2 Detailed discussion of additive components

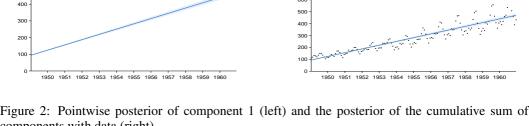### 2.1 Component 1 : A linearly increasing function
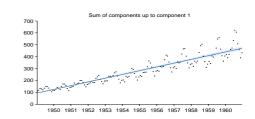
This component is linearly increasing.

This component explains 85.4% of the total variance. The addition of this component reduces the cross validated MAE by 87.9% from 280.3 to 34.0.

Figure 2: Pointwise posterior of component 1 (left) and the posterior of the cumulative sum of components with data (right)
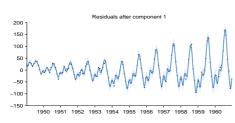

Figure 3: Pointwise posterior of residuals after adding component 1