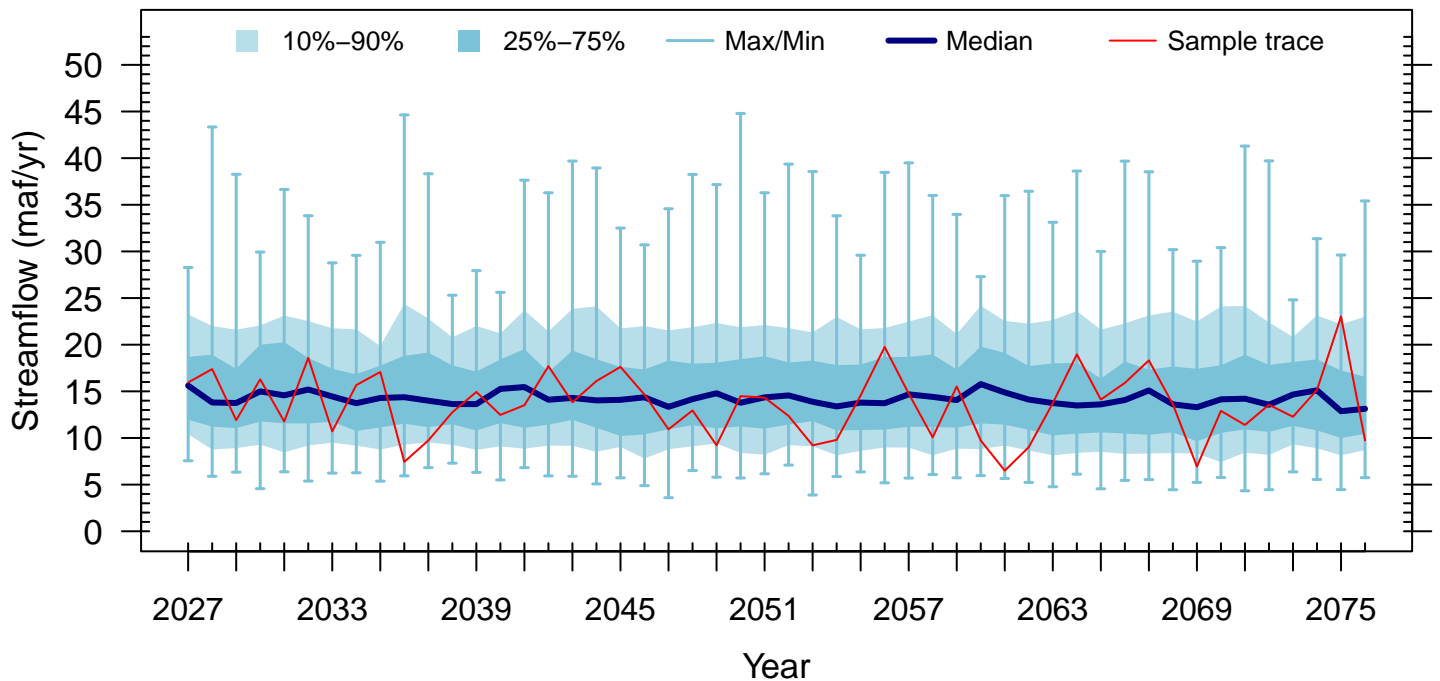


Attributes of Streamflow Ensembles in Colorado River Basin

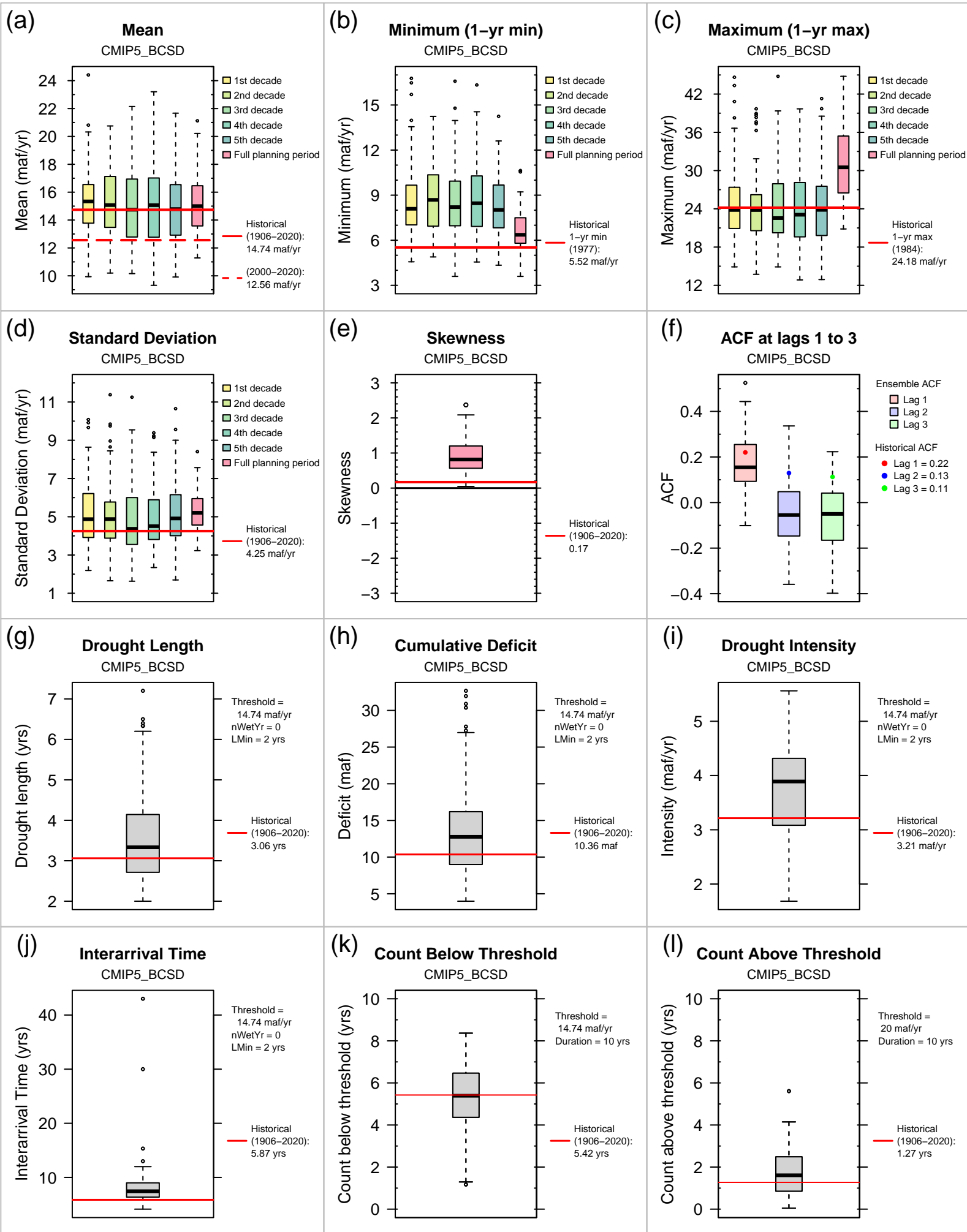
Ensemble: CMIP5_BCSD
Number of Realizations: 97
Planning Period: 2027–2076

Simulated Annual Natural Flow for the Colorado River at Lees Ferry, Arizona

Ensemble: CMIP5_BCSD, Number of Realizations: 97

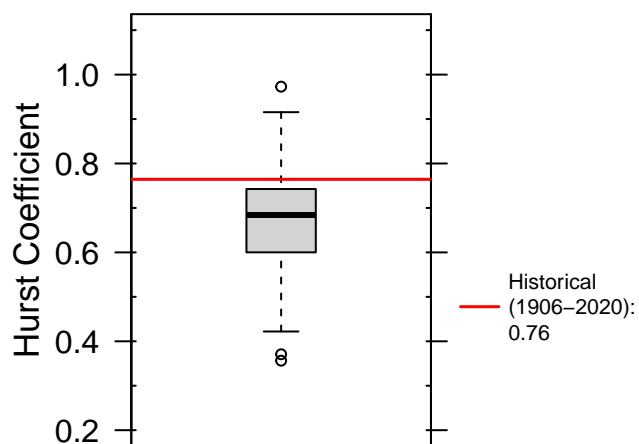


Mann–Kendall Trend Test: $\tau = -0.18$, $P\text{-Value} = 0.061$
Trend = -0.0119 maf/yr, Not Statistically Significant

