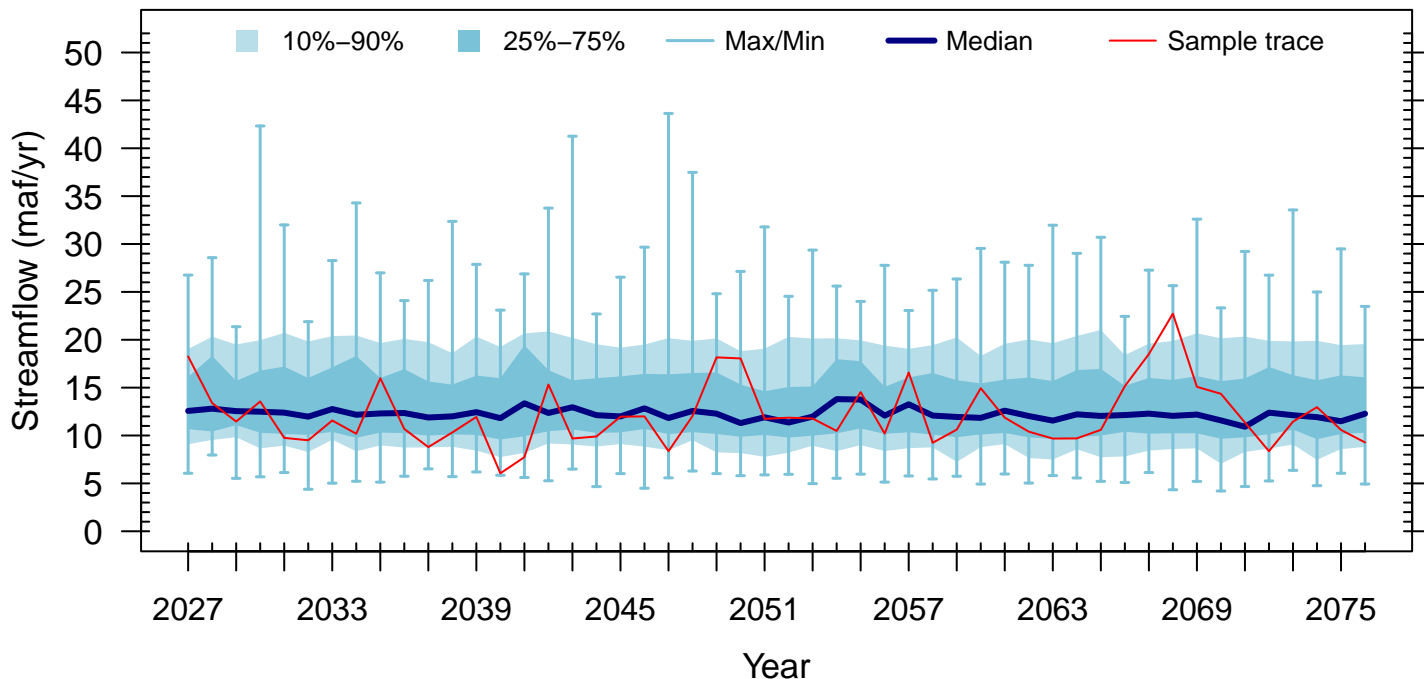


Attributes of Streamflow Ensembles in Colorado River Basin

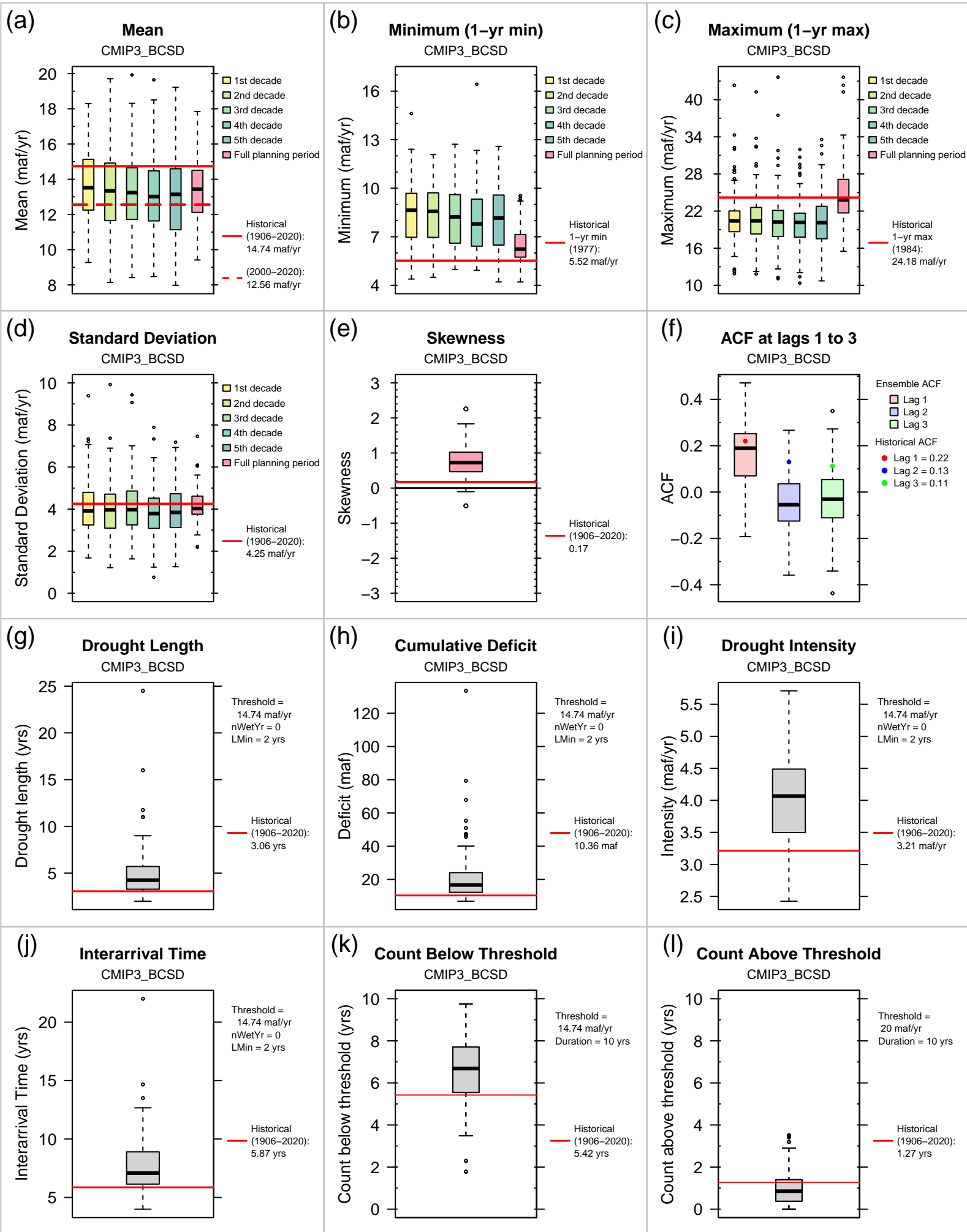
Ensemble: CMIP3_BCSD
Number of Realizations: 112
Planning Period: 2027–2076

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

Ensemble: CMIP3_BCSD, Number of Realizations: 112

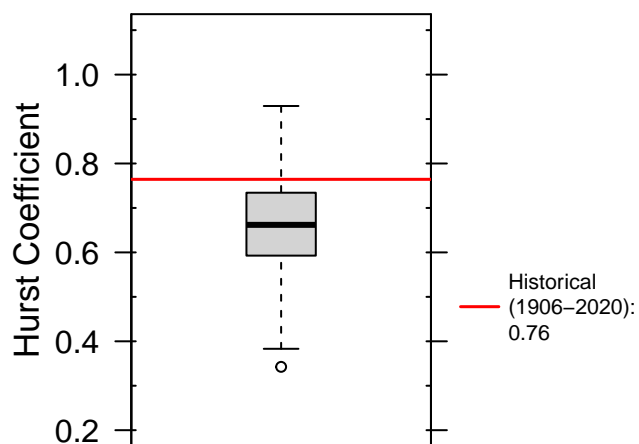


Mann–Kendall Trend Test: $\tau = -0.23$, $P\text{-Value} = 0.0192$
Trend = -0.0114 maf/yr, Statistically Significant

