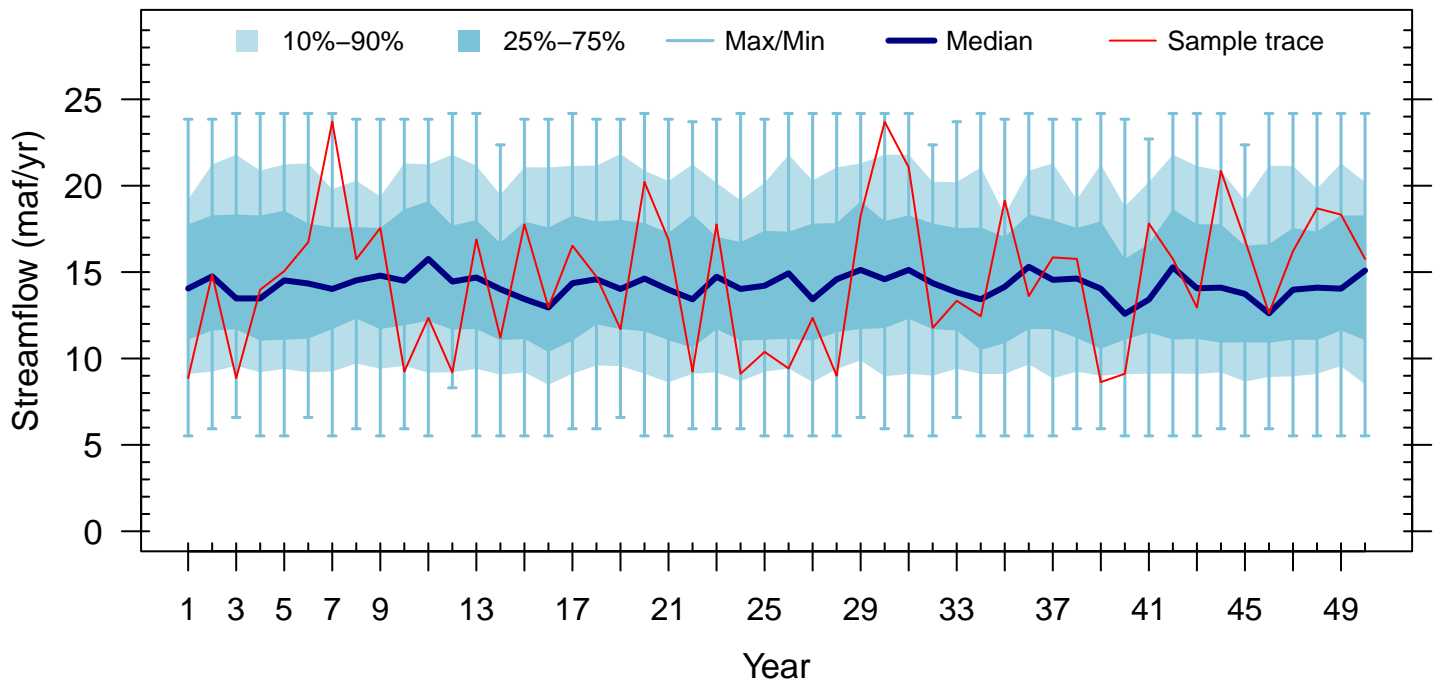


Attributes of Streamflow Ensembles in Colorado River Basin

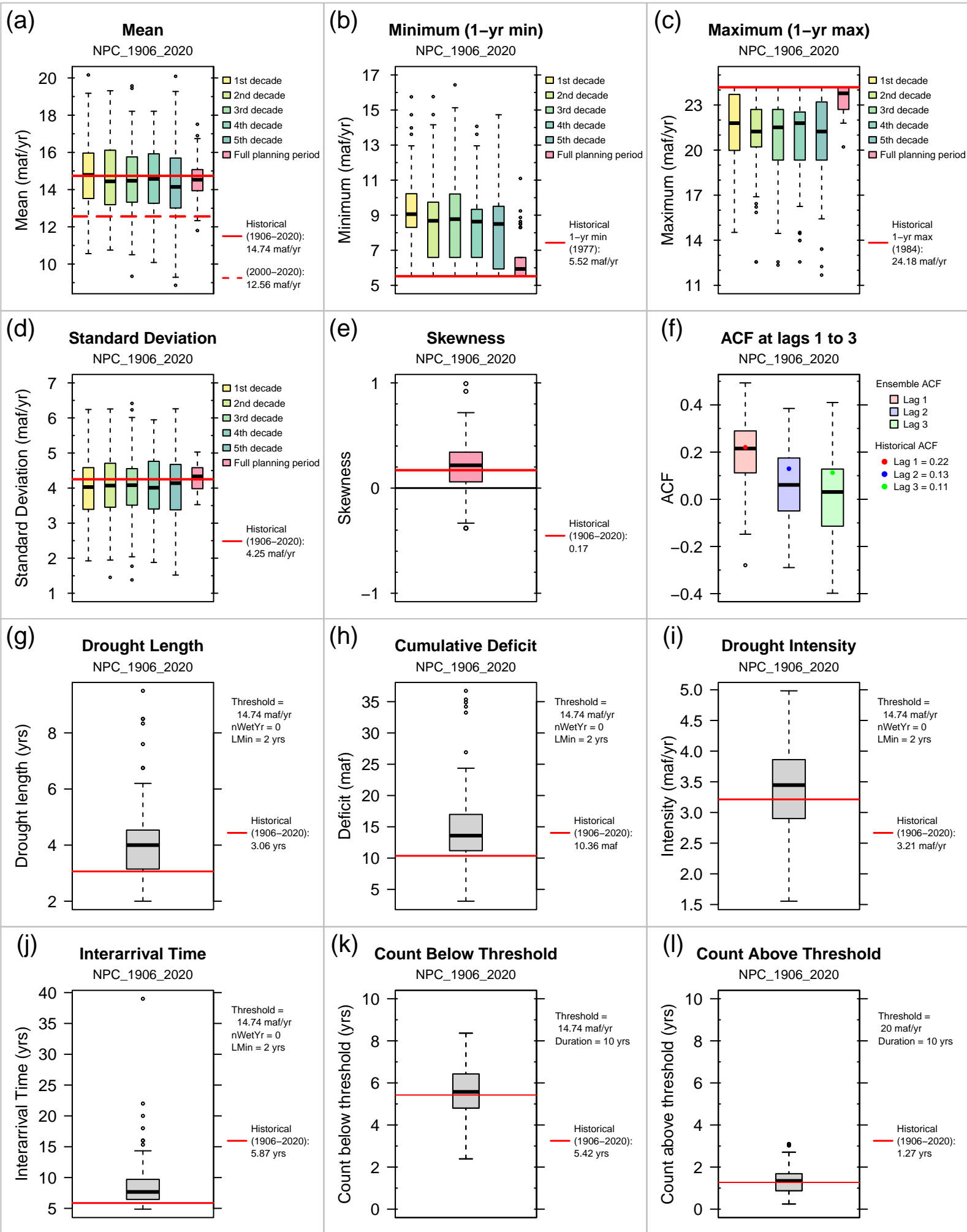
Ensemble: NPC_1906_2020
Number of Realizations: 100
Planning Period: Next 50 Years

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

Ensemble: NPC_1906_2020, Number of Realizations: 100

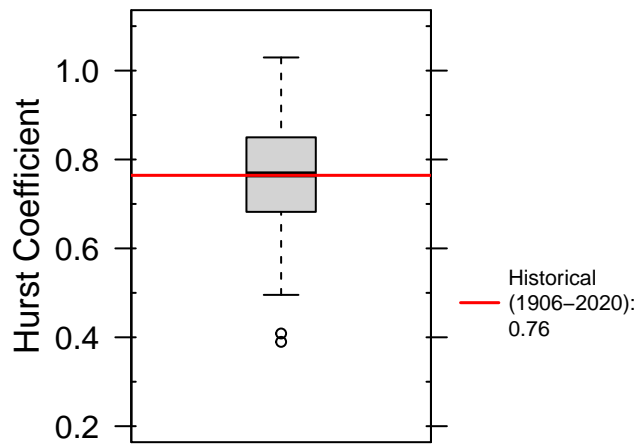


Mann–Kendall Trend Test: $\tau = -0.06$, $P\text{-Value} = 0.5523$
Trend = -0.0047 maf/yr, Not Statistically Significant

