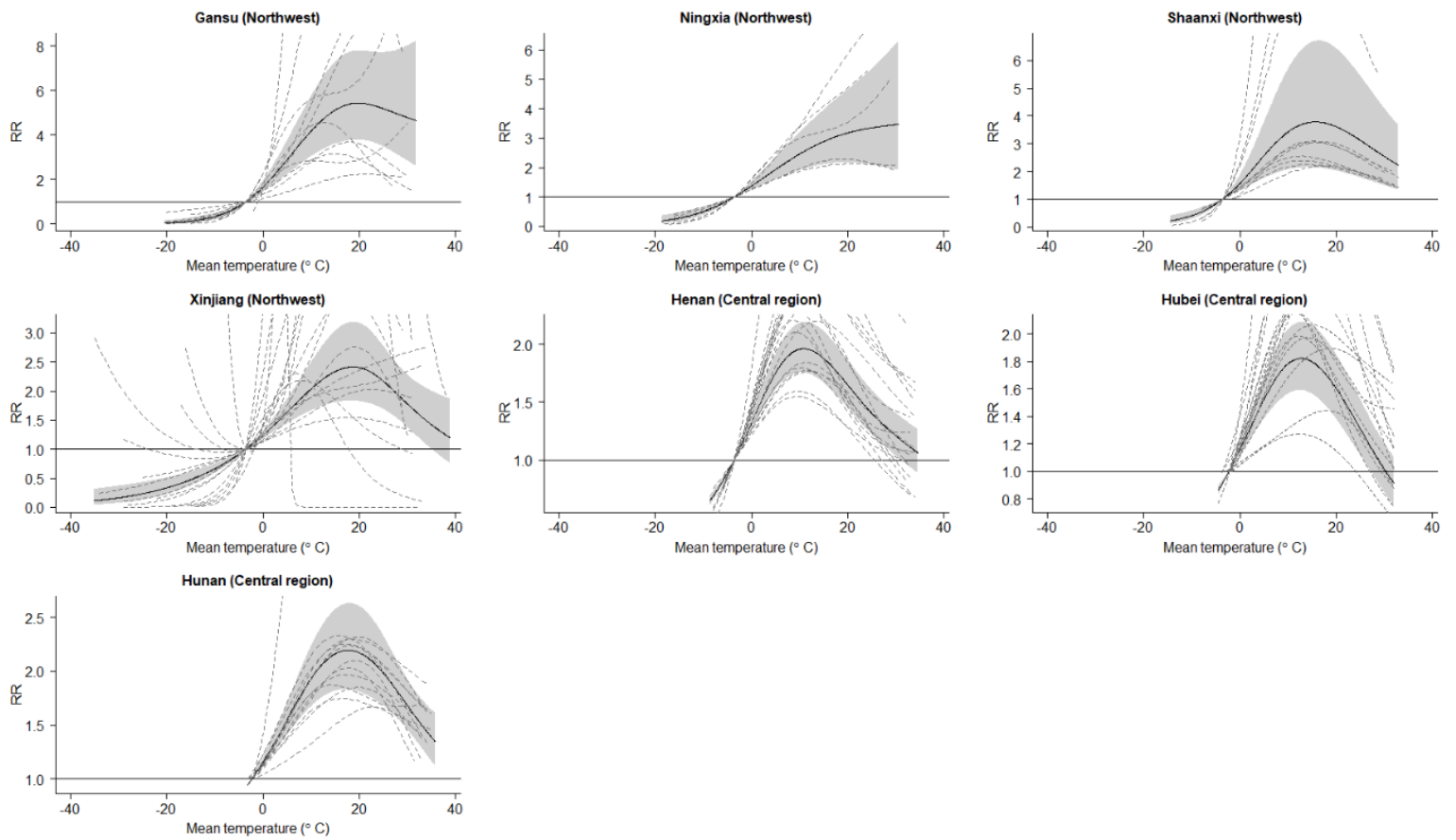




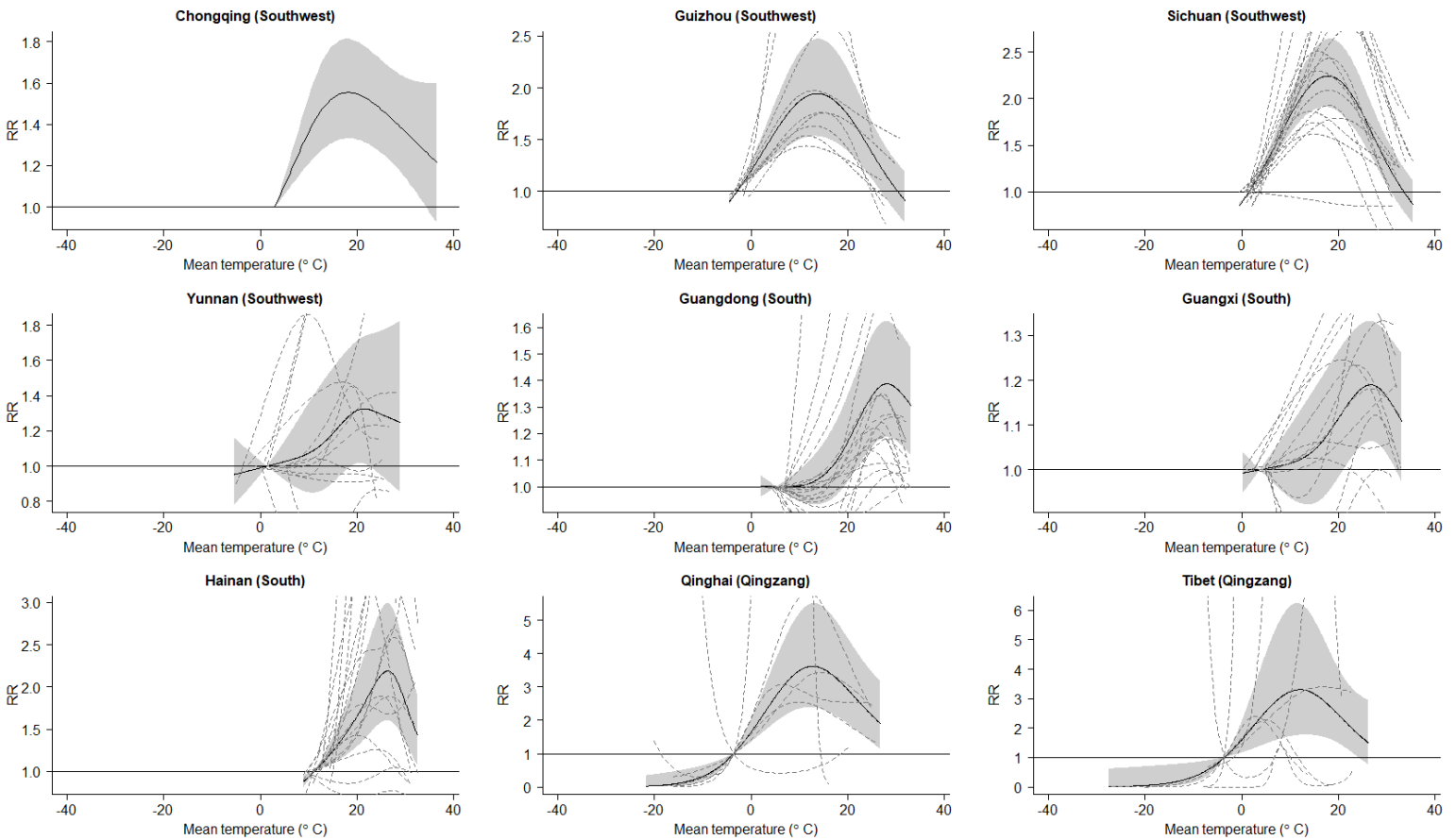
**Figure S3.** Pooled associations between daily mean temperature and HFMD in each province or municipality in the Northeast, Inner Mongolia, and North over a 0–14 day cumulative lag during 2009–2014. Solid lines represent province- or municipality-specific associations; shaded areas indicate 95% confidence interval bands. Grey-dashed lines indicate associations estimated for individual prefectures or CJPs. Natural cubic splines (with three degrees of freedom) were used to model temperature and lag days, respectively.  $I^2$  statistics for each pooled estimate are provided in Table S3. Patterns of associations are irregular for some prefecture- or CJP-specific associations because of small numbers of HFMD cases. Abbreviations: HFMD, hand, foot, and mouth disease; CJP, county under the jurisdiction of province; RR, relative risk.