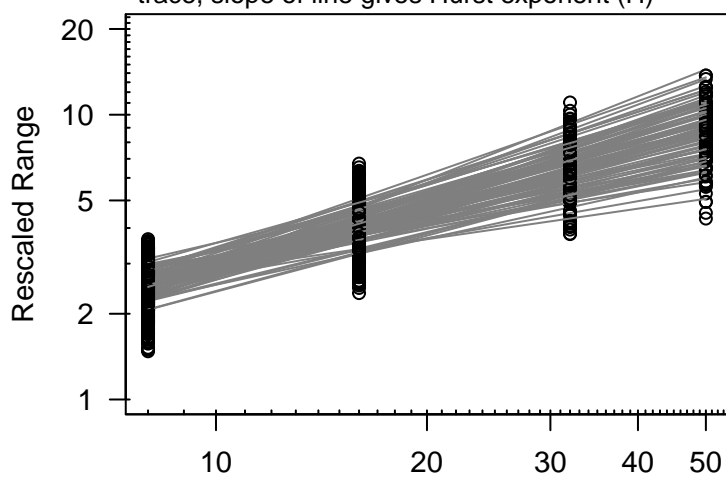


Hurst coefficient

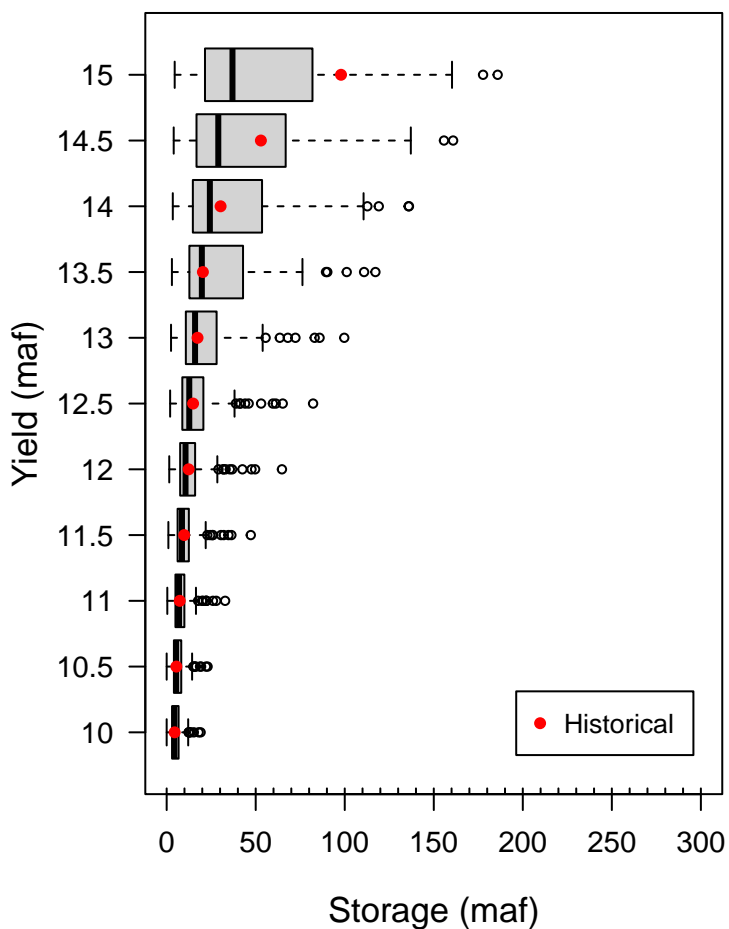
CMIP5_BCSD



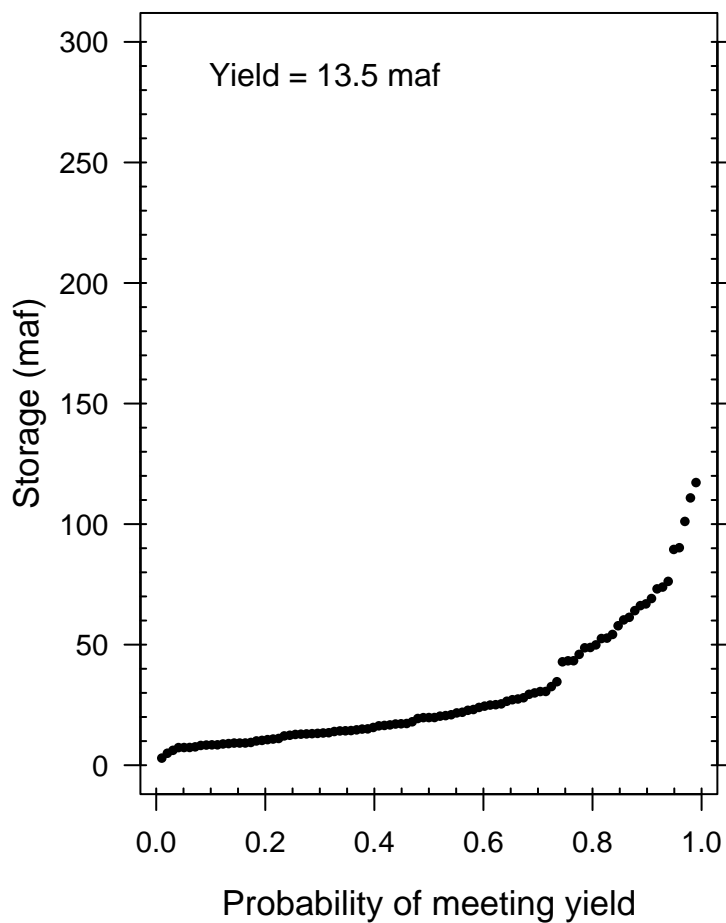
