

Supplementary Material

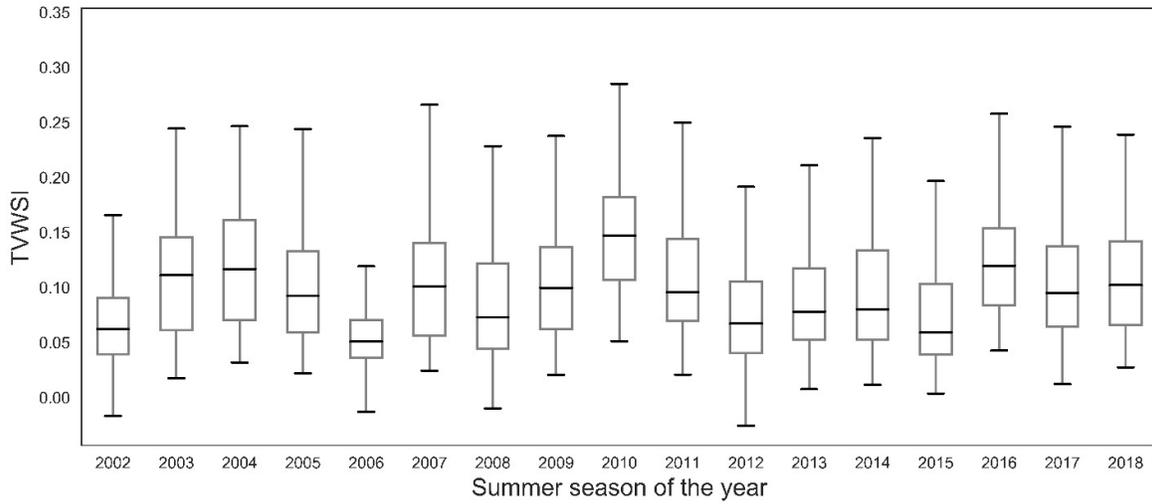


Figure S1. The interannual variability in TVWSI during the temporal study period. 2006 was the driest year of the millennium drought (1997-2009), while 2010 was the wettest season.

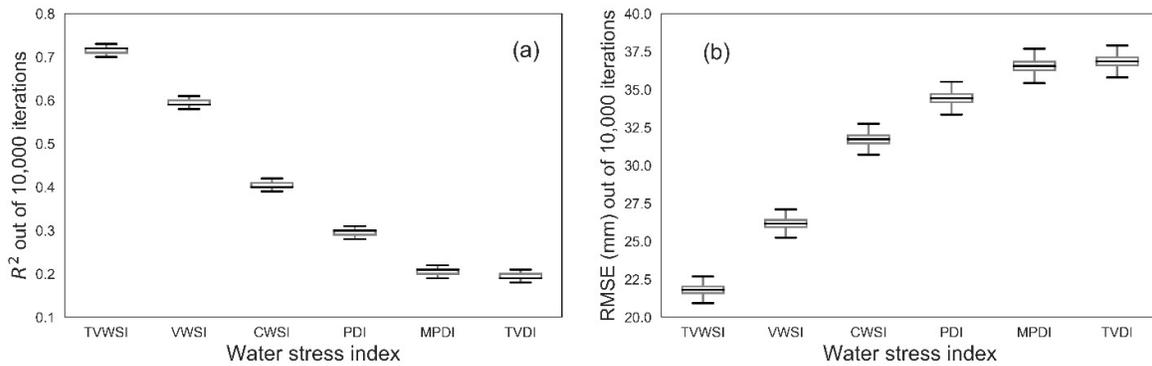


Figure S2. the range of R^2 and RMSE obtained by running 10,000 iterations on the different samples of training and testing data, a) R^2 (Actual vs. Predicted AWRA-L soil moisture), b) RMSE (Actual vs. Predicted AWRA-L soil moisture).