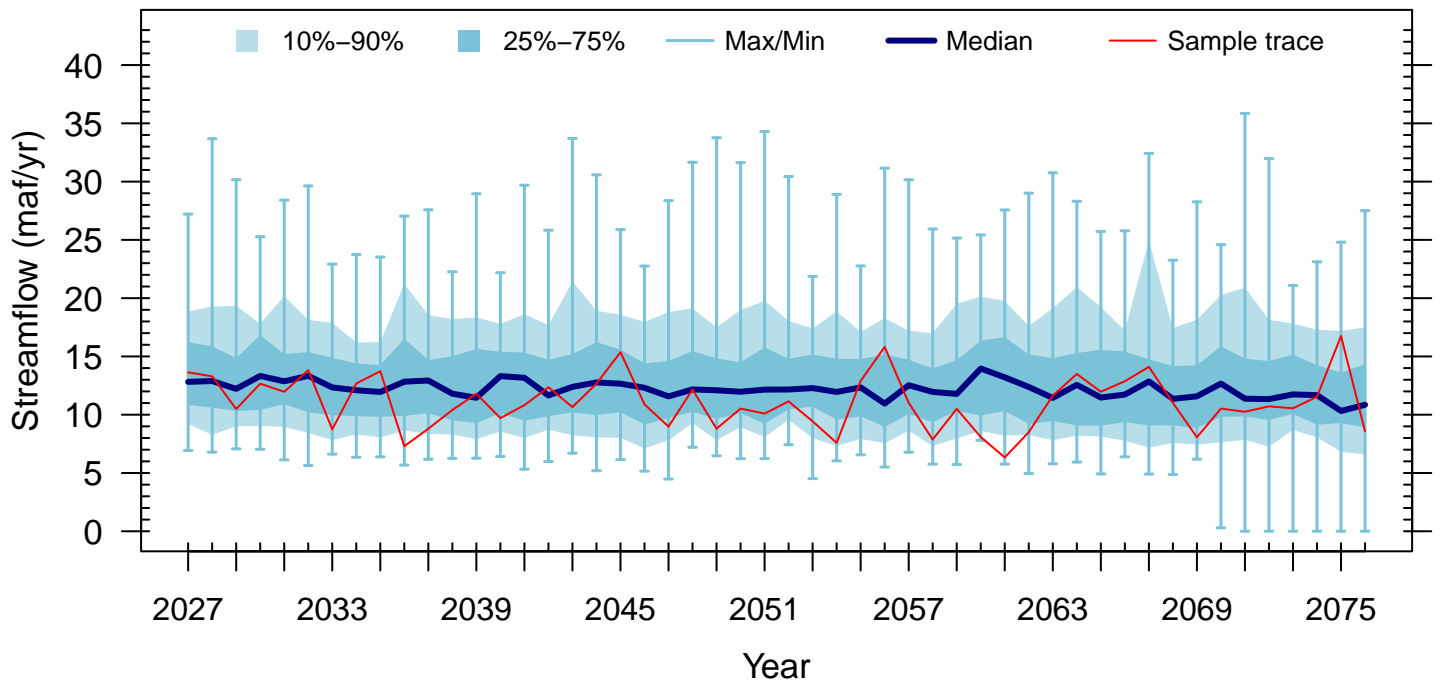


Attributes of Streamflow Ensembles in Colorado River Basin

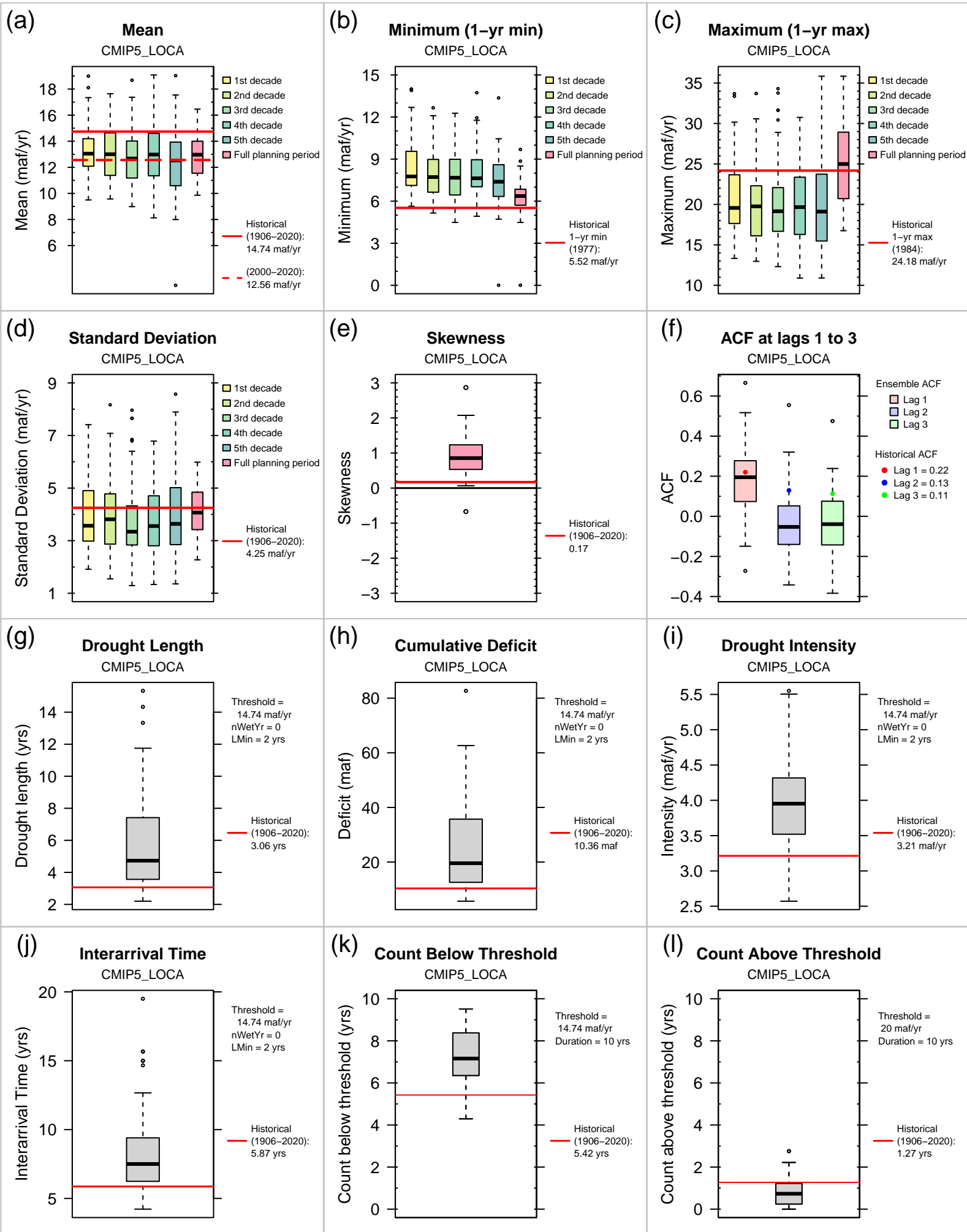
Ensemble: CMIP5_LOCA
Number of Realizations: 64
Planning Period: 2027–2076

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

Ensemble: CMIP5_LOCA, Number of Realizations: 64

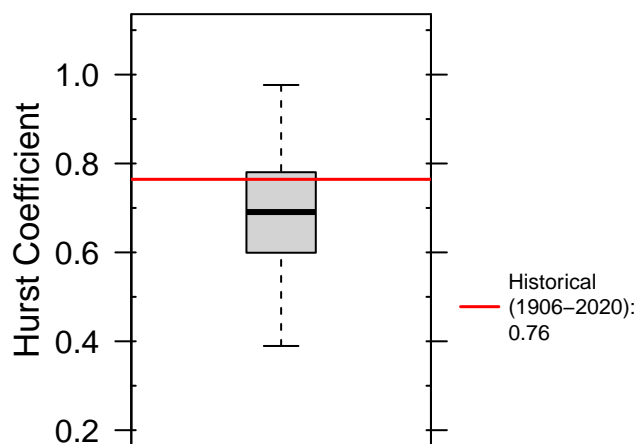


Mann–Kendall Trend Test: $\tau = -0.37$, $P\text{-Value} = 1e-04$
Trend = -0.0249 maf/yr, Statistically Significant

