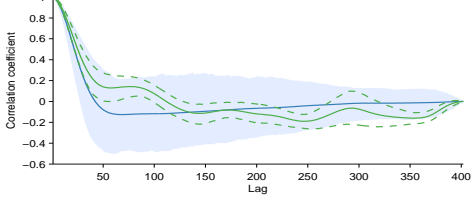
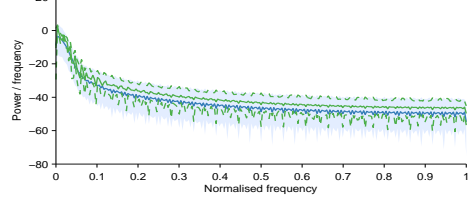


ACF uncertainty plot for component 3



Periodogram uncertainty plot for component 3



QQ uncertainty plot for component 3

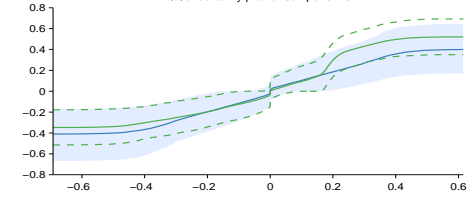
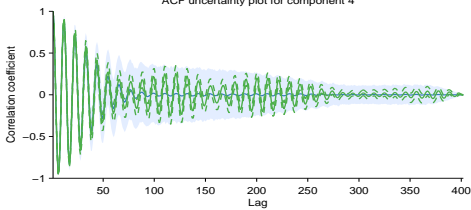


Figure 29: ACF (top left), periodogram (top right) and quantile-quantile (bottom left) uncertainty plots. The blue line and shading are the pointwise mean and 90% confidence interval of the plots under the prior distribution for component 3. The green line and green dashed lines are the corresponding quantities under the posterior.

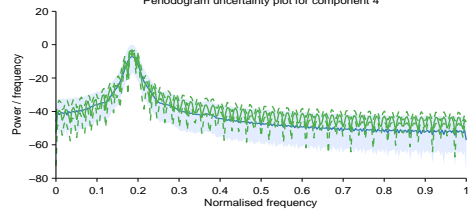
4.2.4 Component 4 : An approximately periodic function with a period of 10.8 years. This function applies until 1643 and from 1716 onwards

No discrepancies between the prior and posterior of this component have been detected

ACF uncertainty plot for component 4



Periodogram uncertainty plot for component 4



QQ uncertainty plot for component 4

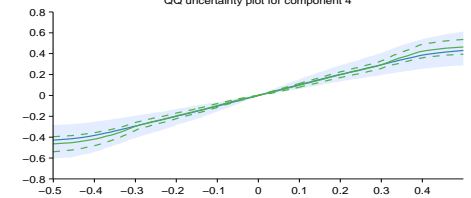


Figure 30: ACF (top left), periodogram (top right) and quantile-quantile (bottom left) uncertainty plots. The blue line and shading are the pointwise mean and 90% confidence interval of the plots under the prior distribution for component 4. The green line and green dashed lines are the corresponding quantities under the posterior.

4.2.5 Component 5 : A rapidly varying smooth function. This function applies until 1643 and from 1716 onwards

No discrepancies between the prior and posterior of this component have been detected