Points for all traces and durations, line for each trace, slope of line gives Hurst exponent (H)



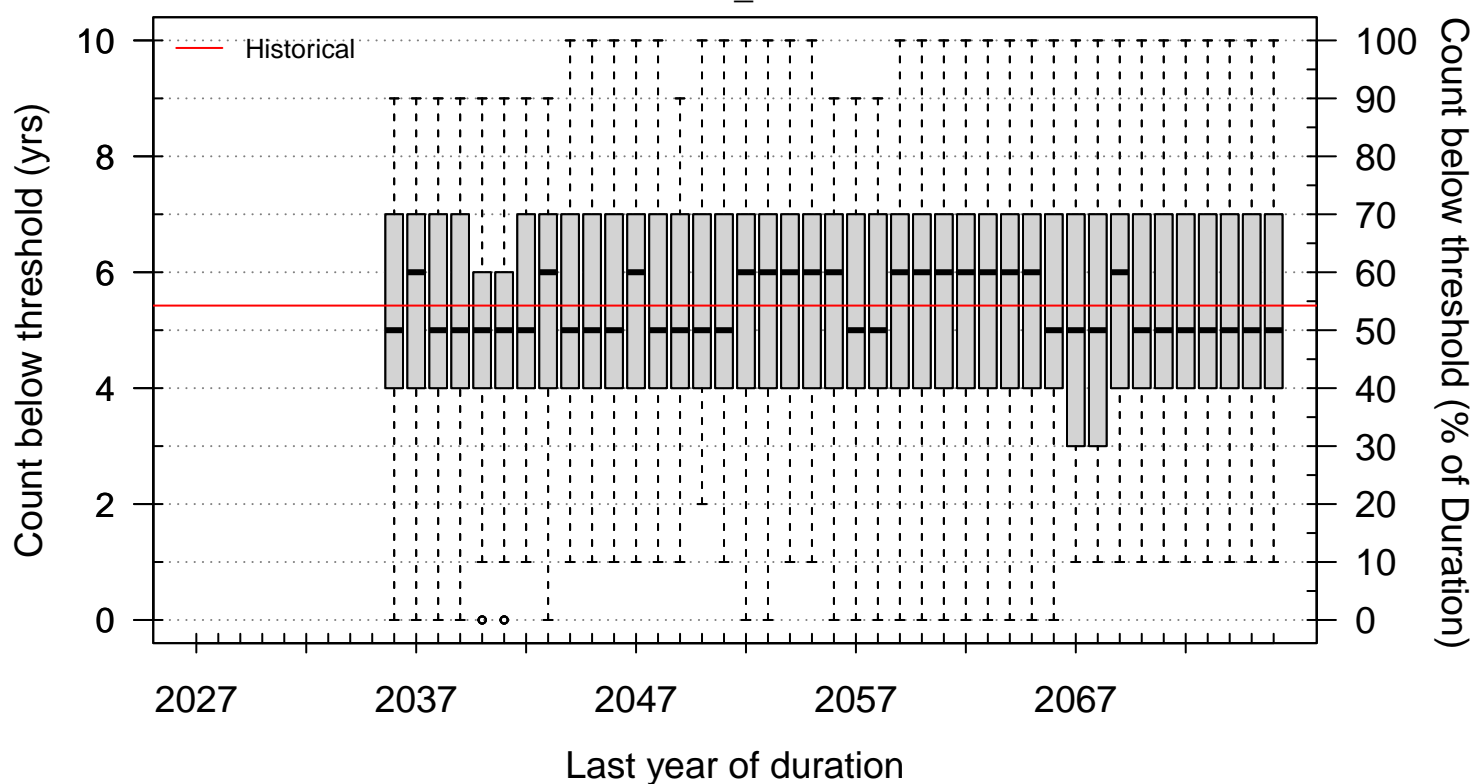
Reservoir Storage–Yield Analysis CMIP5_BCSD