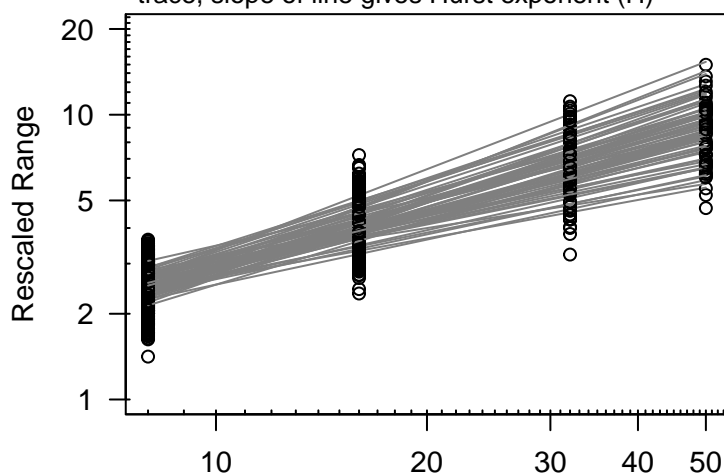


Hurst coefficient

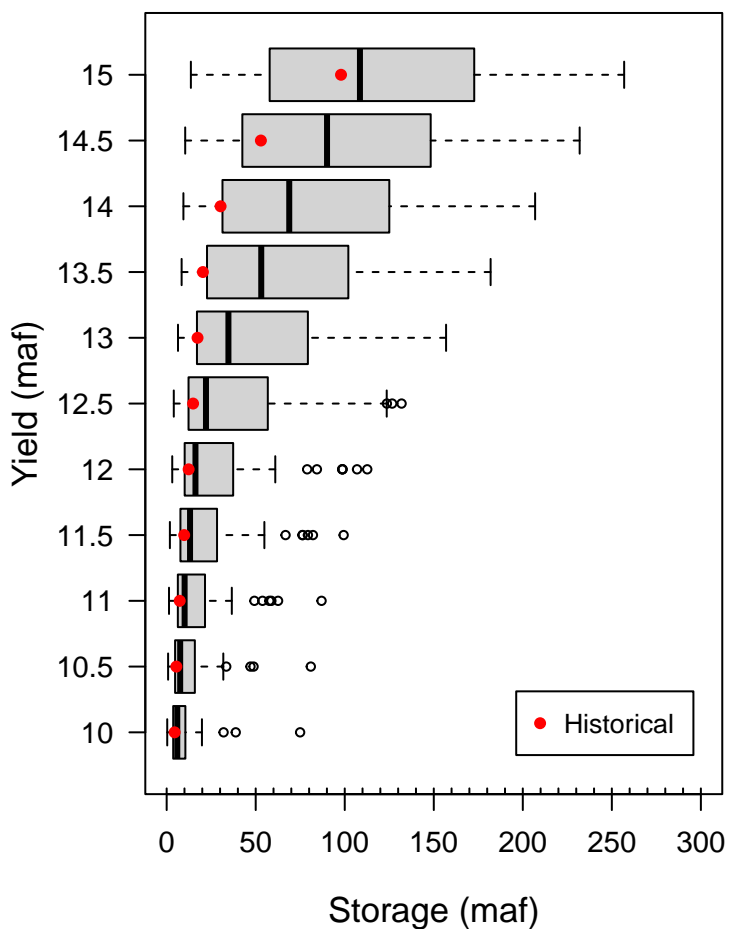
CMIP5_LOCA



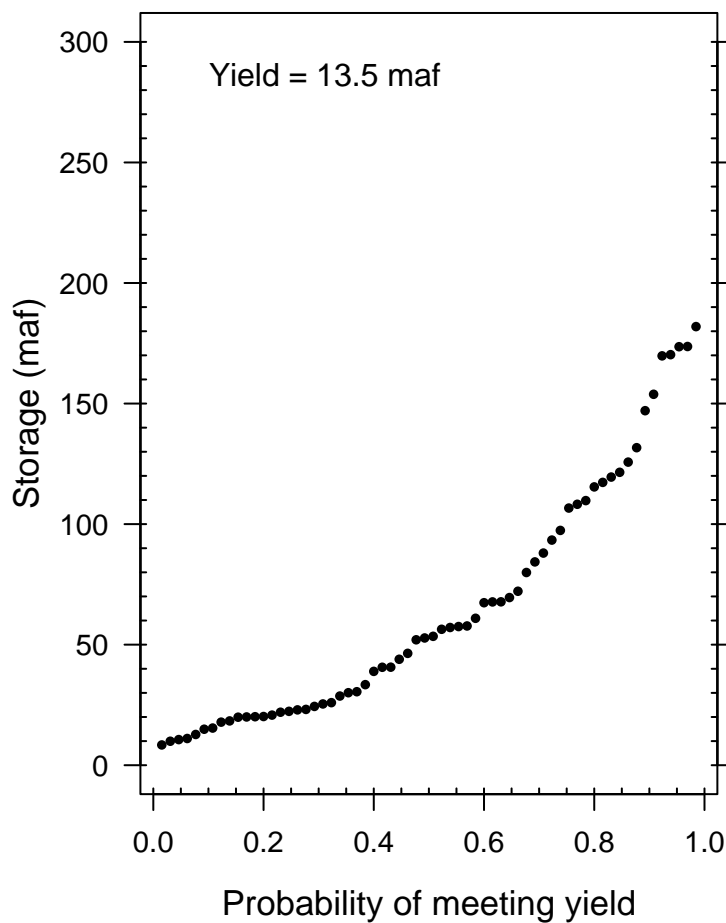
