



(1) Analogue model

30 resampled MAP values
basin-scale, daily

30 resampled MAT values
basin-scale, daily

(2) Gamma distribution

30 unobserved MAP values
basin-scale, daily

(3) Schaake shuffle



MAP obs
basin-scale, daily

30 MAP time series
scenarios
basin-scale, daily

30 MAT time series
scenarios
basin-scale, daily

MAT ERA-20C
basin-scale, daily

MAT obs
basin-scale, daily

MAP bias correction

30 bias-corrected MAP scenarios
basin-scale, daily

MAT bias correction

bias-corrected MAT ERA-20C
basin-scale, daily

(4) Spatial disaggregation

30 spatially coherent
P scenarios
stations, daily

30 spatially coherent
P scenarios
stations, daily

(5) MAT correction

30 corrected T scenarios
stations, daily

30 corrected T scenarios
stations, daily