## **Description of Additional Supplementary Files**

File Name: Supplementary Data 1

**Description:** The annual mortality rate (per million populations) and annual mean temperature (oC) in 161 Chinese disease surveillance points.

File Name: Supplementary Data 2

**Description:** The temporal trends in annual projected temperature under two RCP scenarios in China.

File Name: Supplementary Data 3.

**Description:** The trends in heat-related excess mortality by period, cause and individual characteristic in China, assuming no adaptation or population changes.

File Name: Supplementary Data 4

**Description:** The heat-related attributable number of deaths by period, age and population scenario in China.