

2.3 Component 3 : A smooth function. This function applies until 1644 and from 1719 onwards

This component is a smooth function with a typical lengthscale of 21.9 years. This component applies until 1644 and from 1719 onwards.

This component explains 57.5% of the residual variance; this increases the total variance explained from 35.3% to 72.5%. The addition of this component reduces the cross validated MAE by 20.66% from 0.23 to 0.18.

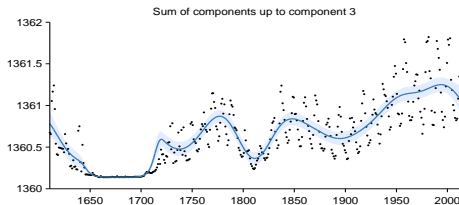
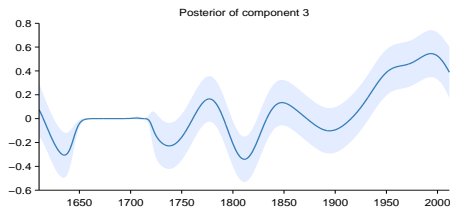


Figure 4: Posterior of component 3 (left) and the posterior of the cumulative sum of components with data (right)