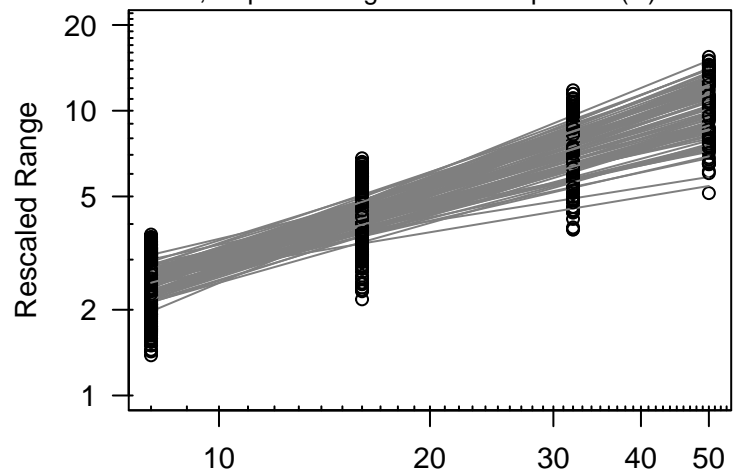


Hurst coefficient

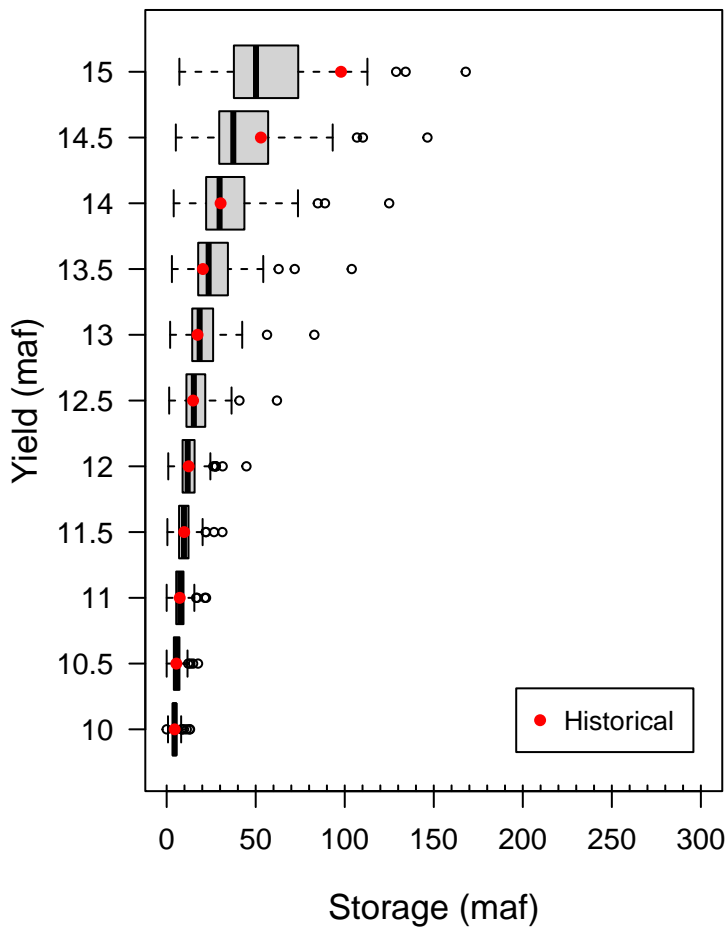
NPC_1906_2020



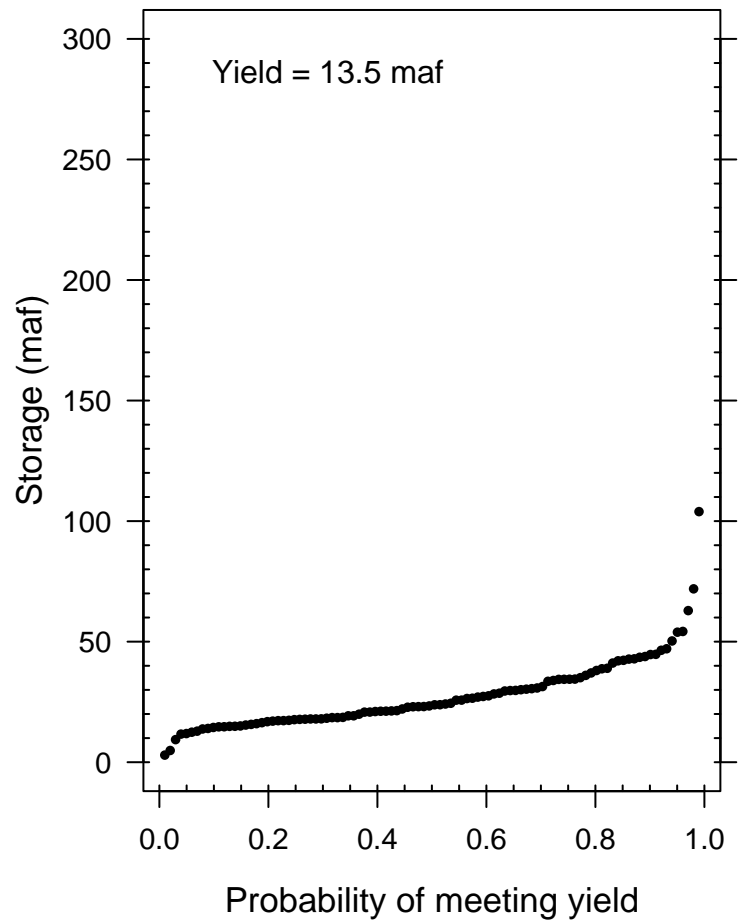
