

Supplementary Materials: Trend Analysis and Spatial Distribution of Meteorological Disasters Losses in China, 2004–2015

Qi Qian ¹, Jiang Bao Fa ^{2,3}, Ma Wei ^{2,3,*} and Marley Gifty ⁴

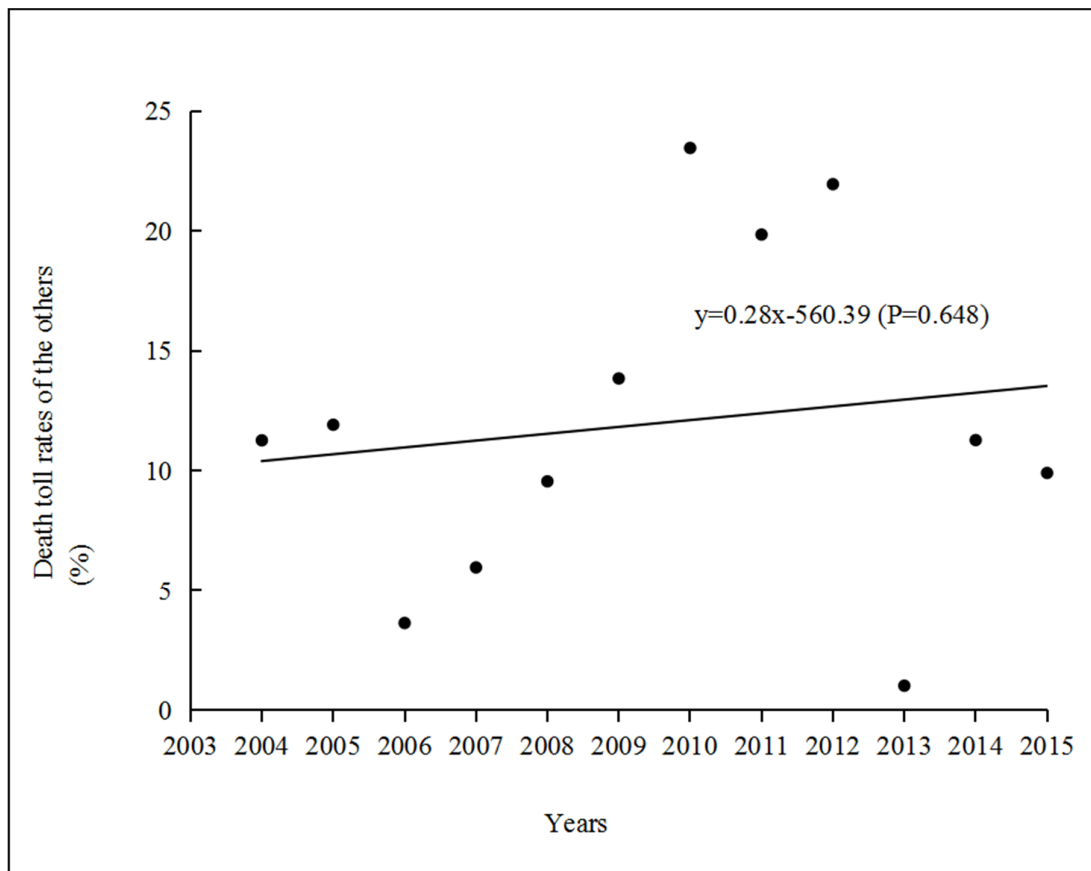


Figure S1. Trend line of the death toll rates of the other types of meteorological disasters, 2004–2015.