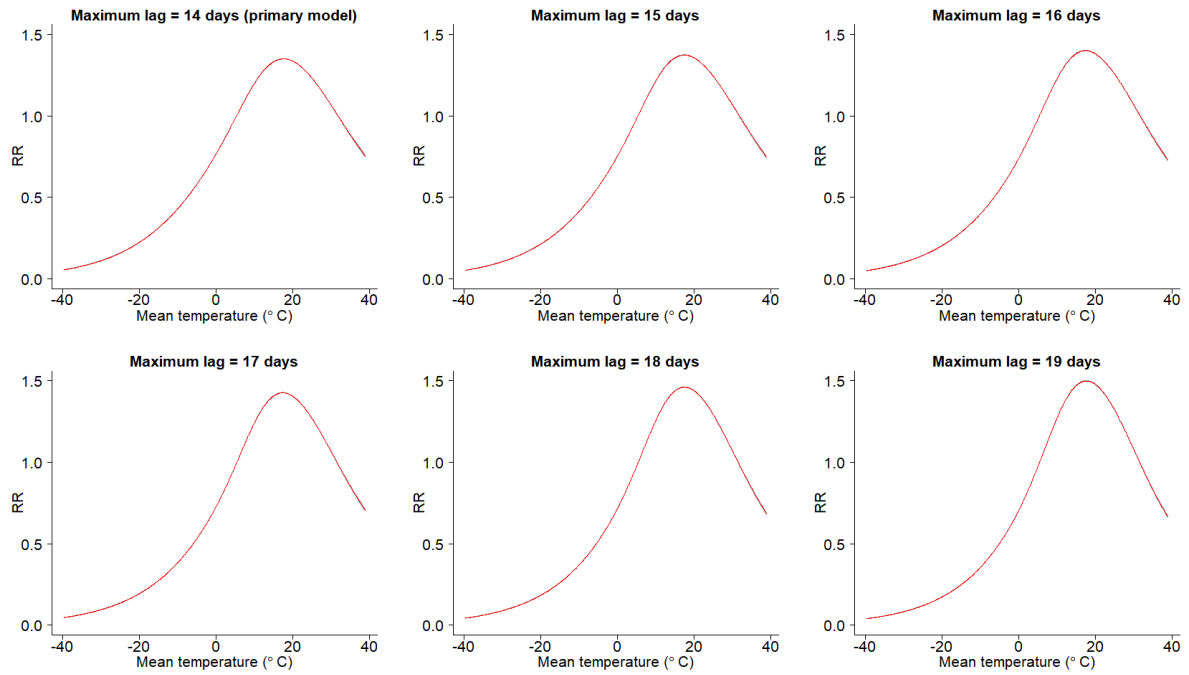
**Figure S4.** Pooled associations between daily mean temperature and HFMD in each province or municipality in the East over a 0–14 day cumulative lag during 2009–2014. Solid lines represent province- or municipality-specific associations; shaded areas indicate 95% confidence interval bands. Grey-dashed lines indicate associations estimated for individual prefectures or CJPs. Natural cubic splines (with three degrees of freedom) were used to model temperature and lag days, respectively.  $I^2$  statistics for each pooled estimate are provided in Table S3. Patterns of associations are irregular for some prefecture- or CJP-specific associations because of small numbers of HFMD cases. Abbreviations: HFMD, hand, foot, and mouth disease; CJP, county under the jurisdiction of province; RR, relative risk.