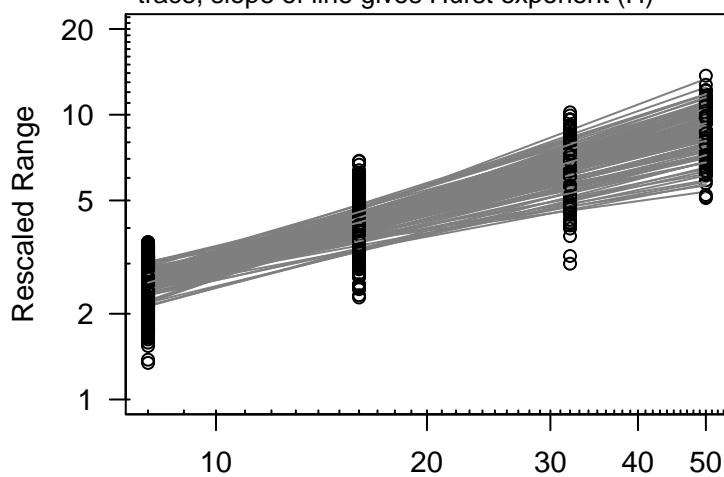


Hurst coefficient

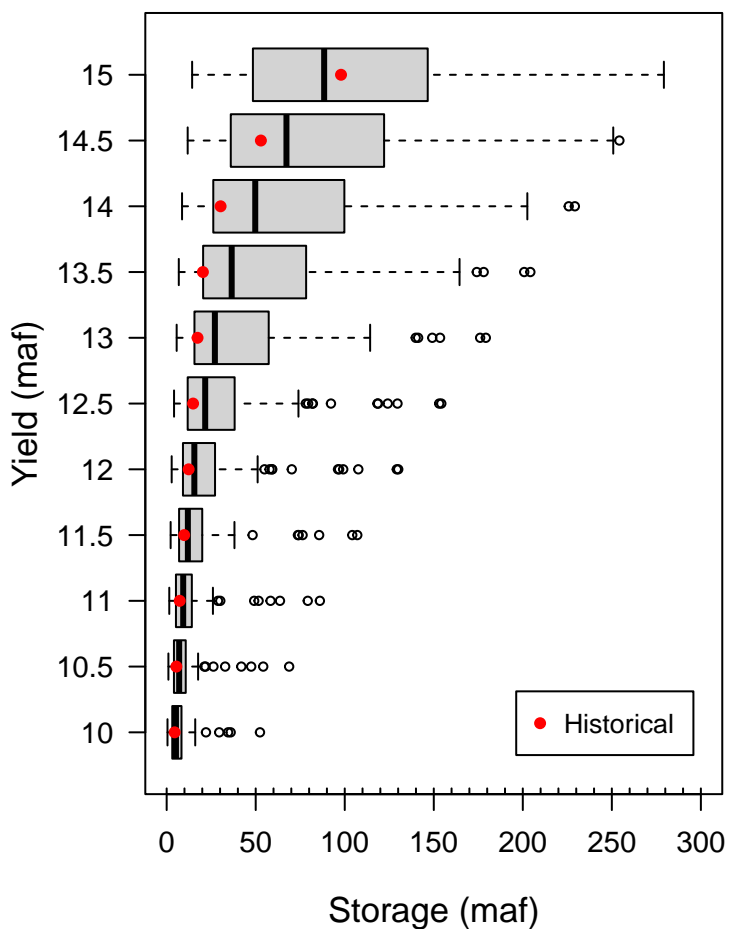
CMIP3_BCSD



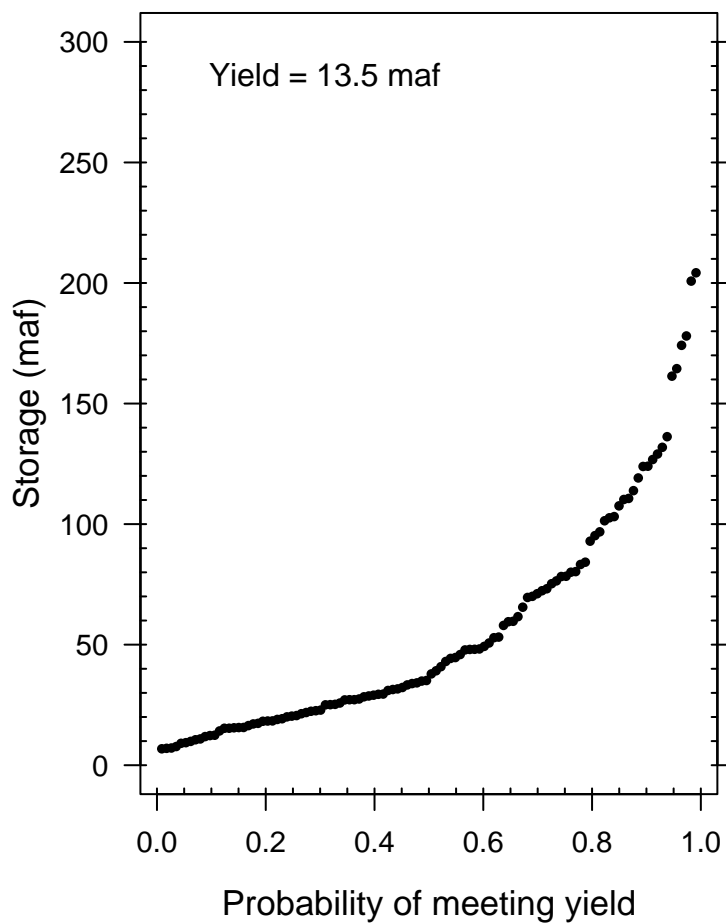
