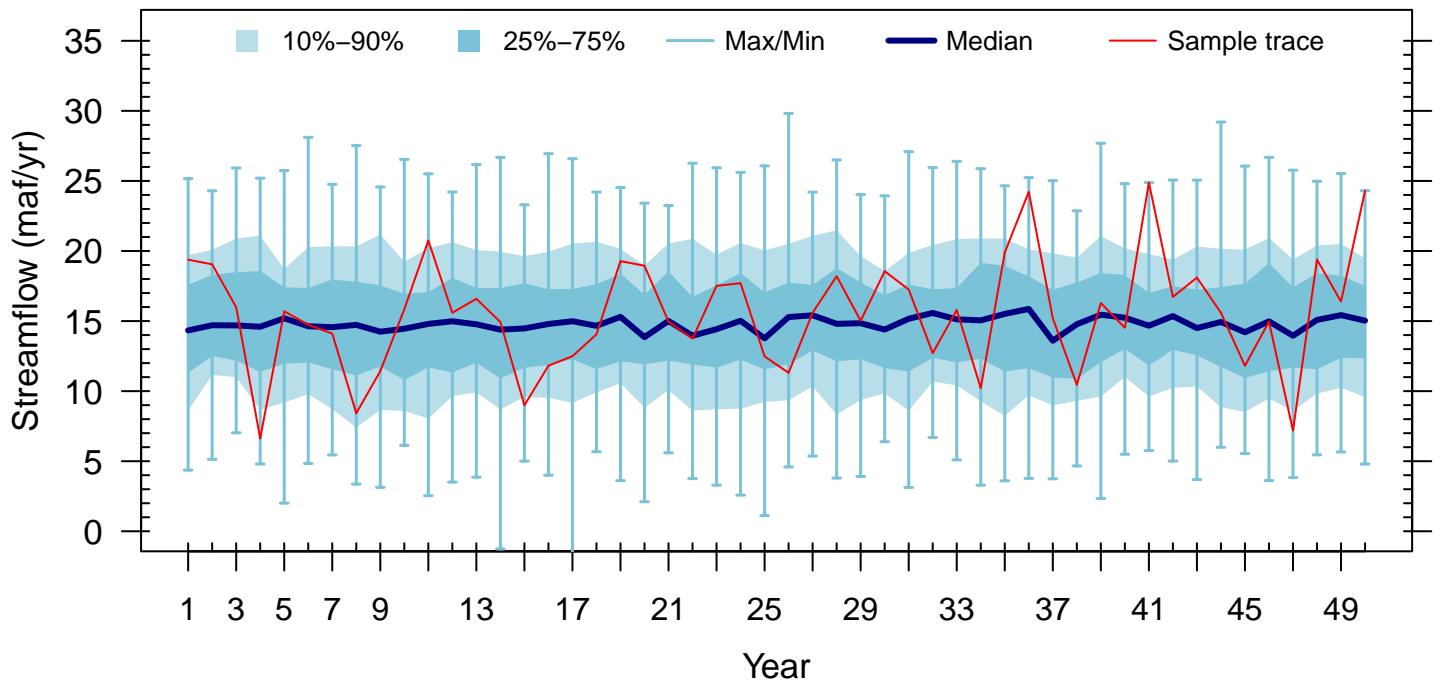


Attributes of Streamflow Ensembles in Colorado River Basin

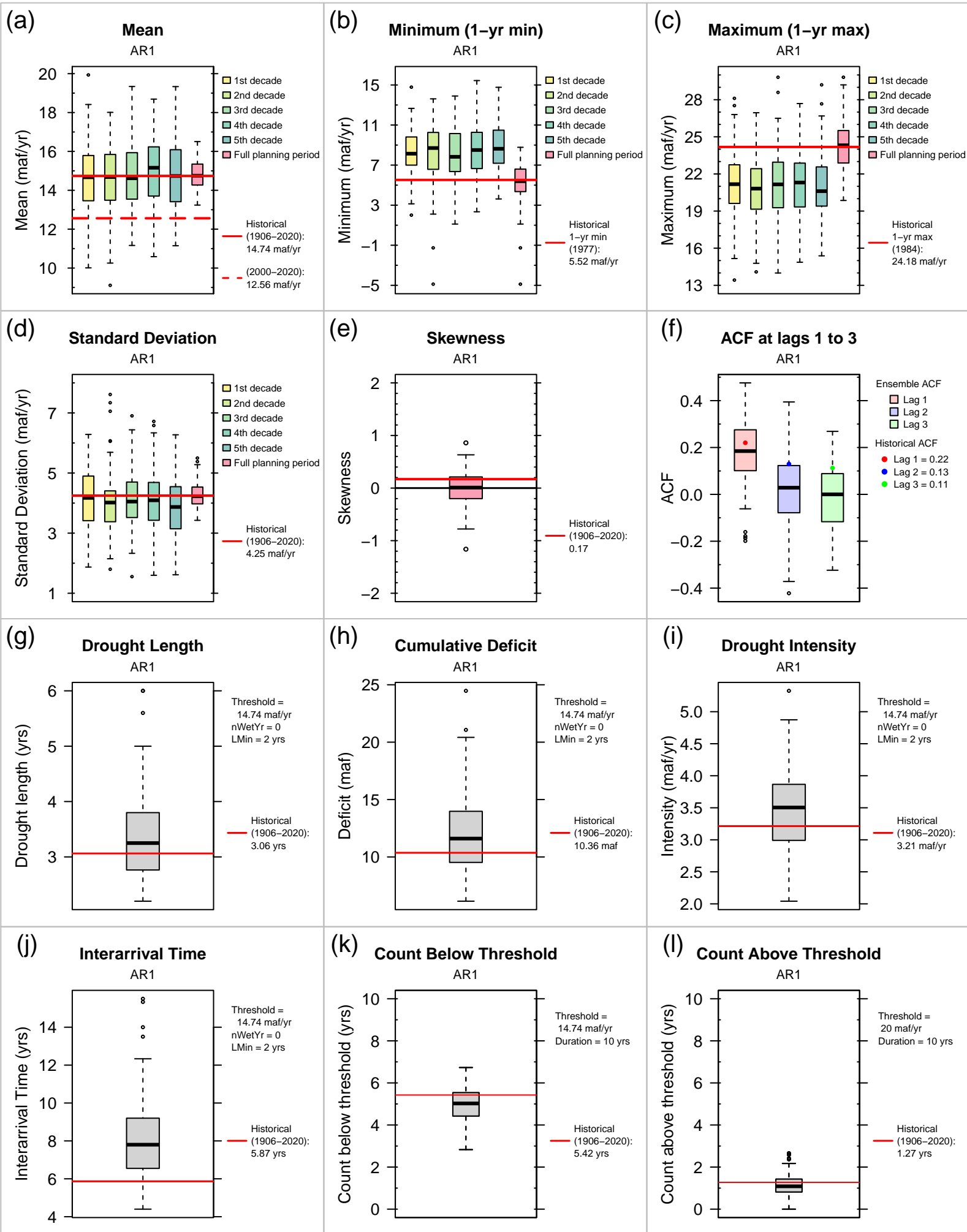
Ensemble: AR1
Number of Realizations: 100
Planning Period: Next 50 Years

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

Ensemble: AR1, Number of Realizations: 100

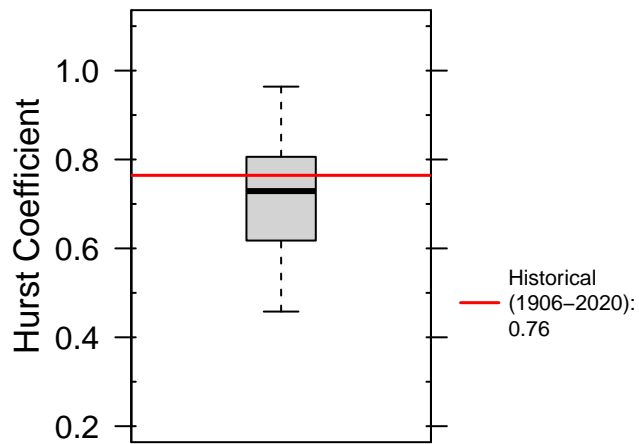


Mann-Kendall Trend Test: $\tau = 0.22$, $P\text{-Value} = 0.0272$
Trend = 0.0078 maf/yr, Statistically Significant