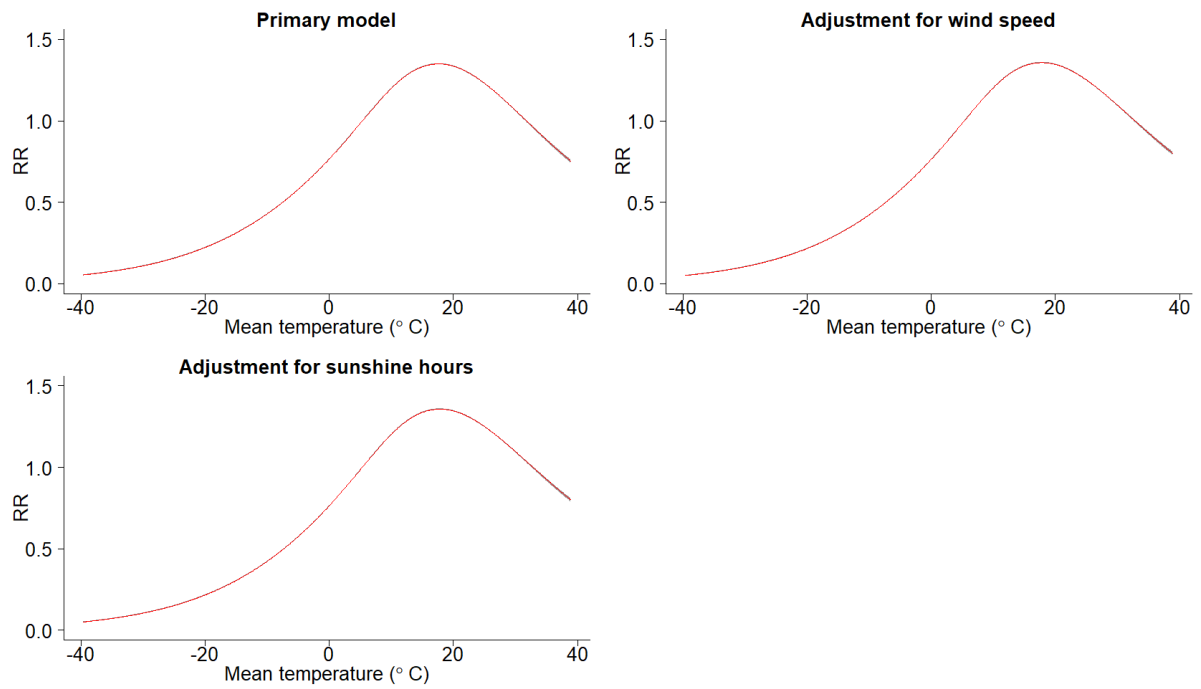
**Figure S5.** Pooled associations between daily mean temperature and HFMD in each province or municipality in the Northwest and Central regions over a 0–14 day cumulative lag during 2009–2014. Solid lines represent province- or municipality-specific associations; shaded areas indicate 95% confidence interval bands. Grey-dashed lines indicate associations estimated for individual prefectures or CJPs. Natural cubic splines (with three degrees of freedom) were used to model temperature and lag days, respectively.  $I^2$  statistics for each pooled estimate are provided in Table S3. Patterns of associations are irregular for some prefecture- or CJP-specific associations because of small numbers of HFMD cases. Abbreviations: HFMD, hand, foot, and mouth disease; CJP, county under the jurisdiction of province; RR, relative risk.



