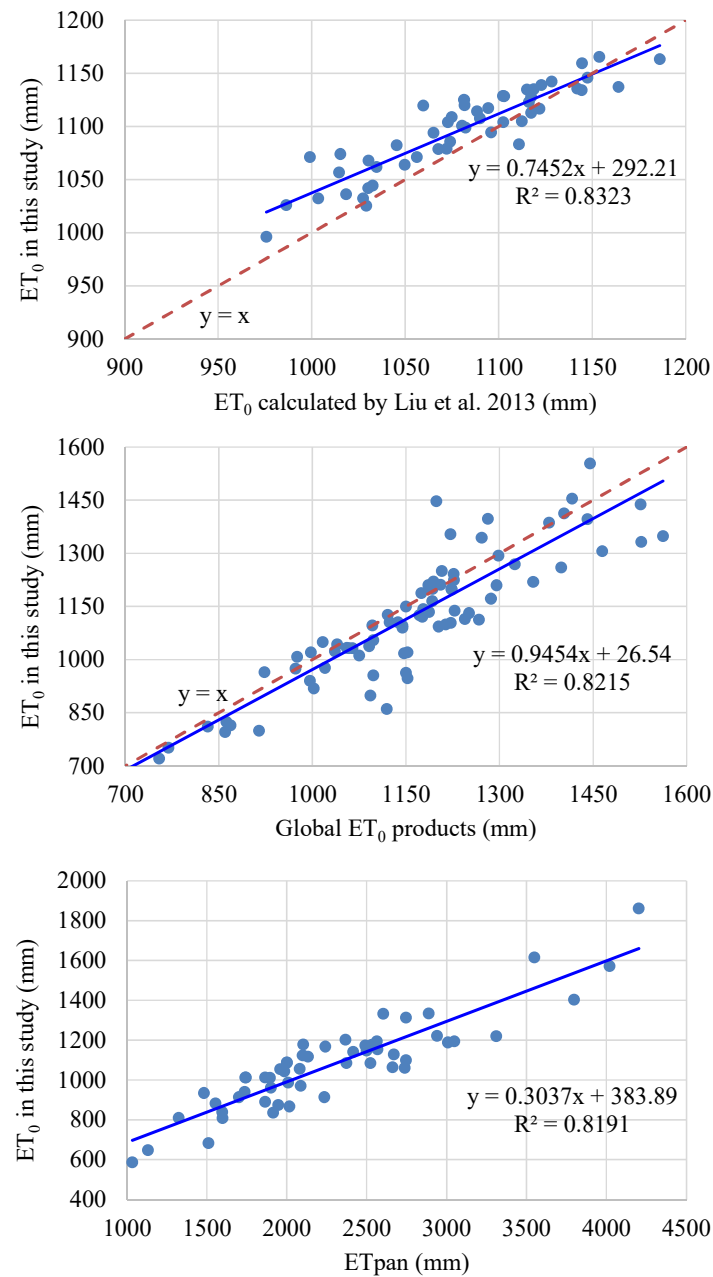


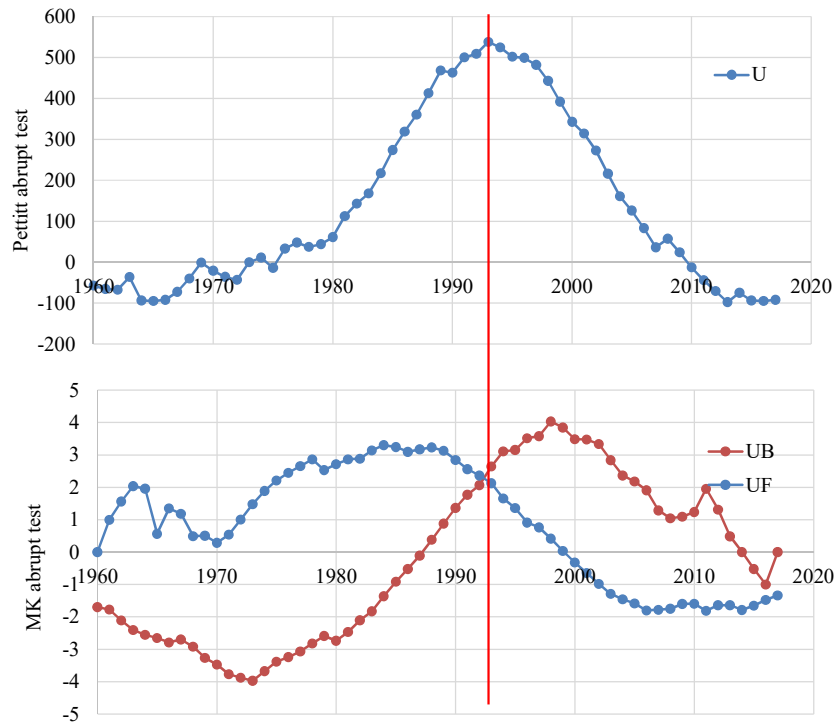
# Effect of Elevation on Variation in Reference Evapotranspiration under Climate Change in Northwest China