Points for all traces and durations, line for each trace, slope of line gives Hurst exponent (H)



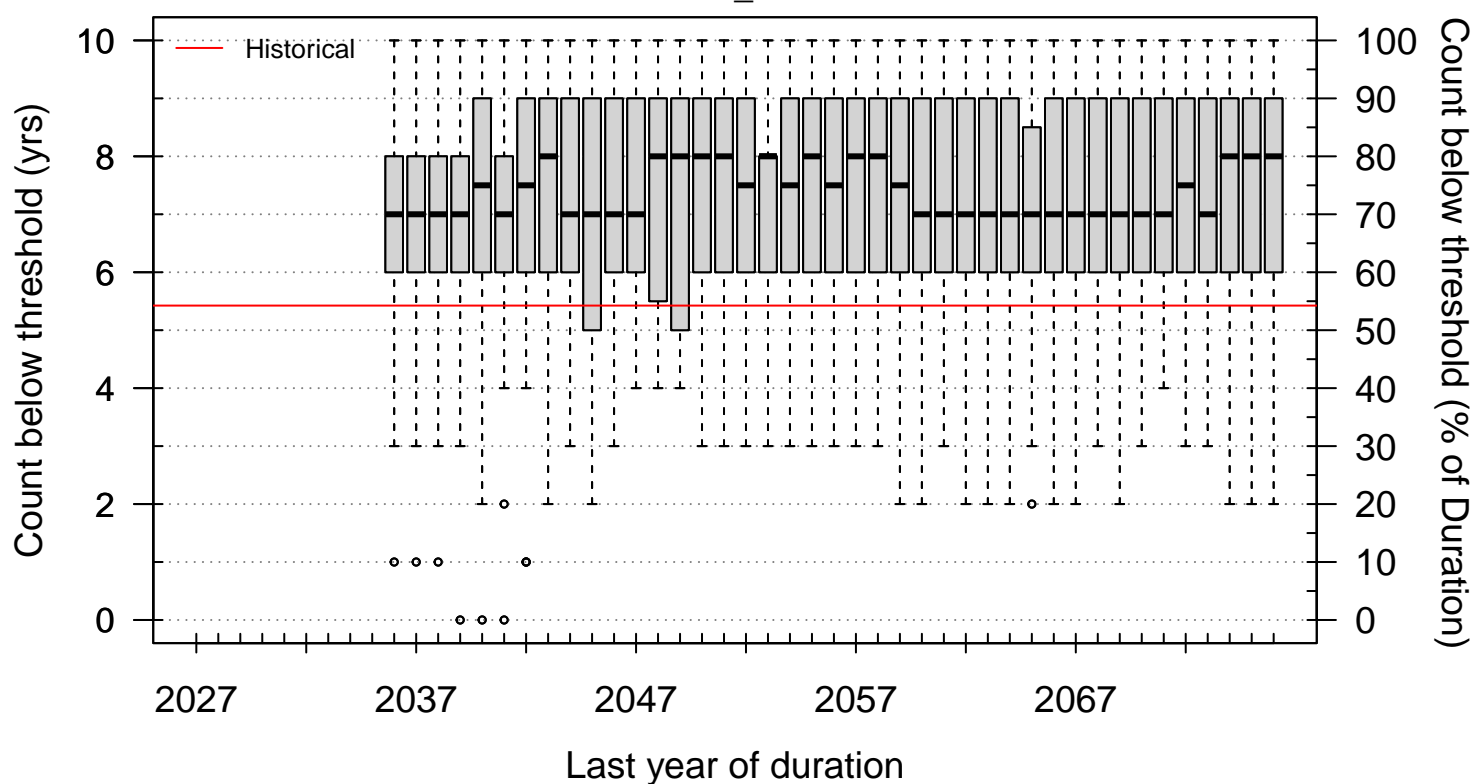
Reservoir Storage–Yield Analysis CMIP5_LOCA



