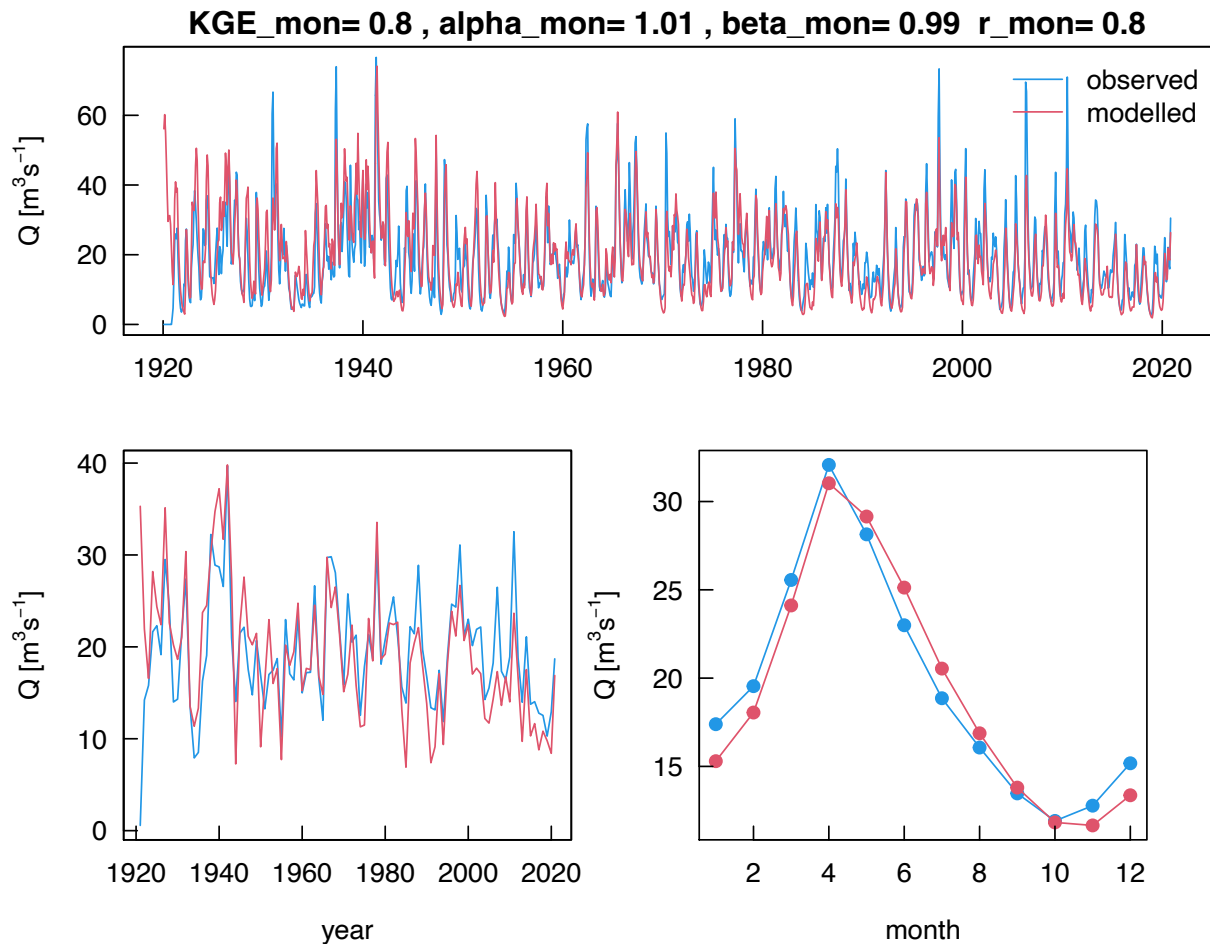
