

Table S1. Correlation coefficients between the regional mean NDVI and the extreme high temperature indices for different time lags in the North China during 1982–2015.

Indices	0 month	1 month	2 months	3 months	Time lag
TM	0.154*	0.151*	0.197**	0.181**	2
TXX	0.098	0.019	0.188**	0.174*	2
TXN	0.082	-0.012	0.025	0.081	0
TNX	0.215**	0.176*	0.249	0.210	2
TNN	0.141*	0.150*	0.070	0.140*	1
TX90	-0.022	-0.042	0.118	0.156*	3
TN90	0.122	0.179*	0.245**	0.299**	3

Note: “*” denotes that the value passes the significance test at a significance level of 0.05 ($p < 0.05$), and “**” denotes that the value passes the significance test at a significance level of 0.01 ($p < 0.01$).