

# Pairwise comparison report

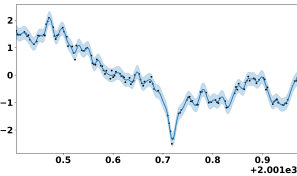
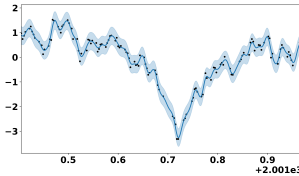
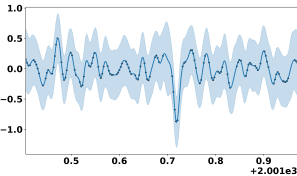
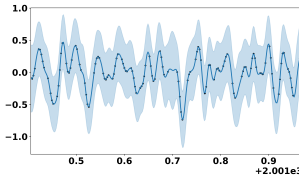
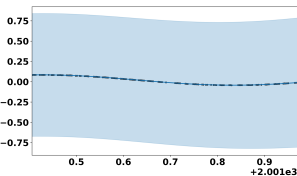
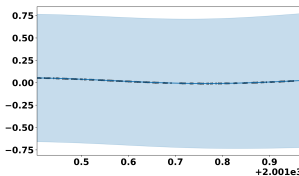
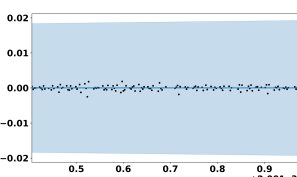
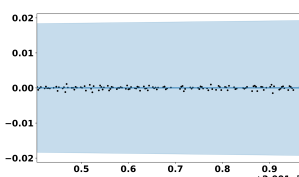
## Abstract

This report gives a comparison between GE and C.

### 1 Share components

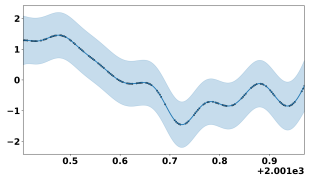
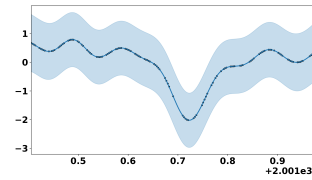
This section contains components which are shared between GE and C. There are 4 common components in total. They are will be fully described in Table 1.

Table 1: Share components

Description	GE	C
Plot of posterior mean and variance		
•This component is a smooth function with a typical lengthscale of 2.4 days. The marginal standard deviation of the function increases linearly		
•This component is periodic with a period of 0.8 years but with varying amplitude. The amplitude of the function increases linearly. The shape of this function within each period has a typical lengthscale of 4.4 months		
•This component models uncorrelated noise. The standard deviation of the noise increases linearly		

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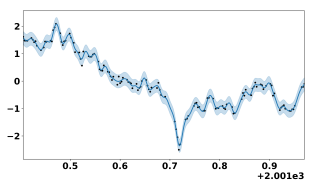
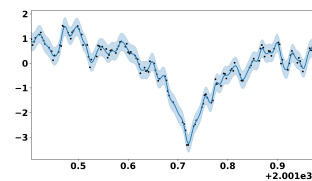
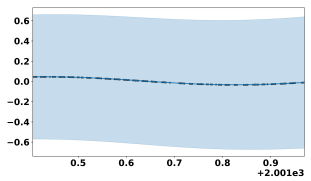
Table 1 – *Continued from previous page*

Description	GE	C
<ul style="list-style-type: none"> <li>This component is periodic with a period of 7.6 months. The shape of this function within each period has a typical lengthscale of 7.4 days</li> </ul>		

## 2 Individual components

This section contains components which are differed between GE and C. There are 2 components in total. They are will be fully described in Table 2.

Table 2: Individual components

Description	GE	C
Plot of posterior mean and variance		
<ul style="list-style-type: none"> <li>This component is periodic with a period of 0.8 years but with varying amplitude. The amplitude of the function increases linearly. The shape of this function within each period has a typical lengthscale of 3.2 months</li> </ul>		
<ul style="list-style-type: none"> <li>This component is periodic with a period of 1.0 years. The shape of this function within each period has a typical lengthscale of 2.2 weeks</li> </ul>		