Figure S1: Spearman correlation coefficient between precipitation and maximum temperature (left panel) and precipitation and minimum temperature (right panel) for the reference data.
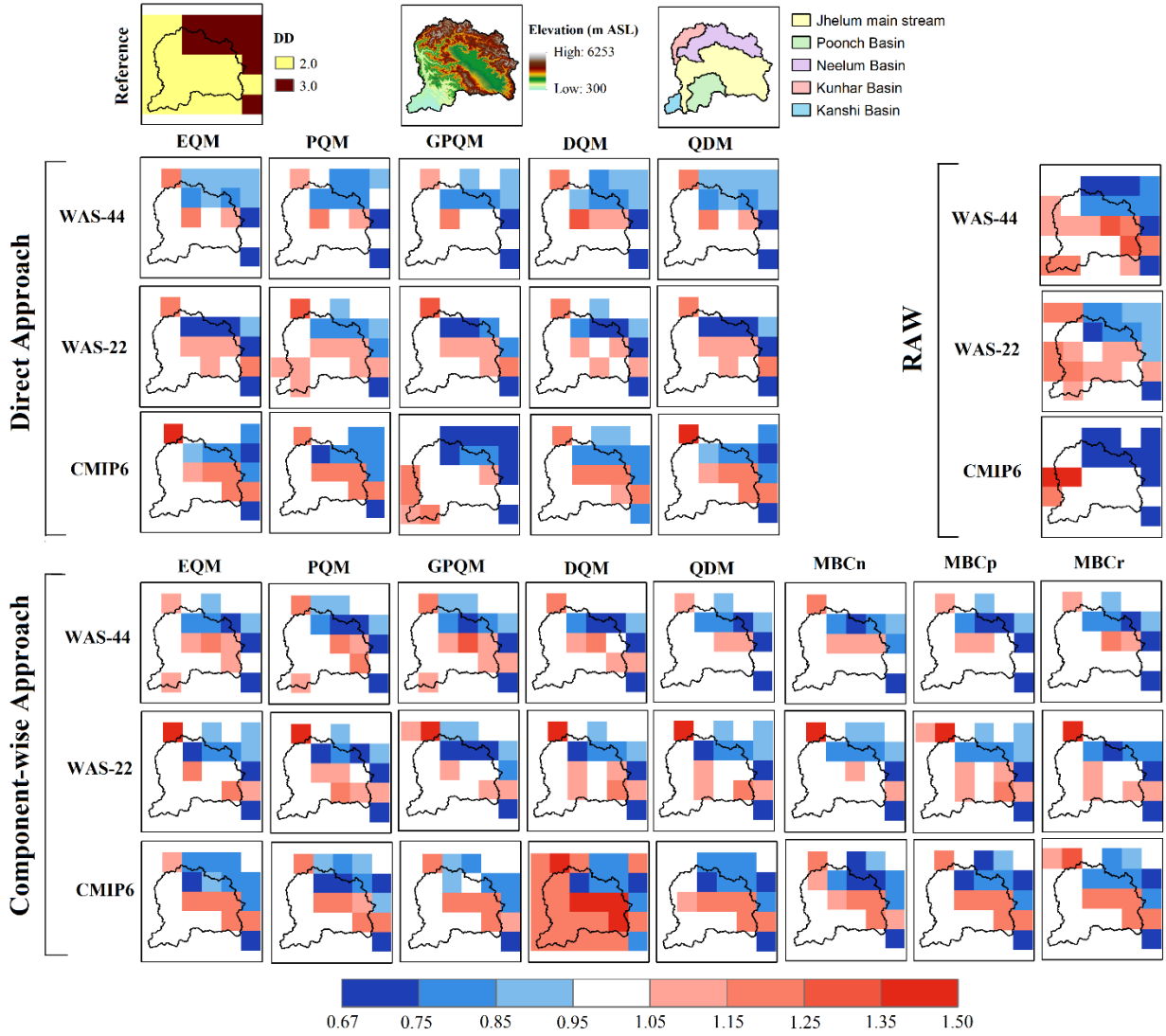
Figure S2: Median dry duration (DD) expressed in months in the reference dataset (first row, left), digital elevation model in meter above sea level (first row, center and location of sub-basins (first row, right), and biases (as a ratio of model to reference) for the multi-model raw ensembles and bias-corrected ensembles, for the two bias correction approaches and all methods (columns).