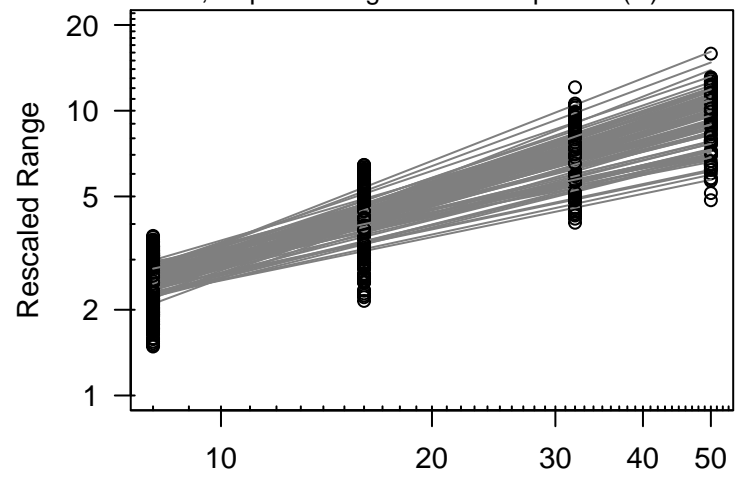


Hurst coefficient

AR1

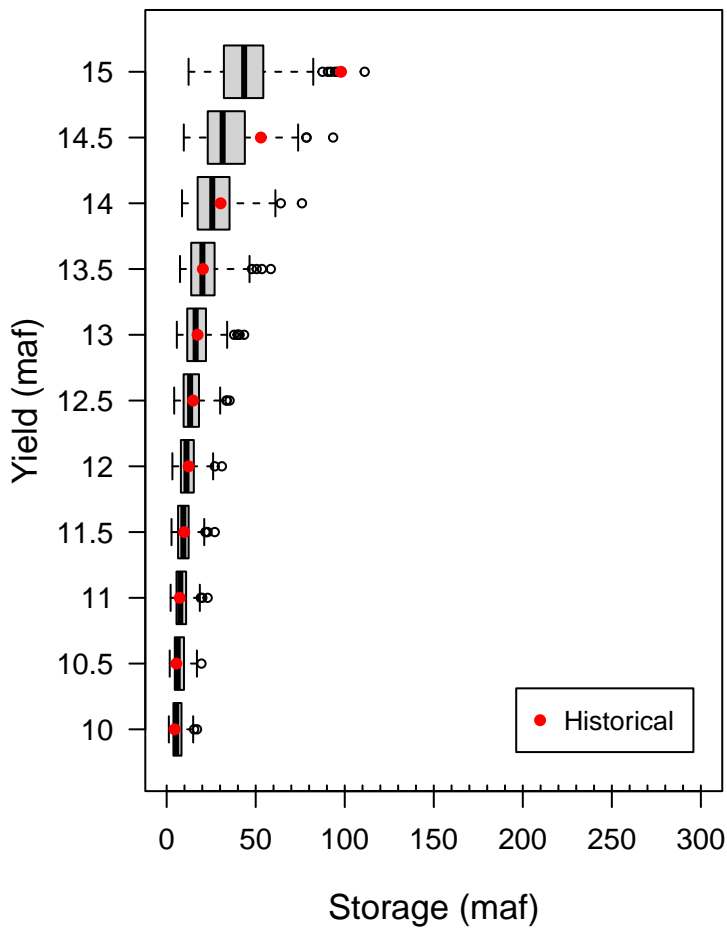


Points for all traces and durations, line for each trace, slope of line gives Hurst exponent (H)