Points for all traces and durations, line for each trace, slope of line gives Hurst exponent (H)



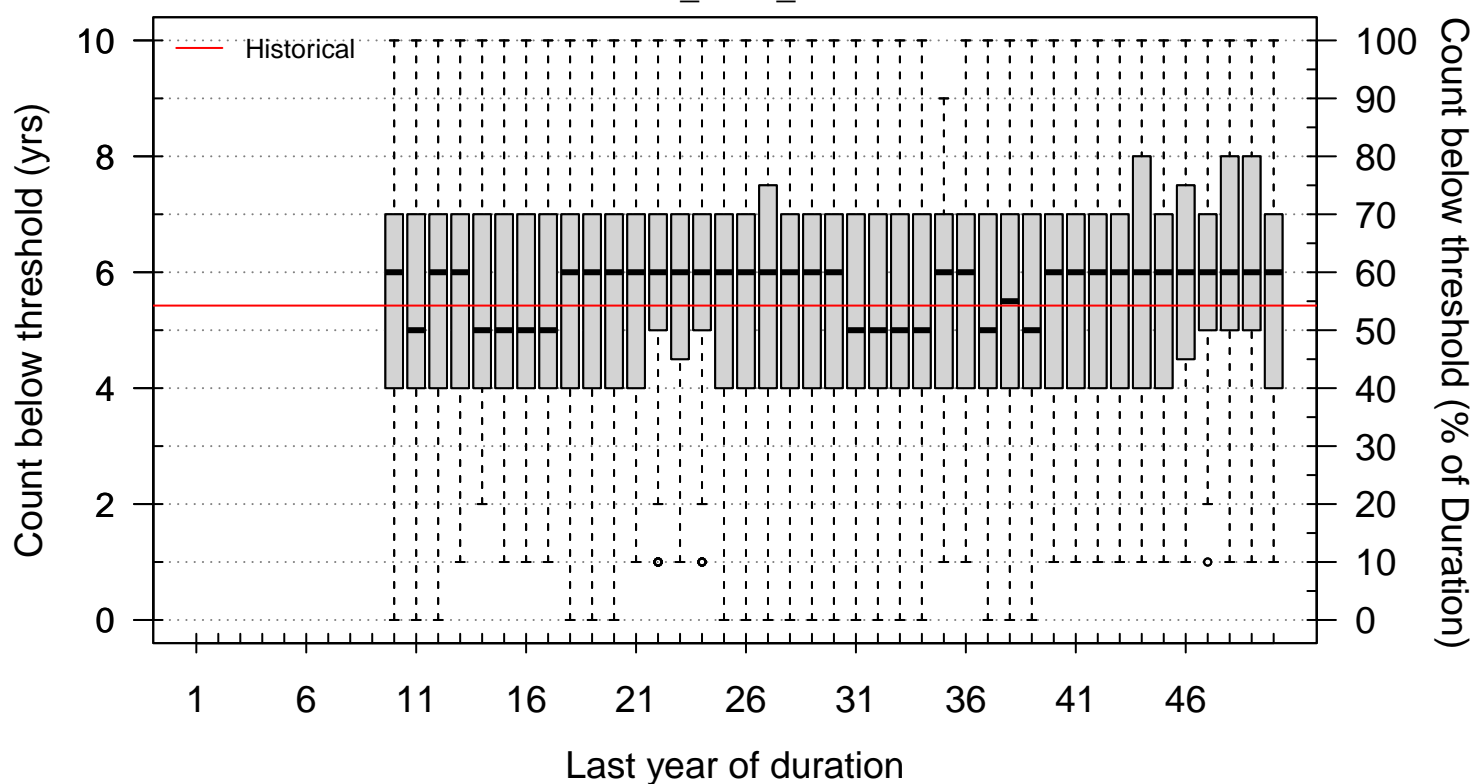
Reservoir Storage-Yield Analysis NPC_1906_2020



