

### 3.3 Component 3 : An exactly periodic function with a period of 4.3 years but with linearly increasing amplitude

This component is assumed to continue exactly periodically with a period of 4.3 years but with varying amplitude. The amplitude of the function is assumed to continue to increase linearly.

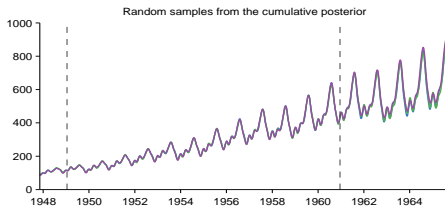
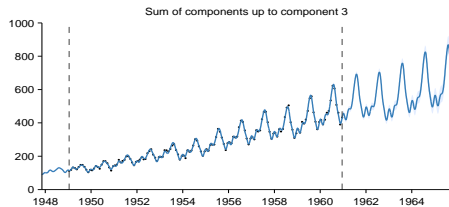
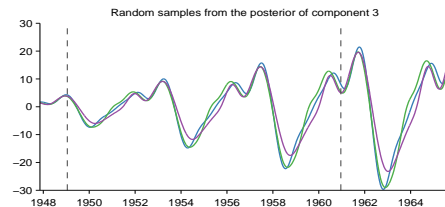
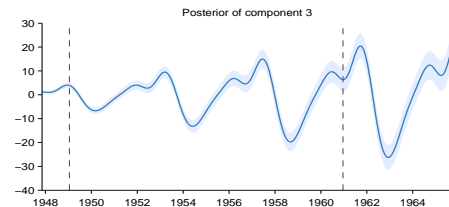


Figure 12: Posterior of component 3 (top) and cumulative sum of components (bottom) with extrapolation. Mean and pointwise variance (left) and three random samples from the posterior distribution (right).