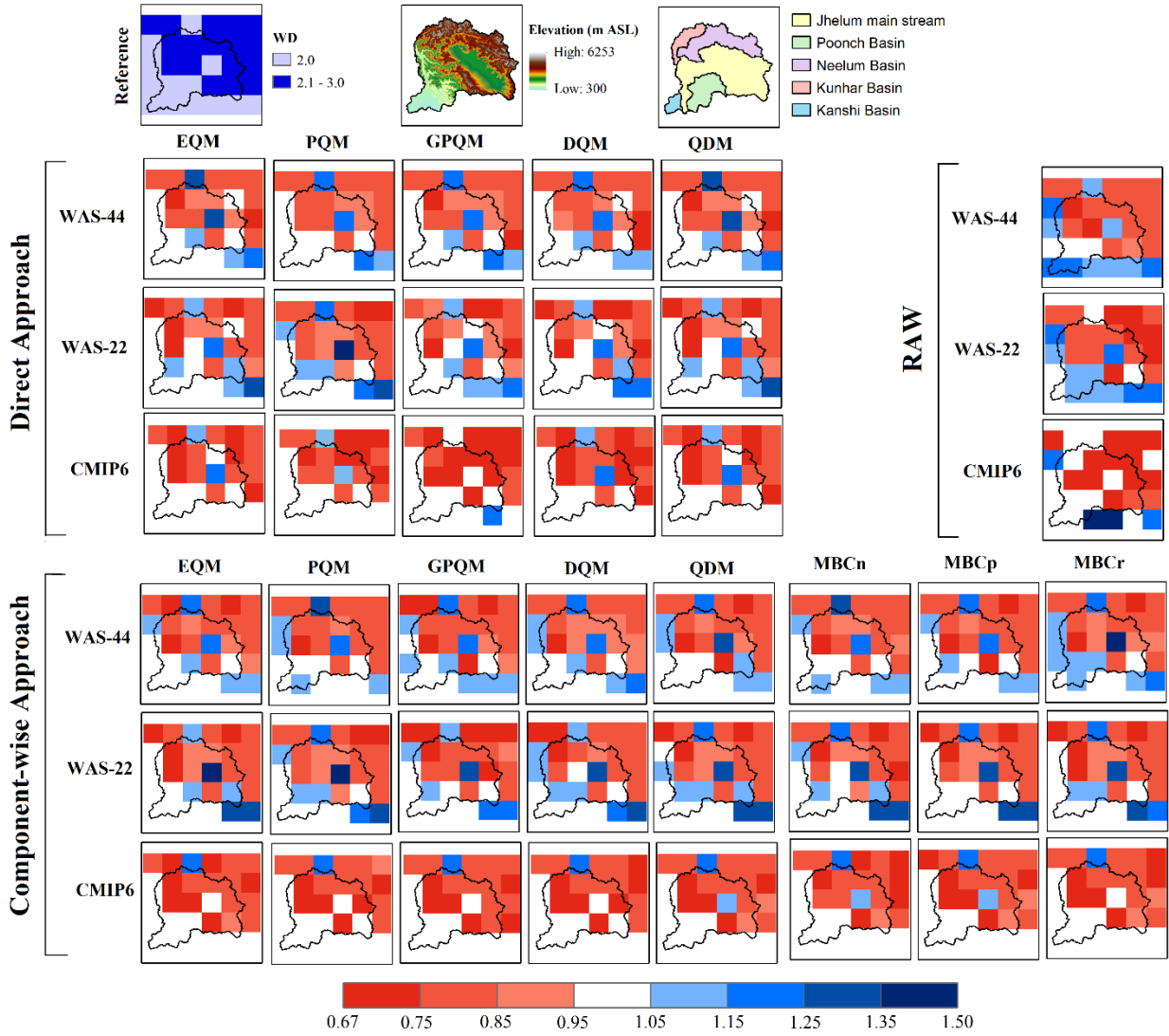
Figure S3: Same as figure S2, but for median wet duration (WD) expressed in months.
