

How well CMIP6 climate models reproduce the historical annual maxima of daily precipitation?

Approach

Simulations

Vs

Observations

1

Comparing L-moments individually.

2

Comparing joint behavior of L-moments.

3

Comparing distributions using Hellinger distance.

Conclusions

70% of CMIP6 climate models simulate well individual L-moments except some biases in mean and L-variation bivariate densities. Biases mostly were in arid, semi-arid, or mountainous regions.

Results

