

Figure S1. Temporal evolution of the annual and seasonal differences (events/for each grid point) between the flash drought series recorded by the SPI, EDDI and SPEI on mainland Spain and the Balearic Islands over the period 1961–2018.

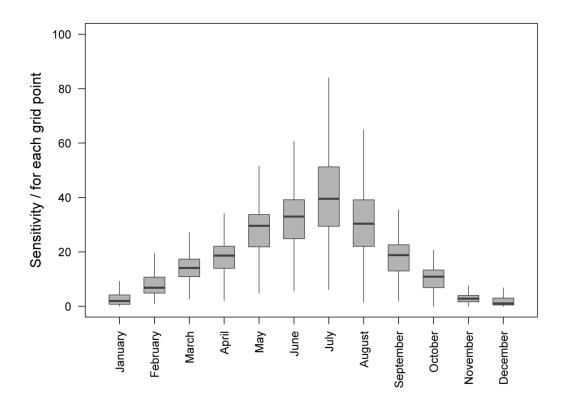


Figure S2. Monthly frequency of the sensitivity (%) of the SPEI to AED on mainland Spain and the Balearic Islands over the period 1961-2018 at a short time scale (1-month). The monthly series include the weekly data for the last week of each month in each year.