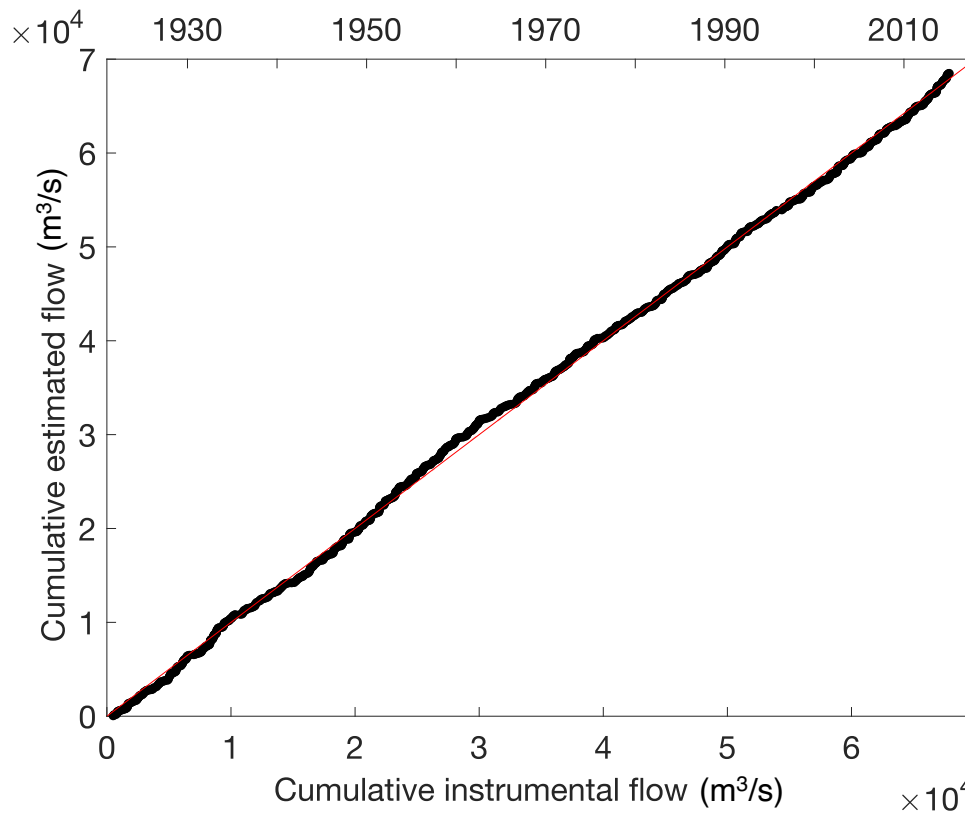