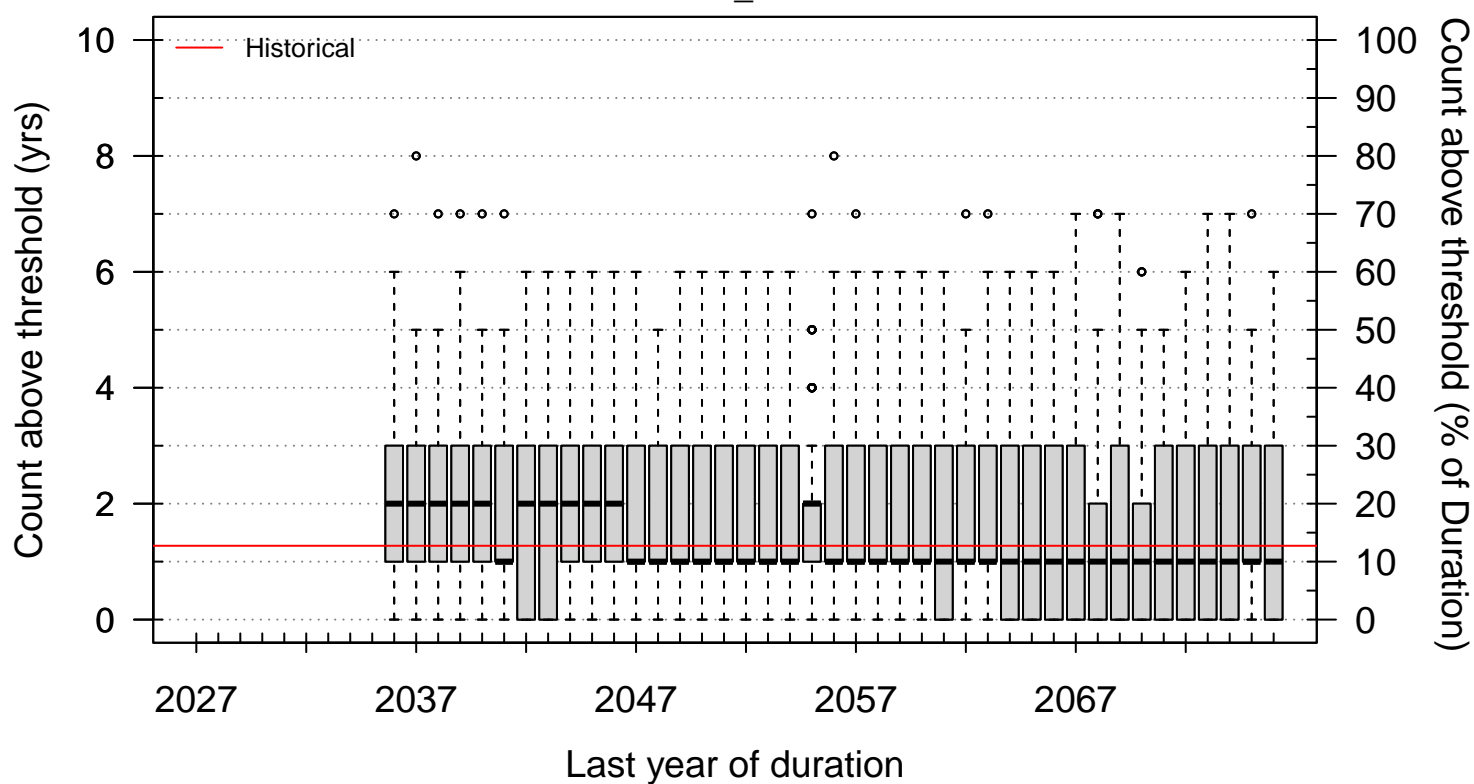
Reservoir Storage Reliability CMIP5_BCSD



