Select the three most similar donors to the receptor basin

Utilize Ragg calculated at the selected donor basins

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Transfer the weights and bias ratios to receptor basins

Weighted runoff dataset at ungauged basins and aggregated regions

Observed streamflow at the selected donor basins

Models unable to catch the dynamics of the observed flow

Non-donor and non-receptor basins

Visual assessment of time series and metric values

Gauged basins

Big basins

Small basins

Extract streamflow value at stream gauge grid cell

Compute runoff aggregate Ragg within basin

Correct for routing

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