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### Paper:

Chen, F., Yu, S., Yuan, Y., Wang, H. & Gagen, M. (2016). A tree-ring width based drought reconstruction for southeastern China: links to Pacific Ocean climate variability. *Boreas*, 45(2), 335-346.

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Table from the paper.

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Table 1 The Leave-one-out cross-validation statistics for July–February PDSI reconstruction for Fujian, southern China.  $r$  is Pearson correlation coefficient,  $F$  is F-value,  $RE$  is reduction of error,  $CE$  is coefficient of efficiency,  $ST$  is the sign test, and  $FST$  is the first-order sign test.

| $r$   | $F$    | $ST$                             | $FST$                            | $RE$  | $CE$  |
|-------|--------|----------------------------------|----------------------------------|-------|-------|
| 0.564 | 30.325 | 46 <sup>+</sup> /10 <sup>-</sup> | 40 <sup>+</sup> /15 <sup>-</sup> | 0.316 | 0.256 |

Table 2 The values of dry year (1844–2011) for central Fujian and short description of weather or related natural disaster events.

| Year | Reconstruct PDSI value |                        | ENSO events             |  |
|------|------------------------|------------------------|-------------------------|--|
|      |                        | First-order difference |                         | Short description of weather or related natural disaster events            |
| 1856 | -1.011                 | -1.256                 | 1856-1858 (El Niño, M)  | Central and east Fujian: drought   |
| 1857 | -0.156                 | 0.856                  |                         | Central Fujian: flood in spring  |
| 1858 | -1.021                 | -0.866                 |                         | Central Fujian and Jiangxi: great drought, locust disaster and bad harvest |
| 1864 | -3.558                 | -1.451                 | 1864-1866 (El Niño, S)  | Central and north Fujian: drought and cold in winter                       |
| 1869 | -2.678                 | -1.596                 | 1869 (El Niño, M)       | East Fujian: drought   |
| 1876 | -2.683                 | -0.520                 | 1876-1878 (El Niño, VS) | The neighbouring Datian County: drought in summer and autumn of 1875       |
| 1881 | -0.546                 | 1.966                  | 1880-1882 (El Niño, M)  | Central Fujian: flood in spring and summer                                 |
| 1891 | -1.487                 | 1.431                  | 1890-1891 (La Niña, S)  | Central Fujian: flood in spring and summer                                 |
| 1894 | 0.735                  | 1.211                  | 1893-1894 (La Niña, VS) | Central Fujian: flood in spring and summer                                 |
| 1895 | -0.491                 | -1.226                 | 1895-1897 (El Niño, VS) | Central and north Fujian: drought and cold in winter                       |
| 1904 | -1.217                 | 1.901                  | 1903-1904 (La Niña, M)  | Central Fujian: flood in spring  |
| 1908 | -2.738                 | -1.336                 |                         | East Fujian: drought   |
| 1924 | -0.611                 | -1.491                 | 1925-1926 (El Niño, S)  | Central Fujian: drought in spring and summer                               |
| 1927 | -1.697                 | -1.487                 | 1927-1928 (El Niño, M)  | Central Fujian: drought in summer and autumn                               |
| 1933 | -0.301                 | 1.776                  | 1931-1933 (El Niño, S)  | Central Fujian: flood in spring and summer                                 |
| 1944 | -0.846                 | -1.171                 | 1944-1945 (El Niño, S)  | Central Fujian: drought in spring and summer                               |
| 1956 | -2.037                 | -0.911                 | 1957-1958 (El Niño, S)  | Central Fujian: drought in autumn and winter                               |
| 1962 | 0.235                  | 1.451                  | 1962-1963 (La Niña, W)  | Central Fujian: flood in summer  |
| 1965 | -2.212                 | -1.726                 | 1965-1966 (El Niño, S)  | Central Fujian: drought in spring and summer                               |
| 1966 | -3.918                 | -1.706                 |                         | Central Fujian: drought in spring and summer                               |
| 1978 | -1.101                 | -1.021                 | 1979-1980 (El Niño, M)  | Central Fujian: drought in summer and autumn                               |
| 1998 | -0.231                 | 1.496                  | 1997-1998 (El Niño, S)  | Fujian: flood in summer  |
| 2004 | -1.021                 | -1.206                 | 2004-2005 (El Niño, M)  | Fujian: great drought  |
| 2010 | 0.530                  | 1.696                  | 2009-2010 (El Niño, M)  | Fujian: flood in spring and summer   |

E=Extreme VS=Very Strong S=Strong M=Moderate W=Weak