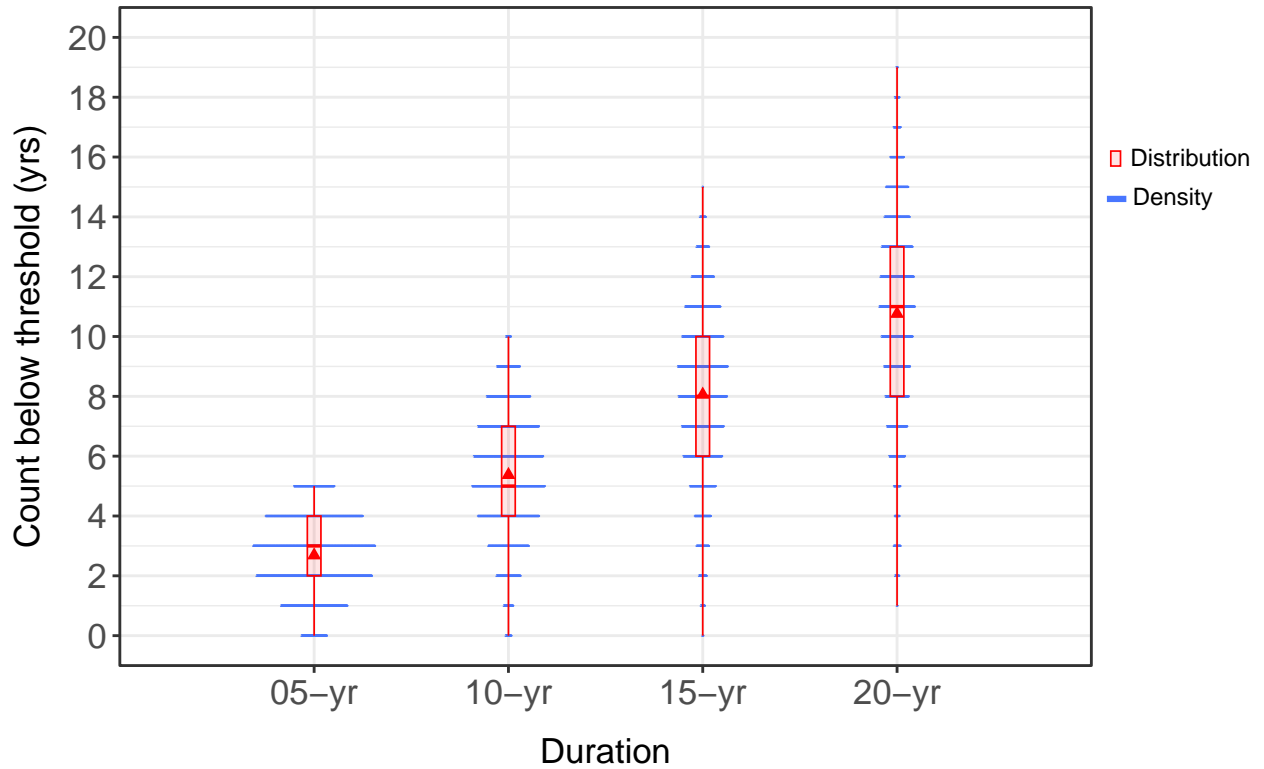
Moving count below threshold (Duration: 10 yrs; Threshold: 14.74 maf/yr)
CMIP5_BCSD



Moving count above threshold (Duration: 10 yrs; Threshold: 20 maf/yr)
CMIP5_BCSD



Duration-count analysis (Threshold: 14.74 maf/yr) CMIP5_BCSD



Duration-Severity Analysis, Ensemble: CMIP5_BCSD