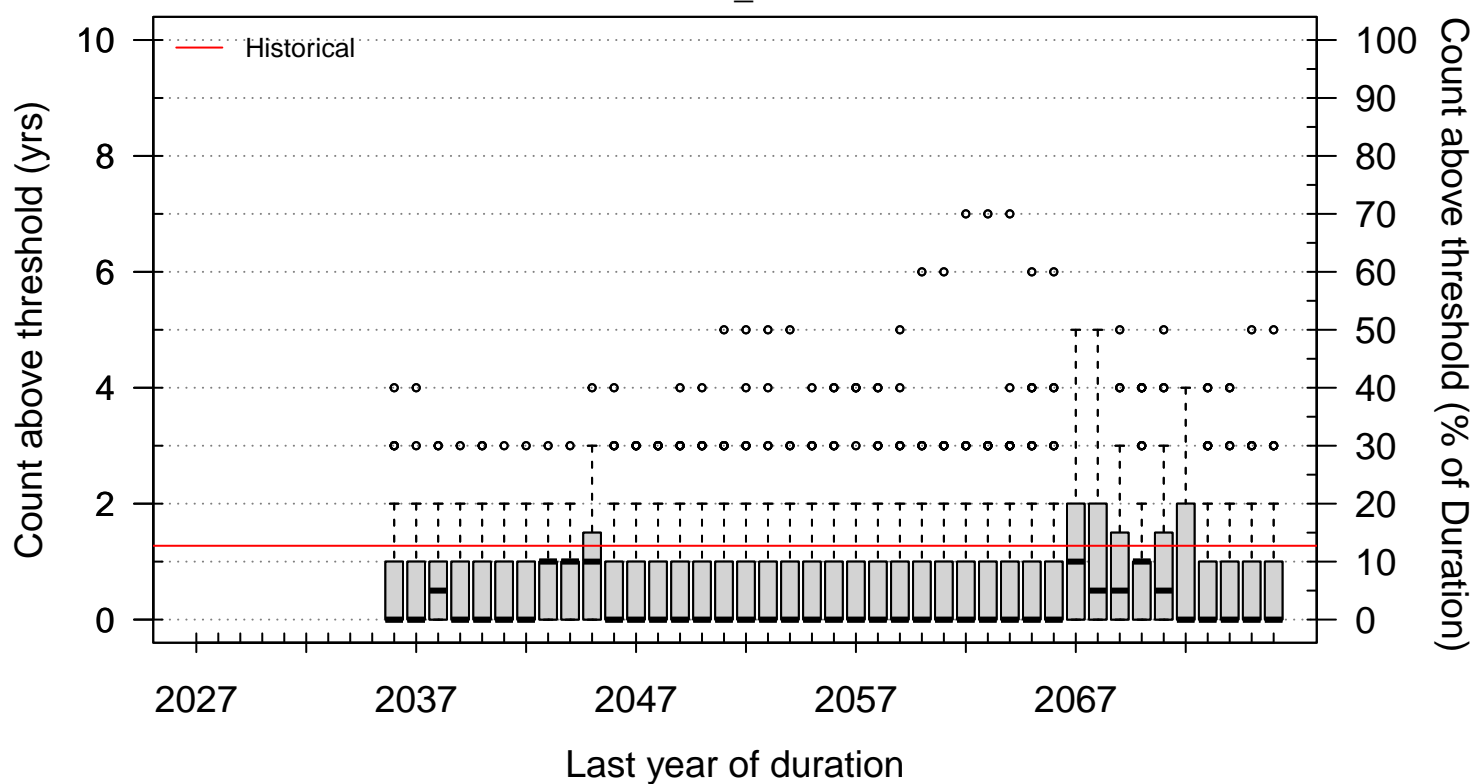
Reservoir Storage Reliability CMIP5_LOCA