Increasing volatility of reconstructed Morava River warm-season flow, Czech Republic

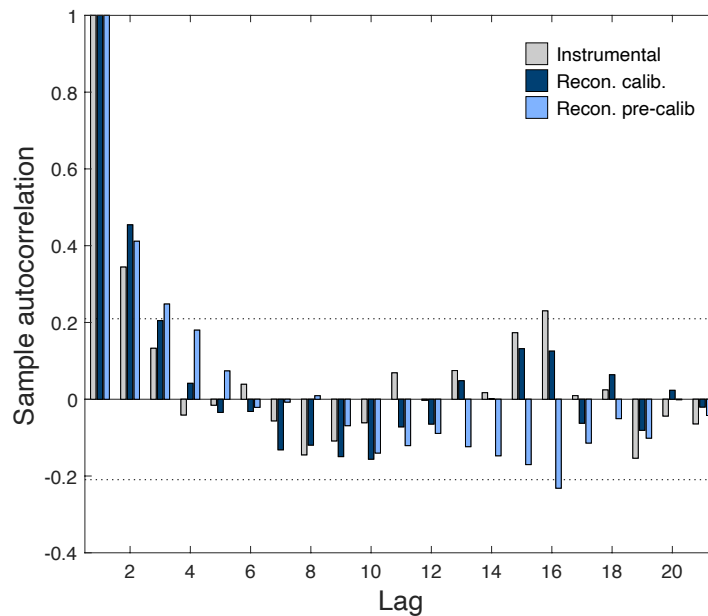
Supplementary Figures



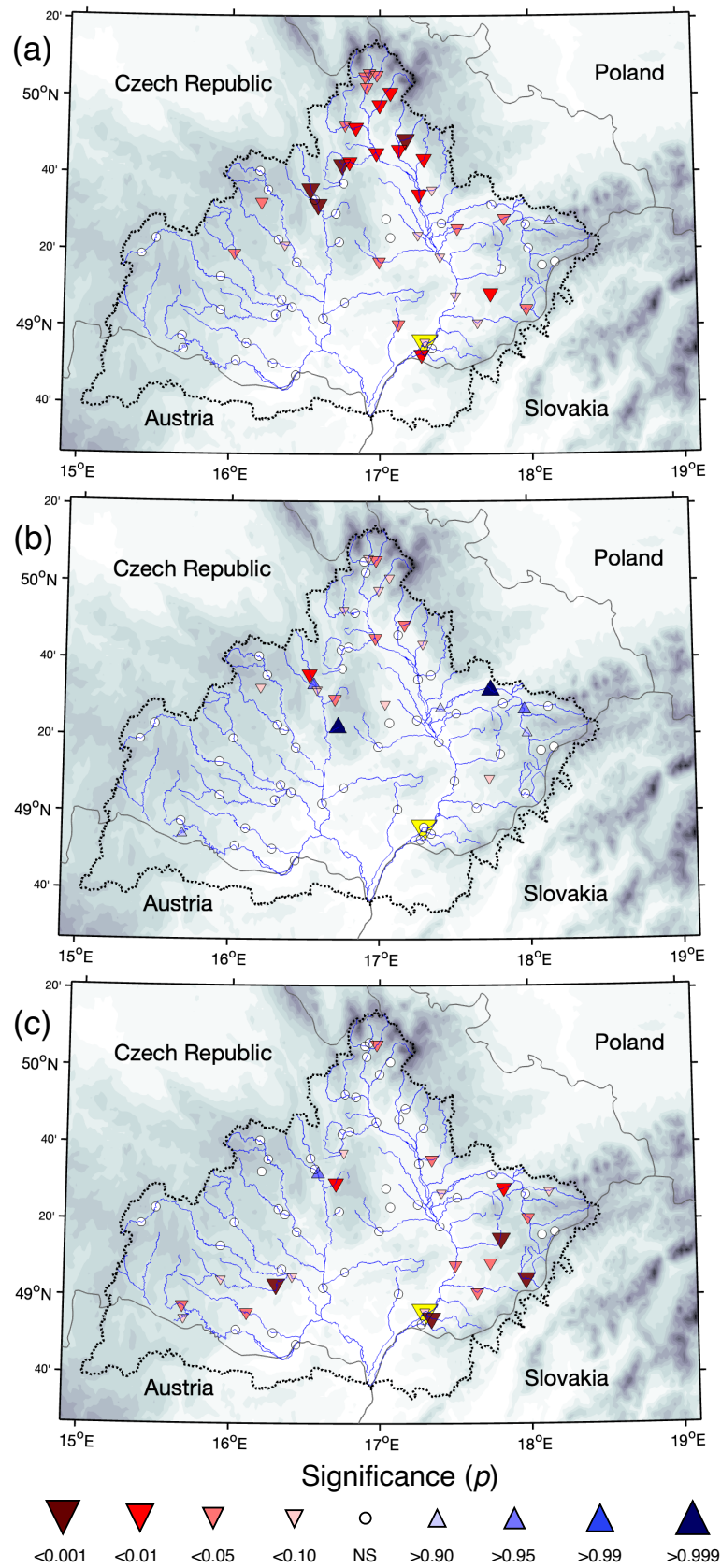
Supplementary Figure 1. mHM model output performance: (top) monthly resolved baseflow; (bottom left) annually resolved JAS baseflow; (bottom right) baseflow climatology of instrumental and modelled flow at Strážnice.



Supplementary Figure 2. Double-mass plot of cumulative instrumental and estimated flow at Strážnice based on the relationship between instrumental flow and drainage area precipitation.



Supplementary Figure 3. Autocorrelation structure of instrumental (1921-2018) and reconstructed (1921-2018 / 1746-1920) JAS baseflow at Strážnice. Dotted lines represent $p < 0.05$.



Supplementary Figure 4. Significance of trend (Mann-Kendall test) for 70 gauges in the Morava River catchment (dotted black line), calculated for the period 1961-2018: JAS (a) streamflow; (b) stormflow; (c) BFI. Strážnice is indicated by a yellow outline.