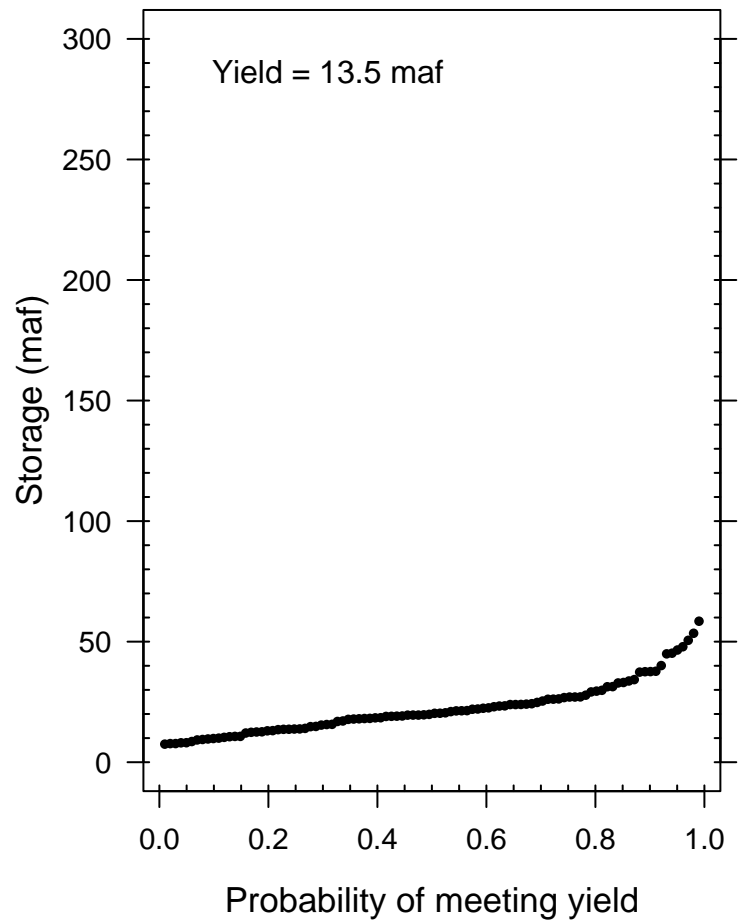
Reservoir Storage–Yield Analysis

AR1

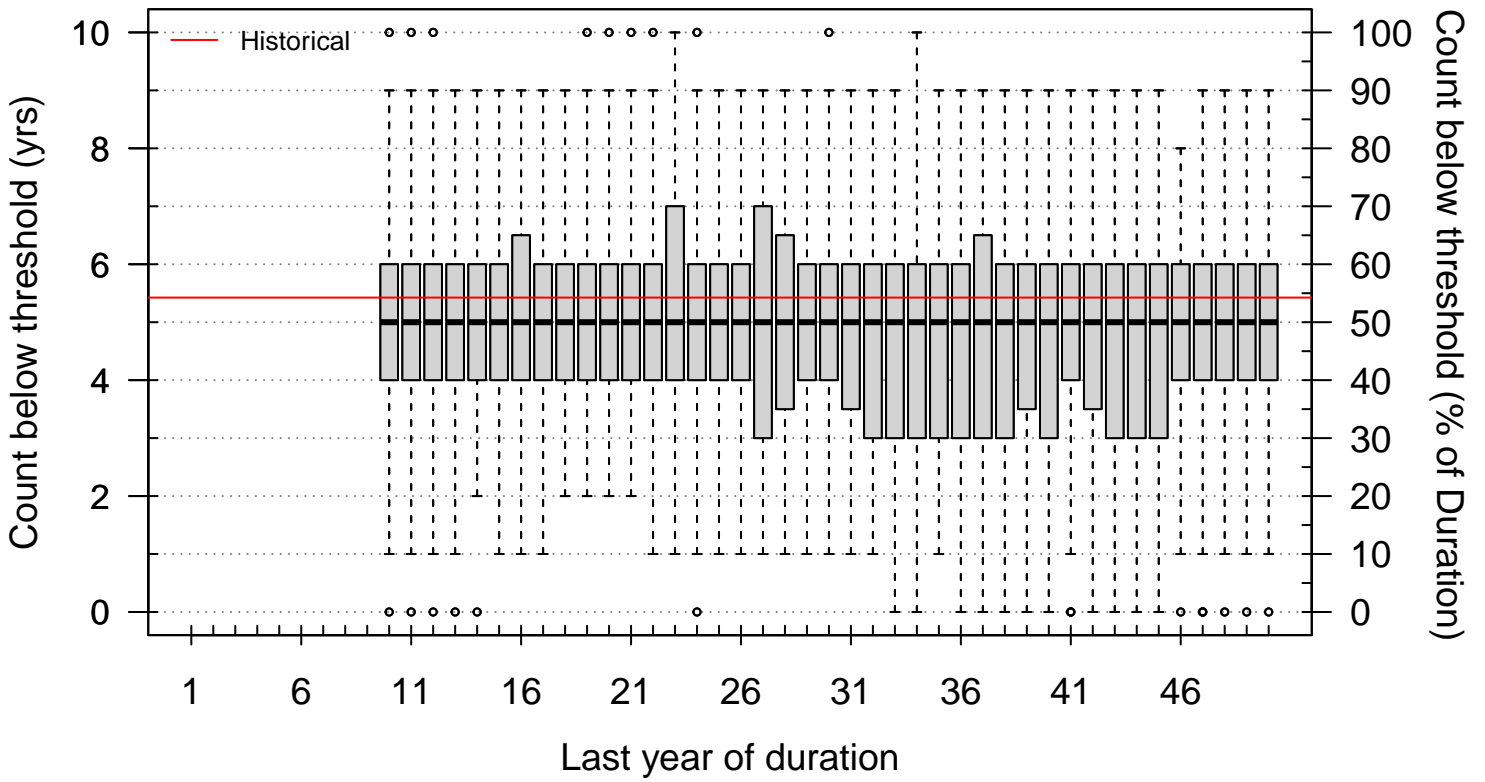


Reservoir Storage Reliability

