Figure S1: Number of considered catchments in each climatic box. Overall, 243 catchments across Europe are evaluated in this study.

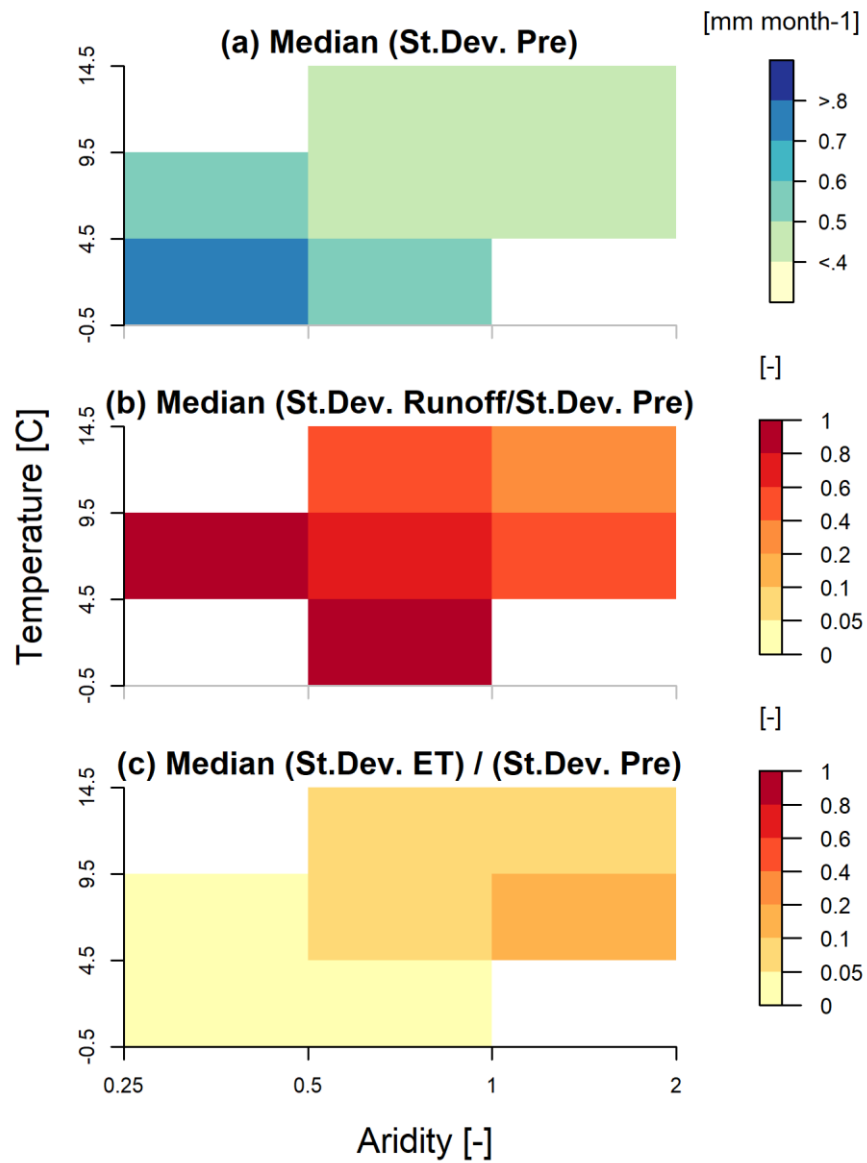
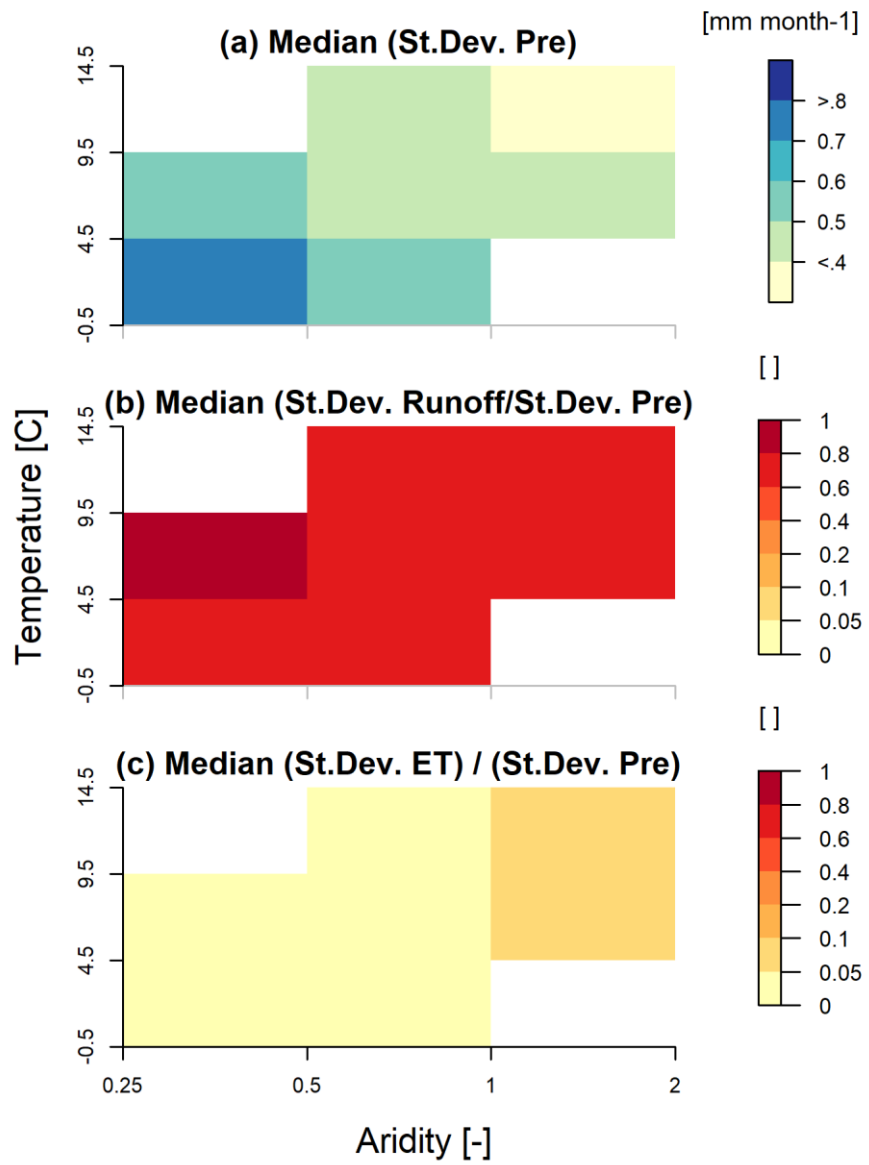