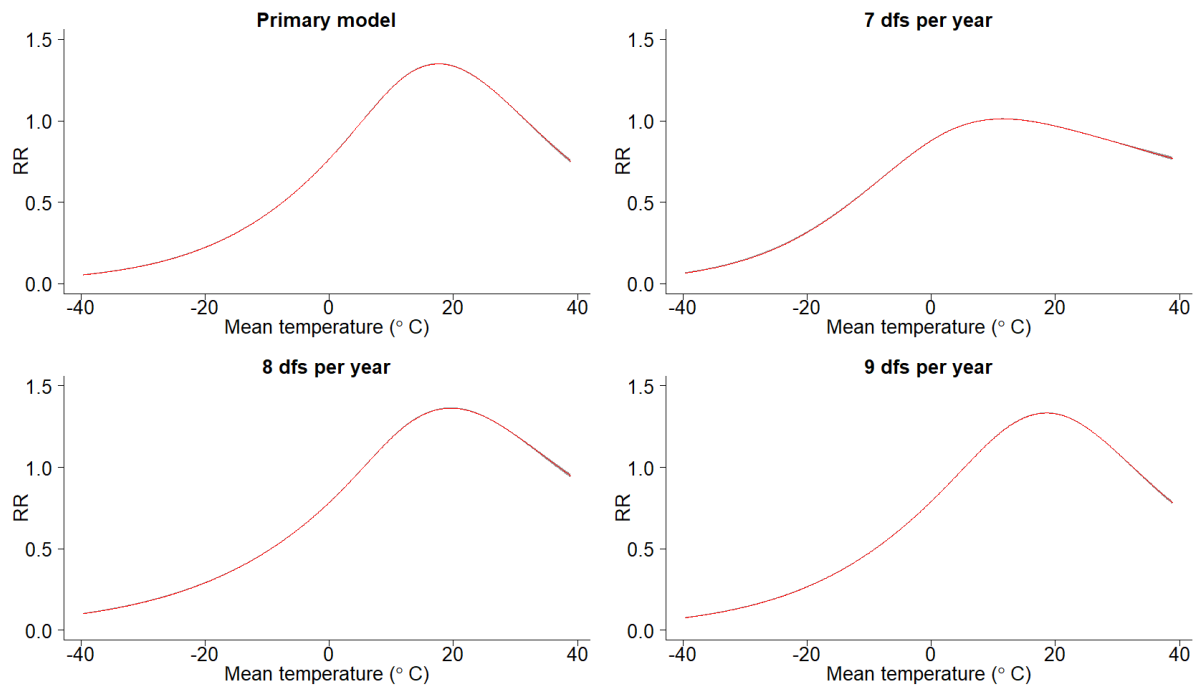
**Figure S6.** Pooled associations between daily mean temperature and HFMD in each province or municipality in the Southwest, South and Qingzang regions over a 0–14 day cumulative lag during 2009–2014. Solid lines represent province- or municipality-specific associations; shaded areas indicate 95% confidence interval bands. Grey-dashed lines indicate associations estimated for individual prefectures or CJPs. Natural cubic splines (with three degrees of freedom) were used to model temperature and lag days, respectively.  $I^2$  statistics for each pooled estimate are provided in Table S3. Patterns of associations are irregular for some prefecture- or CJP-specific associations because of small numbers of HFMD cases. Abbreviations: HFMD, hand, foot, and mouth disease; CJP, county under the jurisdiction of province; RR, relative risk.



**Figure S7.** Pooled associations between daily mean temperature and HFMD for all locations (national level) during 2009–2014 for models with the maximum lag set at 14 days (the primary model) and 15–19 days. The grey-shaded areas indicate the 95% confidence interval bands, which are negligible due to the narrow values. Natural cubic splines (with three degrees of freedom) were used to model temperature and lag days, respectively. Abbreviations: HFMD, hand, foot, and mouth disease; RR, relative risk.



**Figure S8.** Pooled associations between daily mean temperature and HFMD for all locations (national level) during 2009–2014 based on the primary model, and with additional adjustment for daily wind velocity and daily sunshine hours, respectively. The grey-shaded areas indicate the 95% confidence interval bands, which are negligible due to the narrow values. Natural cubic splines (with three degrees of freedom) were used to model temperature and lag days, respectively. Abbreviations: HFMD, hand, foot, and mouth disease; RR, relative risk.



**Figure S9.** Pooled associations between daily mean temperature and HFMD for all locations (national level) during 2009–2014 based on the primary model (with indicator terms for year and month) and alternative models using natural cubic splines (with seven to nine degrees of freedom per year) to control for seasonality and long-term trend. The grey-shaded areas indicate the 95% confidence interval bands, which are negligible due to the narrow values. Natural cubic splines (with three degrees of freedom) were used to model temperature and lag days, respectively. Abbreviations: HFMD, hand, foot, and mouth disease; RR, relative risk.