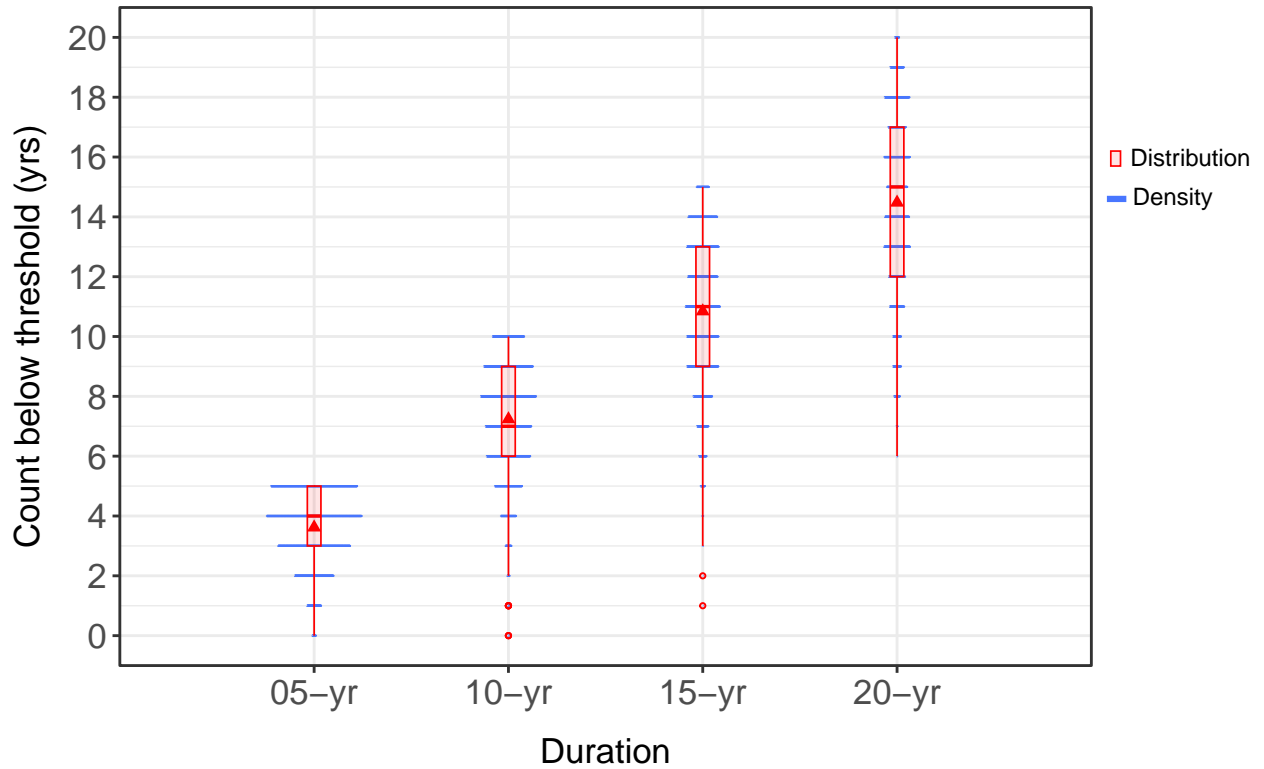
Moving count below threshold (Duration: 10 yrs; Threshold: 14.74 maf/yr)
CMIP5_LOCA



Moving count above threshold (Duration: 10 yrs; Threshold: 20 maf/yr)
CMIP5_LOCA



Duration-count analysis (Threshold: 14.74 maf/yr) CMIP5_LOCA



Duration-Severity Analysis, Ensemble: CMIP5_LOCA

