

**Temperature variation between neighboring days and mortality:**

**a distributed lag non-linear analysis**

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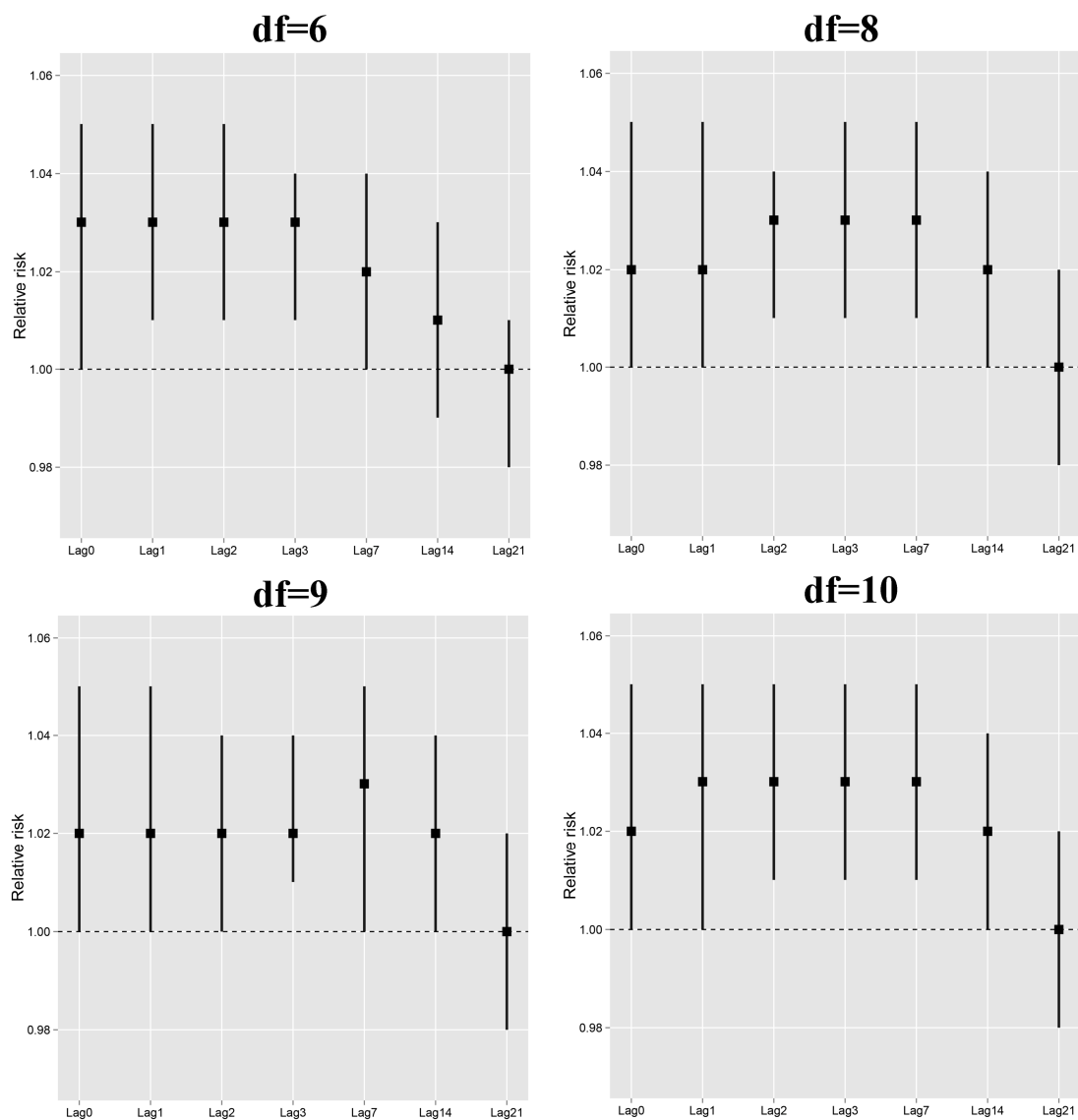
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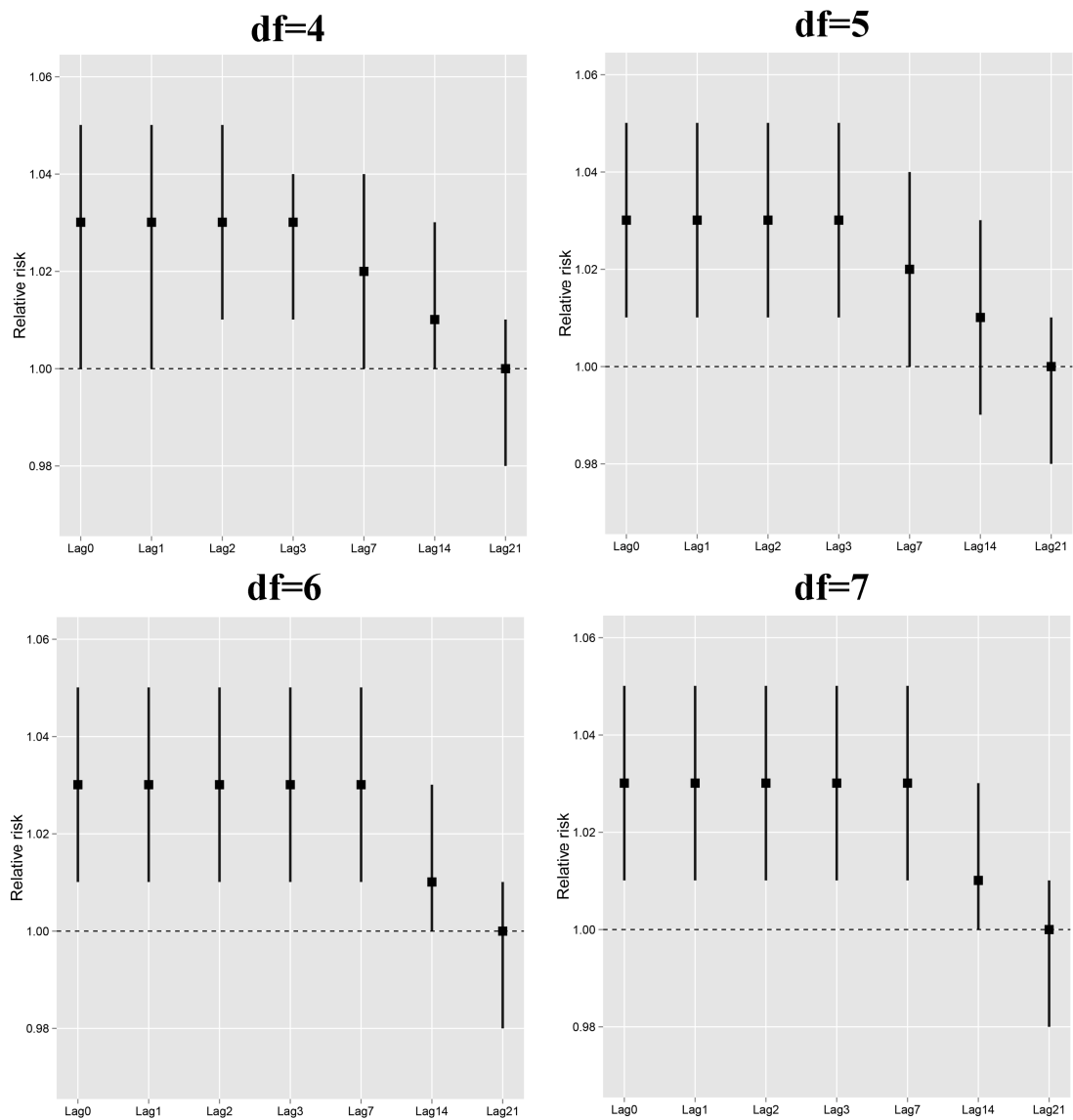
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## Figures and legends



**Supplementary Fig.1** The effects of moderate temperature change (1.9°C) on mortality, when changing the *df* for year (6-10) in Maanshan, China, during 2008-2012. The squares and long solid lines indicate the relative risk and its 95% confidence interval; the short dashed lines indicate that the value of relative risk is 1.



**Supplementary Fig.2** The effects of moderate temperature change ( $1.9^{\circ}\text{C}$ ) on mortality, when changing the  $df$  for temperature and relative humidity (4-7) in Maanshan, China, during 2008-2012. The squares and long solid lines indicate the relative risk and its 95% confidence interval; the short dashed lines indicate that the value of relative risk is 1.