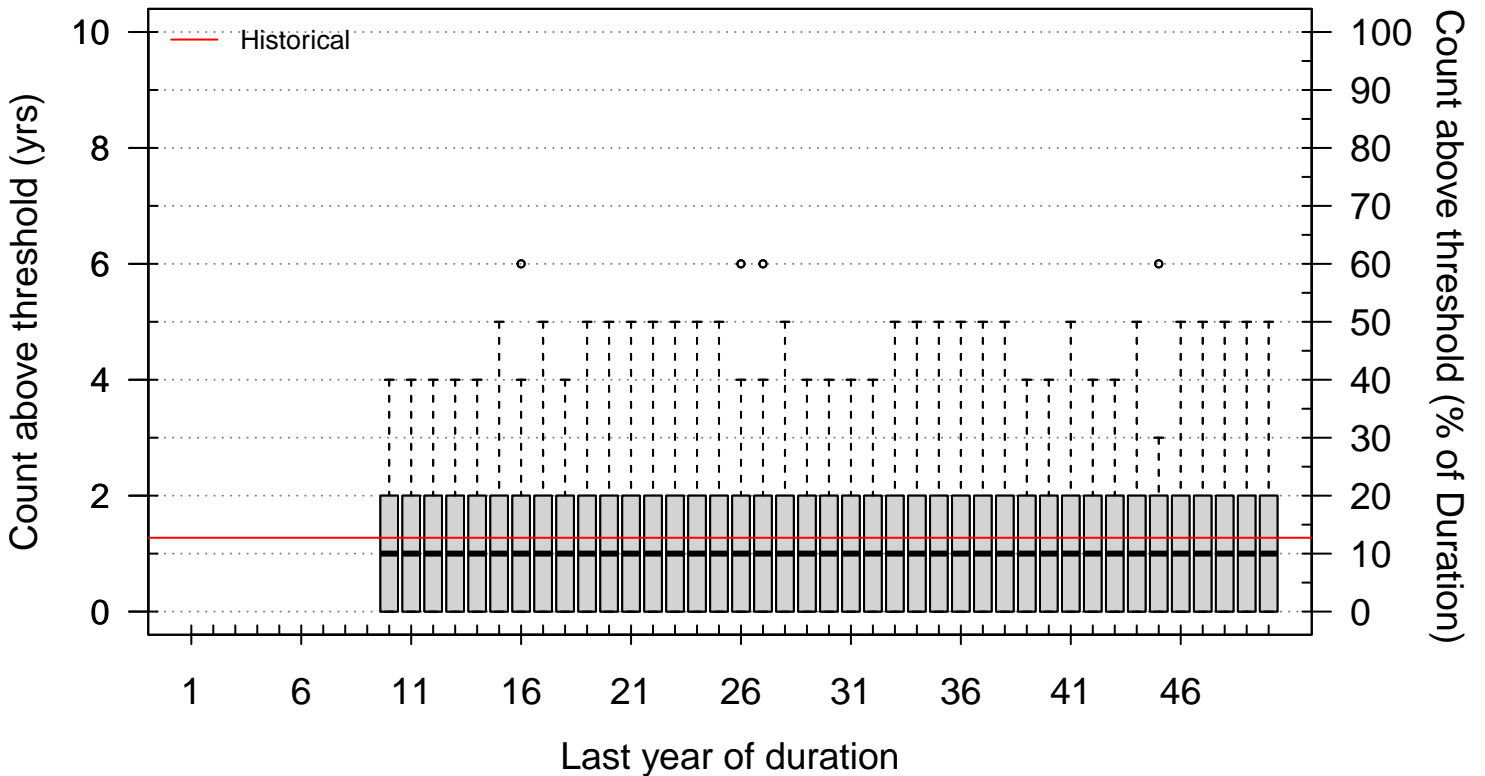
AR1



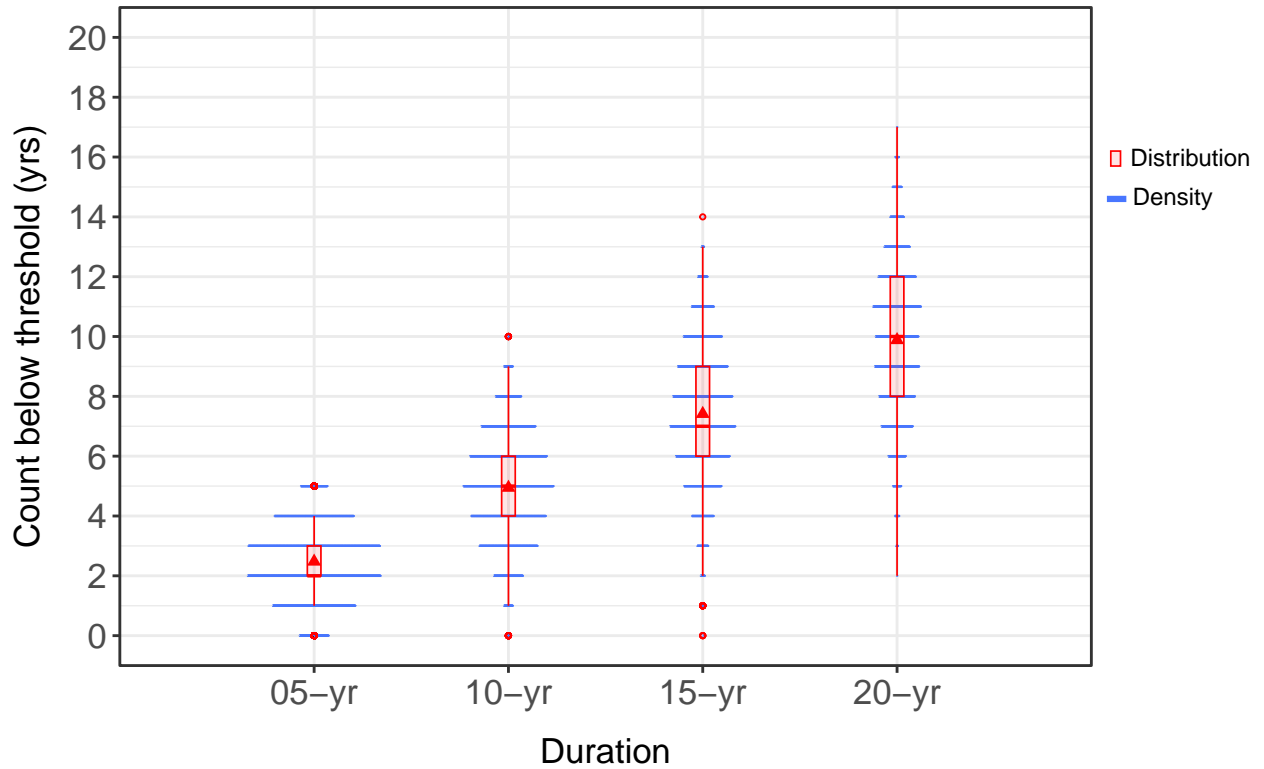
Moving count below threshold (Duration: 10 yrs; Threshold: 14.74 maf/yr)
AR1



Moving count above threshold (Duration: 10 yrs; Threshold: 20 maf/yr)
AR1



Duration-count analysis (Threshold: 14.74 maf/yr) AR1



Duration-Severity Analysis, Ensemble: AR1