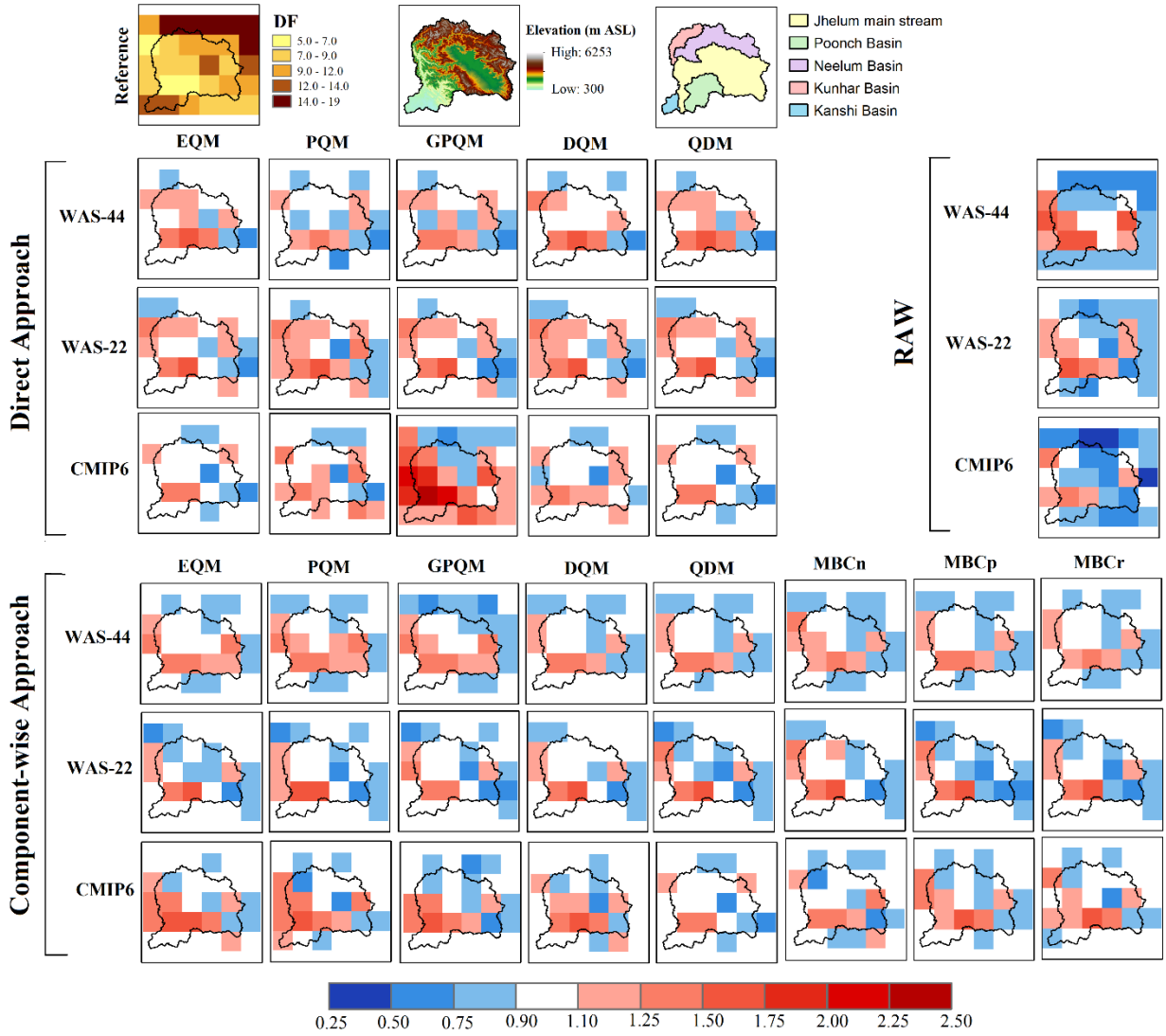
Figure S4: Same as figure S2, but for absolute dry frequency (DF) expressed as total number of dry events.