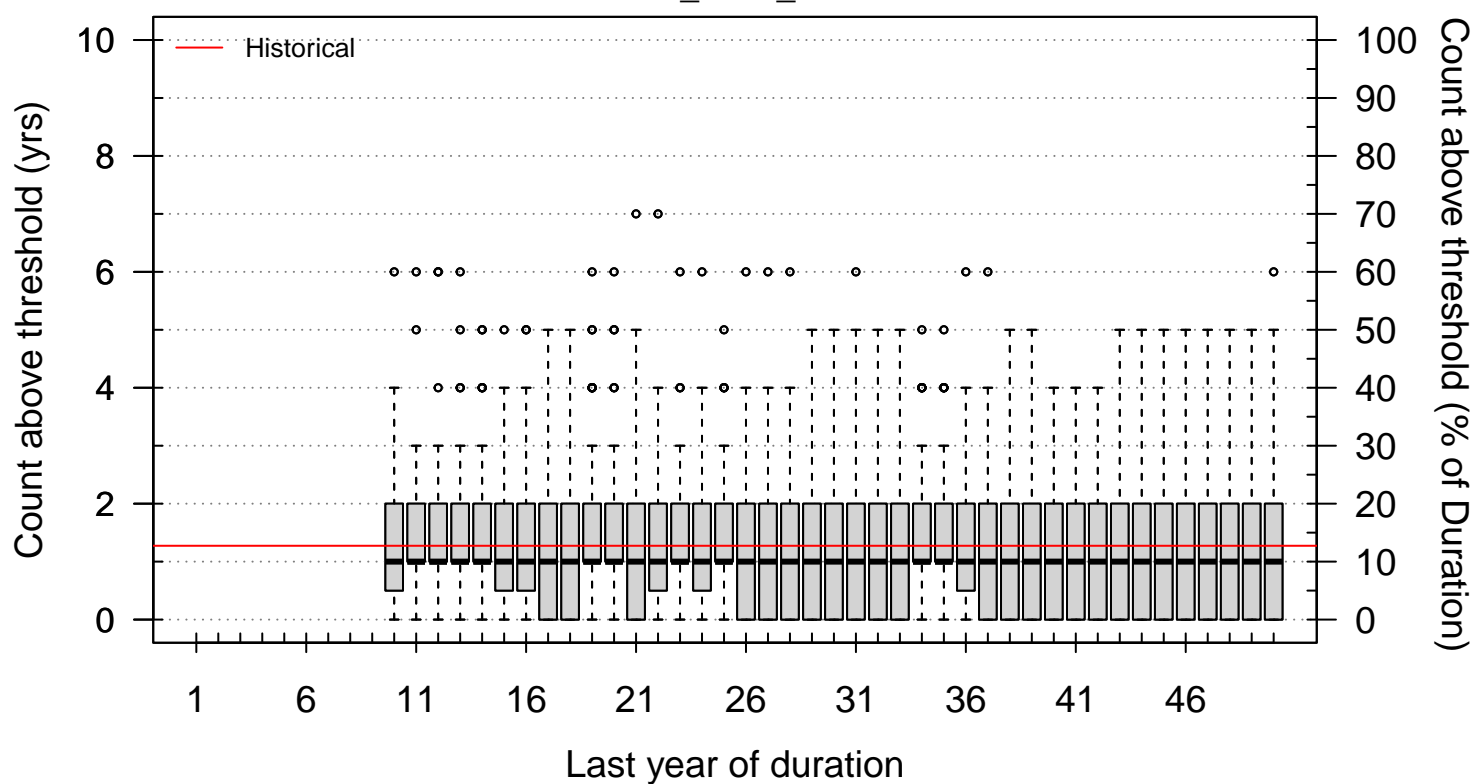
Reservoir Storage Reliability NPC_1906_2020