Points for all traces and durations, line for each trace, slope of line gives Hurst exponent (H)



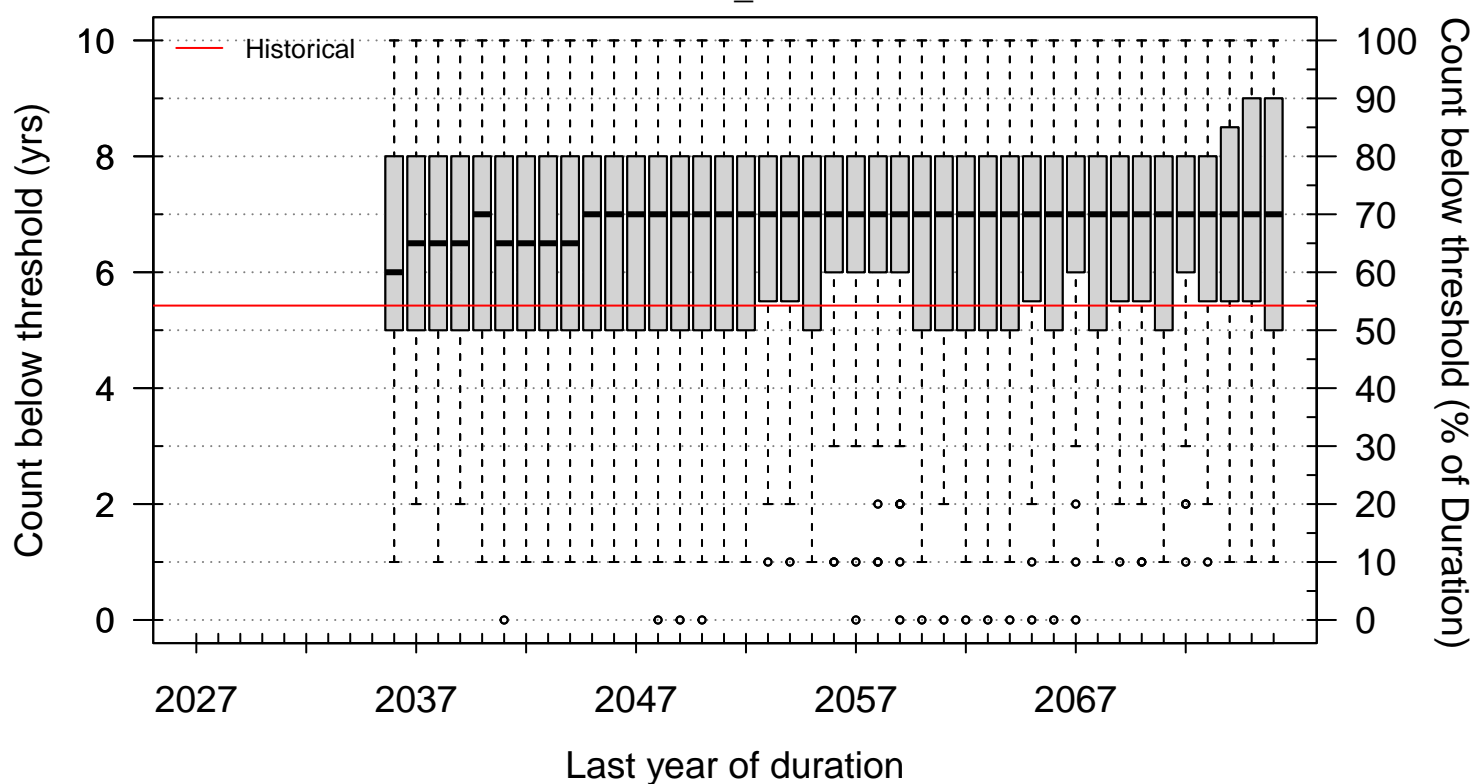
Reservoir Storage-Yield Analysis CMIP3_BCSD