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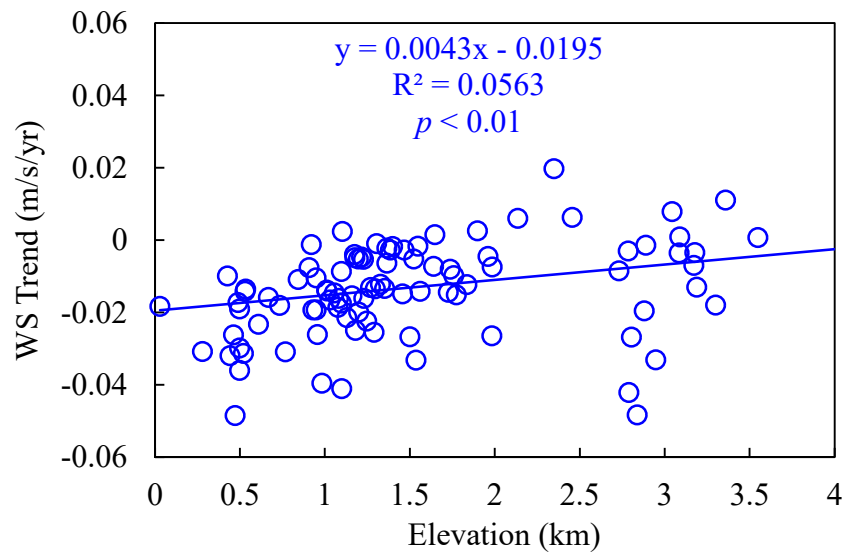
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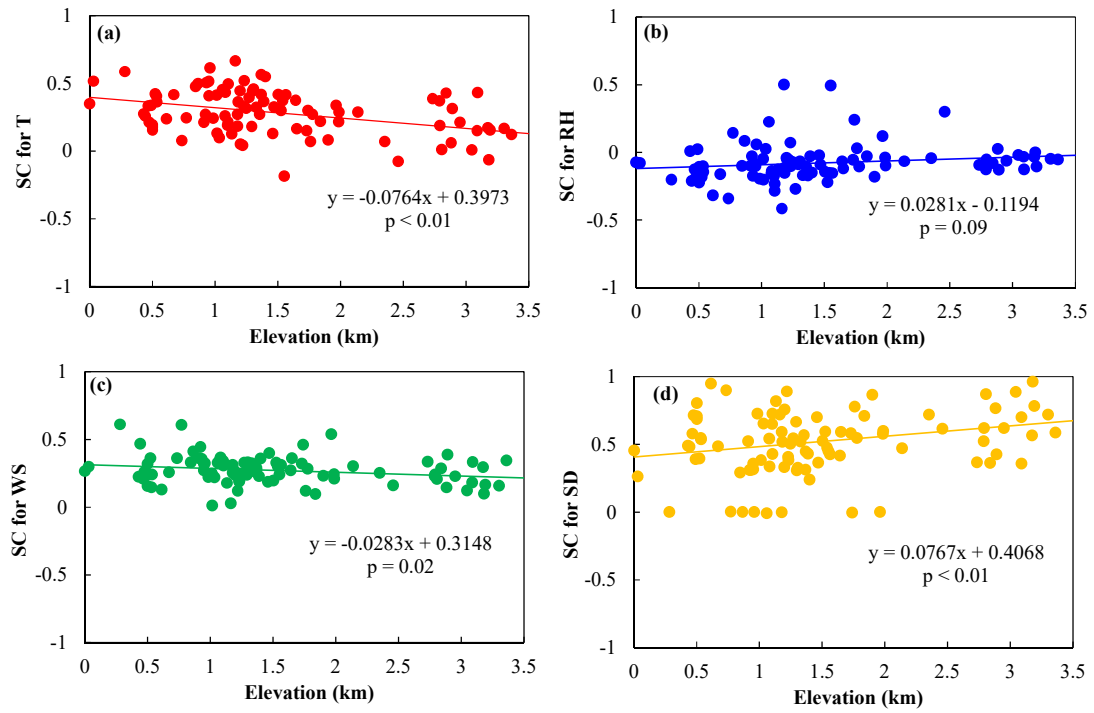
**Figure S1.** Comparison of ET<sub>0</sub> calculated in this study with other ET<sub>0</sub> calculation (regional time series from 1960 to 2010), product (station averaged from 1970 to 2000) and ETpan (station averaged from 1981 to 2010) in NWC.



**Figure S2.** Comparison of the abrupt change test between MK and Pettitt methods.



**Figure S3.** Correlation of wind speed trends with respect to the elevation in NWC.



**Figure S4.** Relationship between elevation and annual  $ET_0$  sensitivity coefficients (SC) for (a) average air temperature (T), (b) relative humidity (RH), (c) wind speed (WS) and (d) sunshine duration (SD) in NWC.