Figure S2: Same as figure 4 in the main text, but with results obtained from the model calibrated using GPCC precipitation data.

10   **Figure S3: Same as figure 4 in the main text, but with results computed for whole year.**

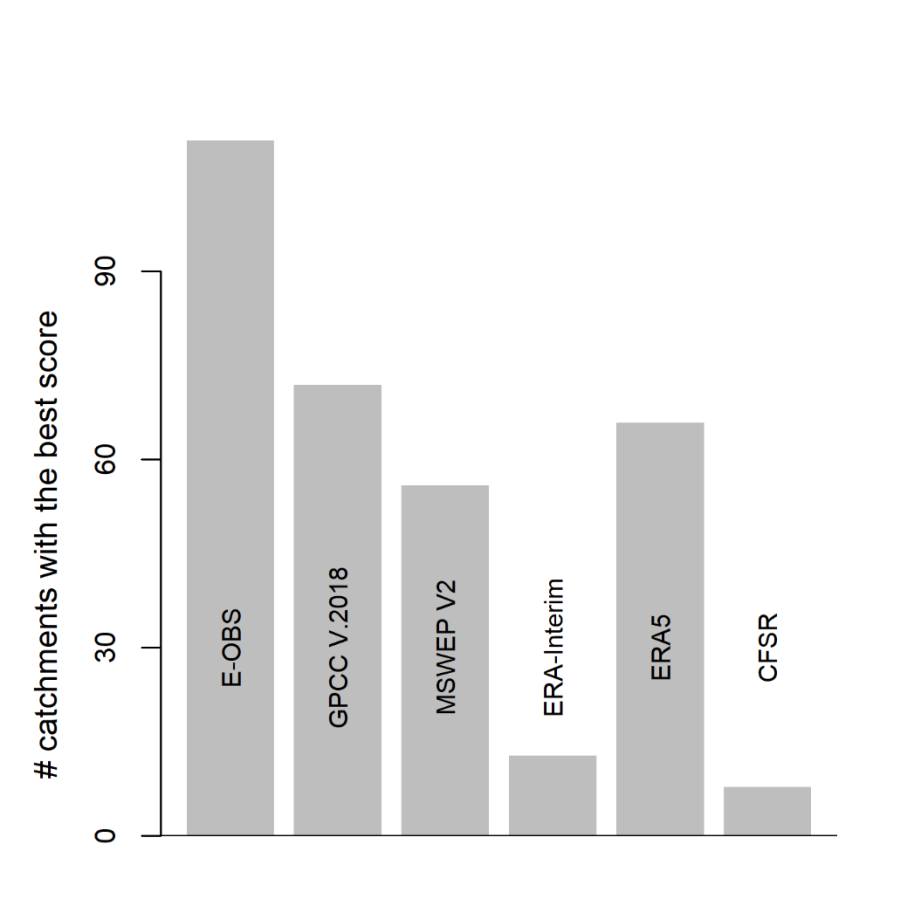



Figure S4: Same as figure 5 in the main text, but with results computed for whole year.

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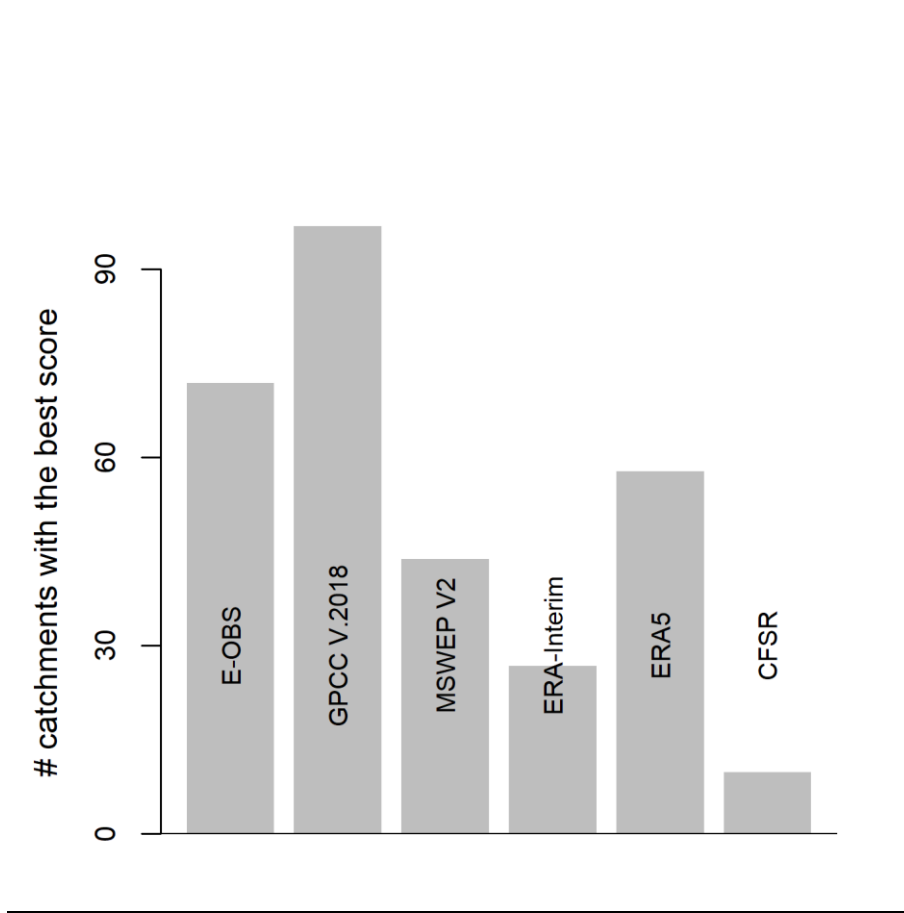
Figure S5: Same as figure 5 in the main text, but with results obtained from the model calibrated using GPCC precipitation data.

Figure S6: Same as figure 5 in the main text, but with results obtained from absolute error and correlation separately (whole year).