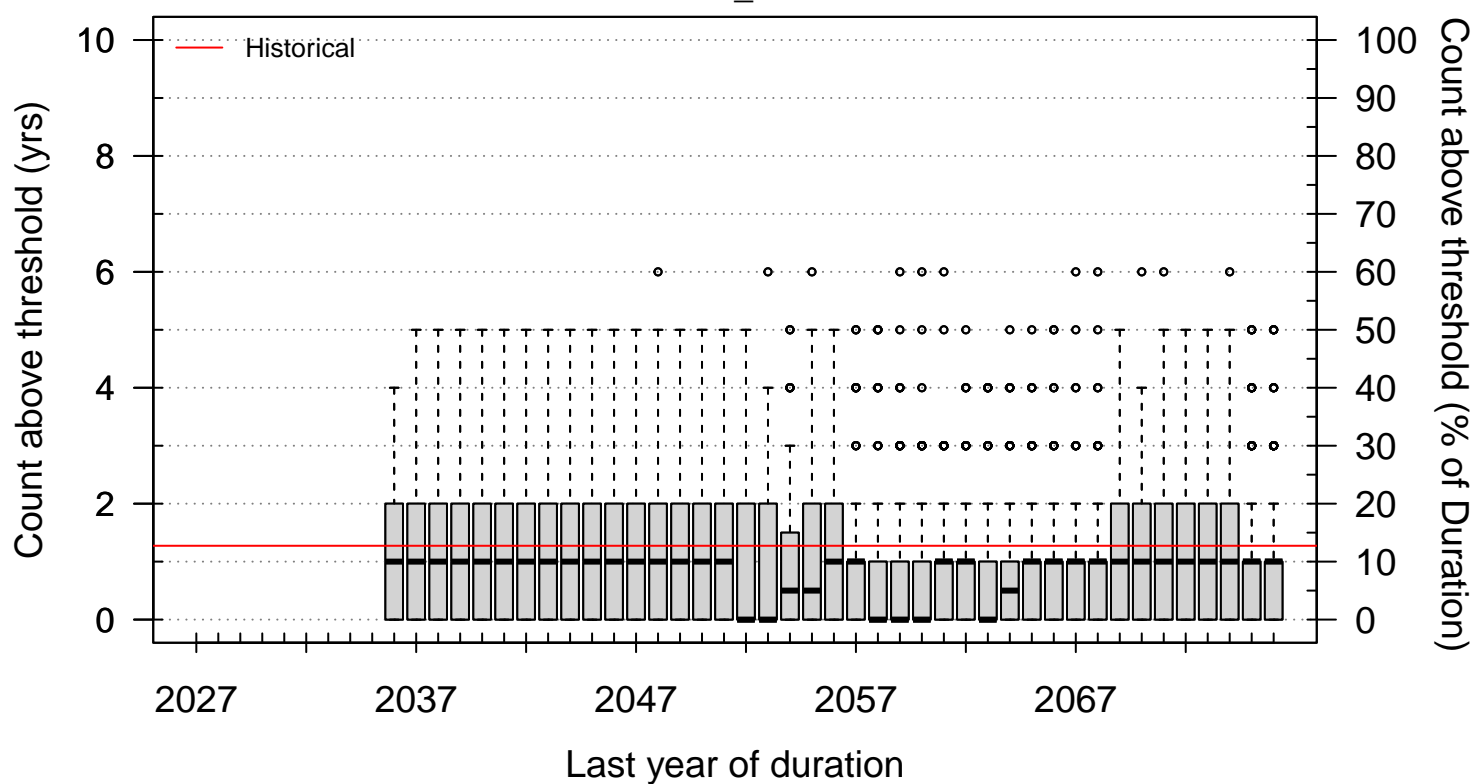
Reservoir Storage Reliability CMIP3_BCSD