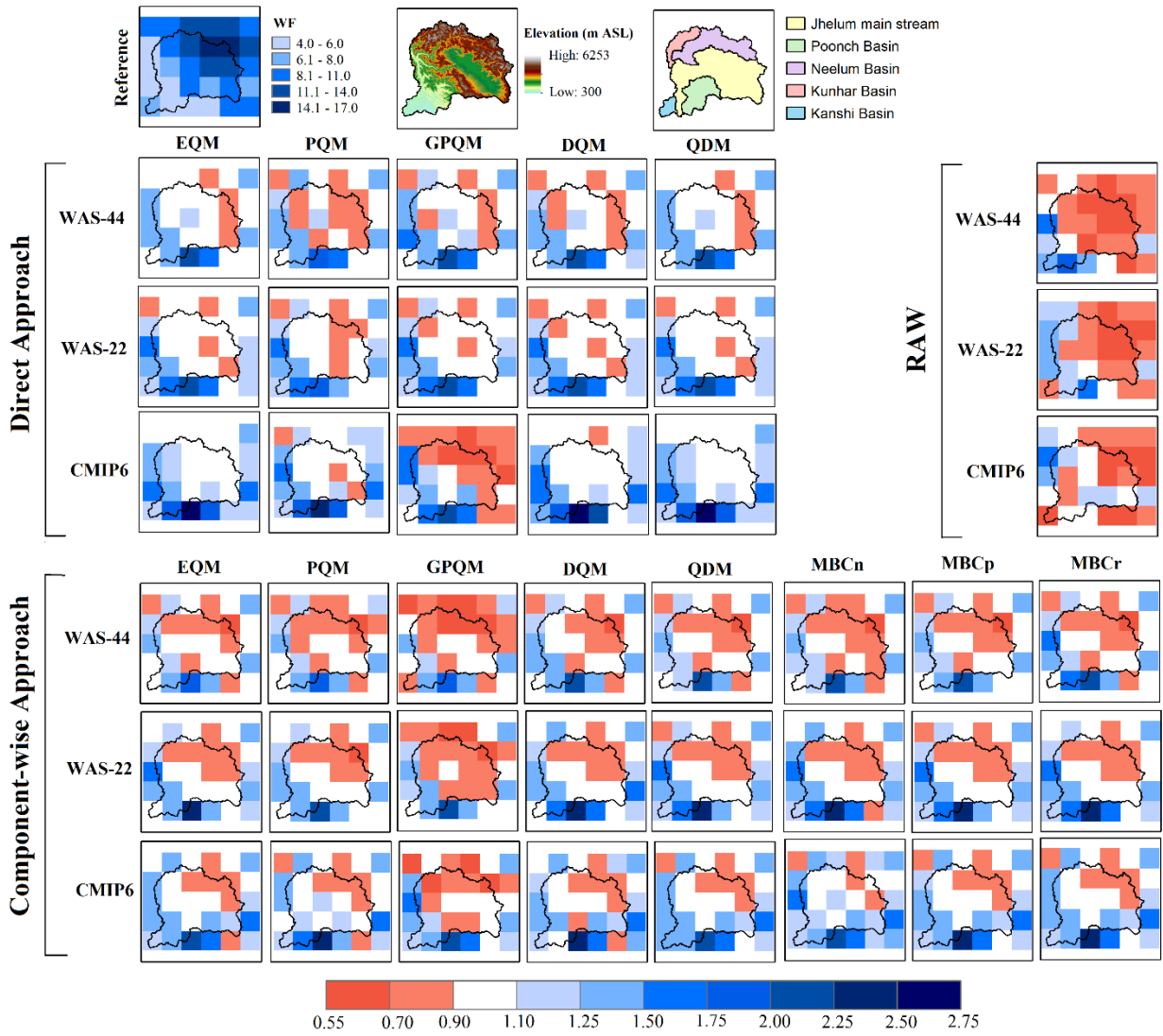
Figure S5: Same as figure S2, but for absolute wet frequency (WF) expressed as total number of wet events.