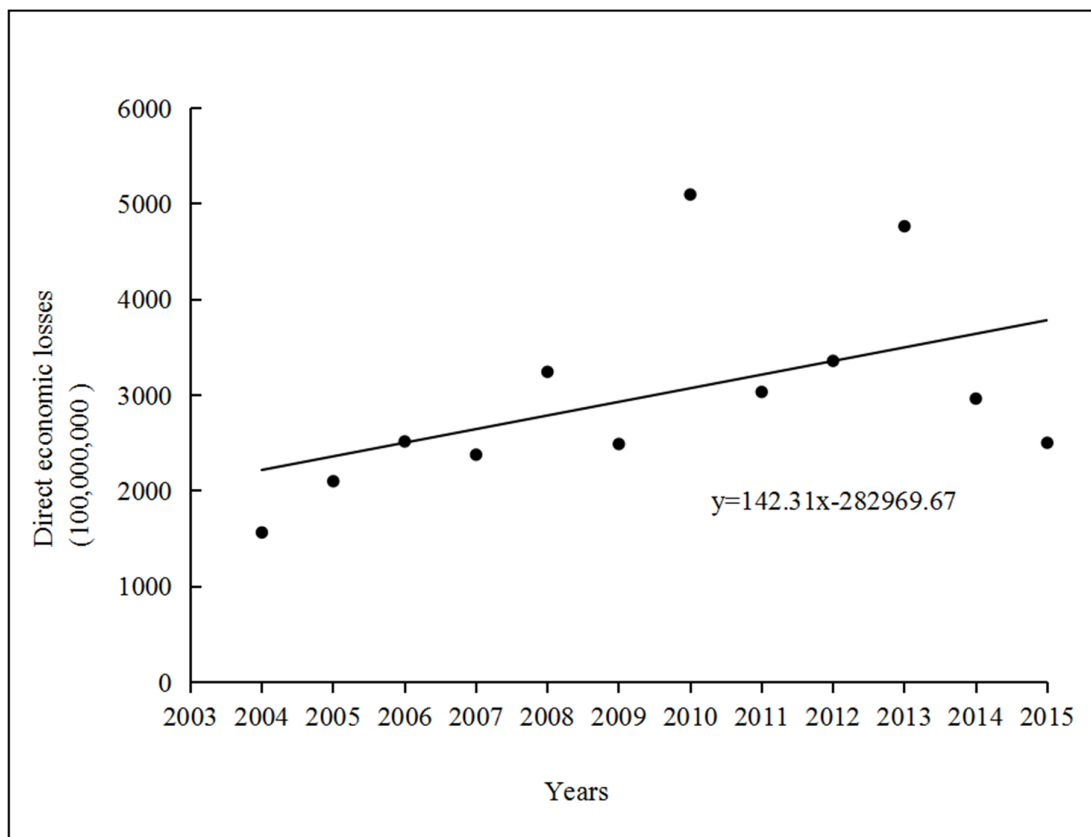


Figure S2. Trend line of Direct Economic Losses Caused by Meteorological Disasters, 2004-2015.

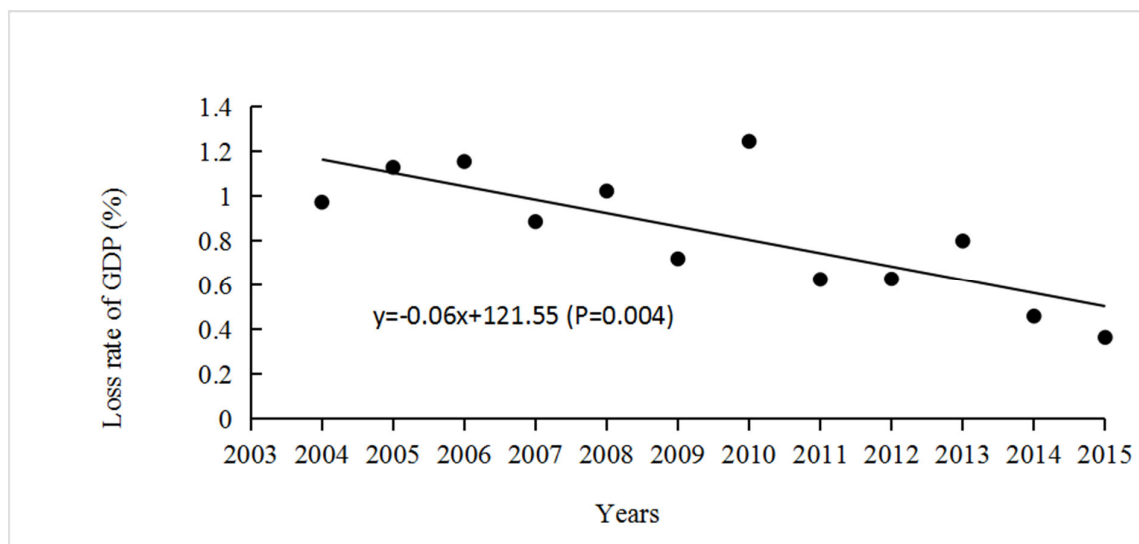


Figure S3. : Trend line of loss rates of GDP caused by all the meteorological disasters, 2004-2015.

Table S1. Mean Mortality Caused by Meteorological Disasters at Provincial Level, 2004–2015.

Province Name	All	Floods	Hail	Typhoon ^a	Snow ^a	Heat Wave ^a
Beijing	1.08	0.00	0.74			
Shanxi	11.63	8.84	1.41		0.00	
Liaoning	6.72	1.40	1.27	0.00	0.00	
Jilin	3.30	0.00	1.64		0.00	
Shanghai	2.52	0.00	1.28	0.00	0.00	0.00
Tianjin	1.79	0.00	0.00			
Hebei	5.22	1.22	1.96	0.00	0.00	0.00
Heilongjiang	1.83	0.52	1.18		0.00	
Jiangsu	6.96	0.07	2.81	0.00	0.00	0.00
Guizhou	50.39	27.01	7.13		0.00	
Hunan	14.71	7.48	2.64	0.00	0.00	
Ningxia	14.75	8.16	1.56		0.00	
Hainan	13.68	0.00	6.25	1.13		
Shanxi	13.18	11.34	1.47		0.00	0.00
Guangdong	11.70	3.02	1.92	1.04		0.00
Guangxi	22.50	9.66	2.96	0.85	0.00	
Gansu	18.49	15.70	2.93		0.00	
Neimenggu	15.88	10.30	6.06		0.00	
Qinghai	25.97	15.02	7.23		0.00	
Jiangxi	25.05	4.66	8.26	0.00	0.00	
Anhui	11.46	1.06	3.38	0.00	0.00	
Zhejiang	6.98	1.16	2.55	0.95	0.00	
Henan	6.58	1.23	1.33	0.00	0.00	0.00
Shandong	3.16	0.54	0.89	0.00	0.00	
Xizang	79.94	21.55	40.28		18.27	
Hubei	16.50	7.50	6.31	0.00	0.00	0.00
Yunnan	73.39	30.89	13.93	0.00	0.22	
Xinjiang	20.49	12.32	2.06		1.58	0.00
Chongqing	24.30	19.26	3.83		0.00	
Sichuan	27.98	23.37	2.90		0.00	
Fujian	10.91	3.88	3.25	1.09		

^a: Relevant data are blank because individual provinces were not effected by some kind of disaster.