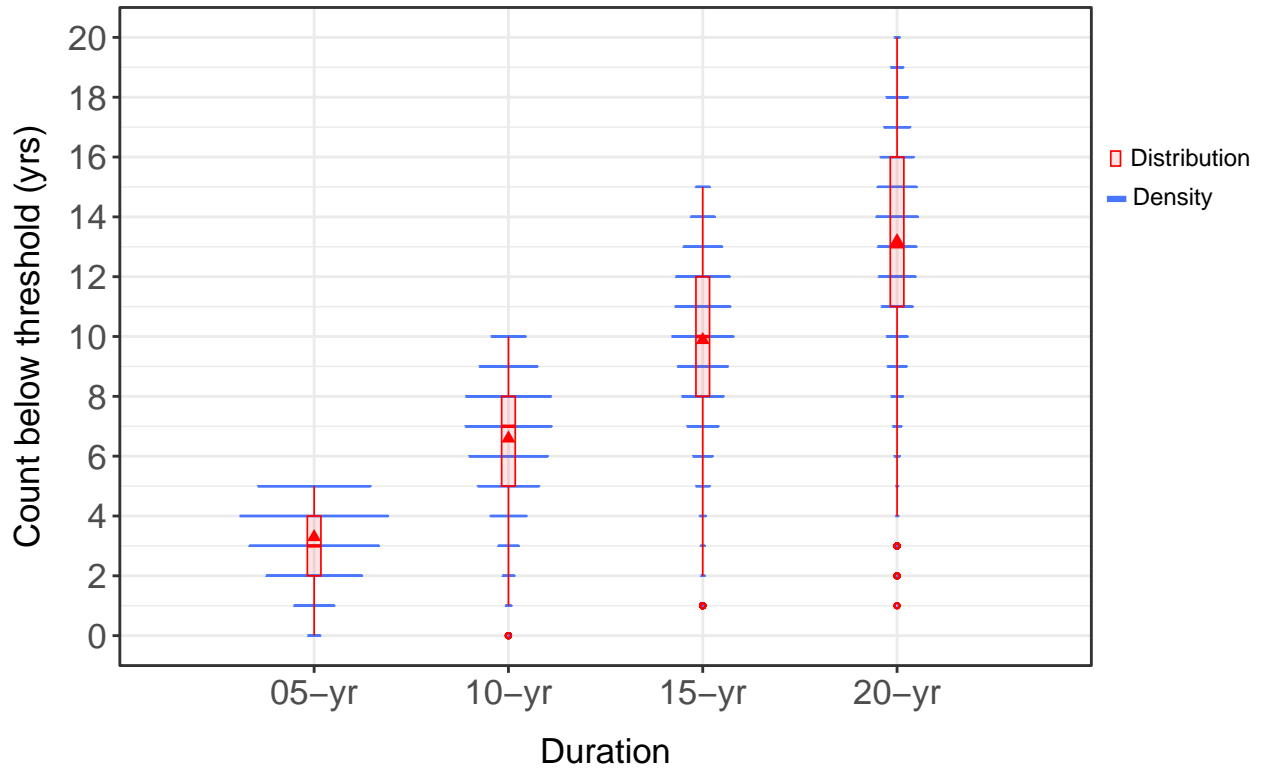
Moving count below threshold (Duration: 10 yrs; Threshold: 14.74 maf/yr)
CMIP3_BCSD



Moving count above threshold (Duration: 10 yrs; Threshold: 20 maf/yr)
CMIP3_BCSD



Duration-count analysis (Threshold: 14.74 maf/yr) CMIP3_BCSD



Duration-Severity Analysis, Ensemble: CMIP3_BCSD