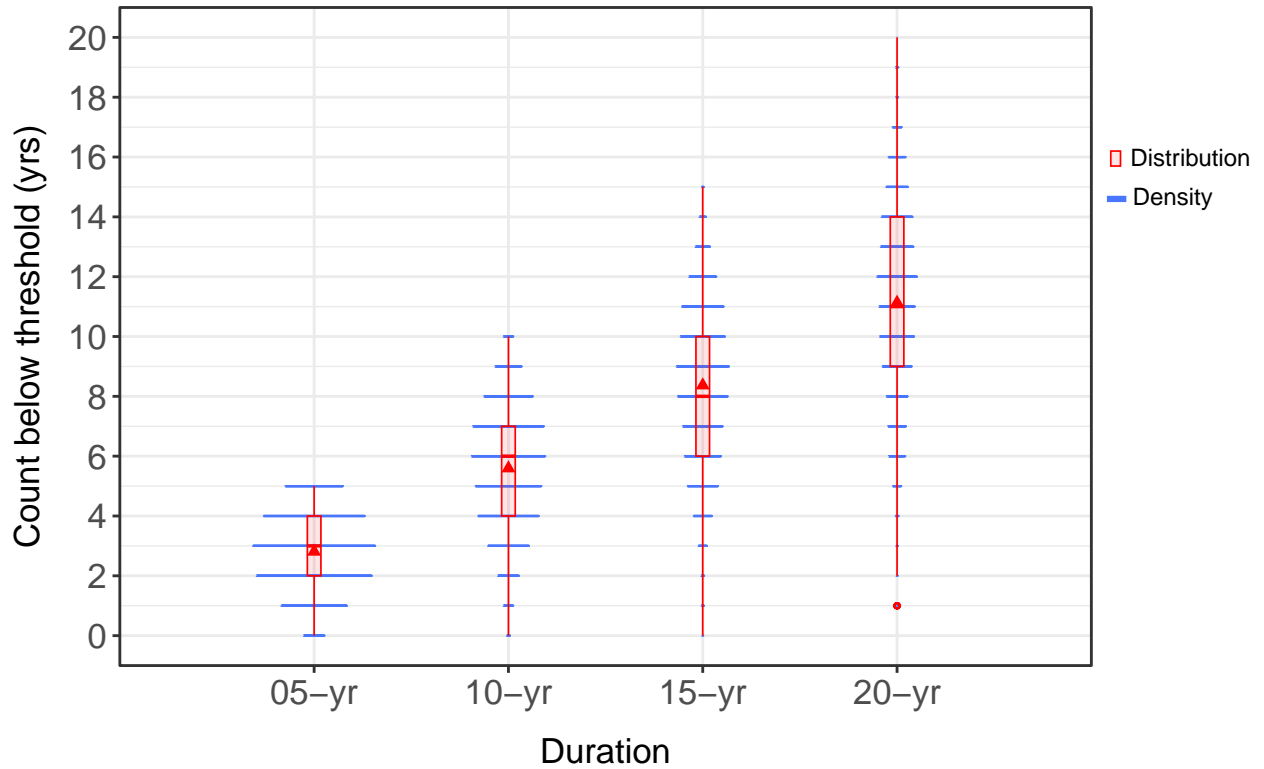
Moving count below threshold (Duration: 10 yrs; Threshold: 14.74 maf/yr)
NPC_1906_2020



Moving count above threshold (Duration: 10 yrs; Threshold: 20 maf/yr)
NPC_1906_2020



Duration-count analysis (Threshold: 14.74 maf/yr) NPC_1906_2020



Duration-Severity Analysis, Ensemble: NPC_1906_2020

