

# Pairwise comparison report

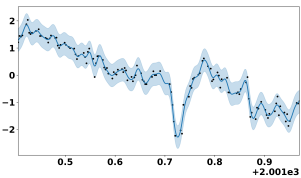
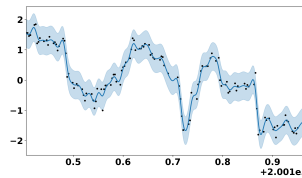
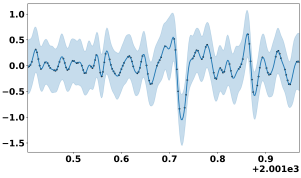
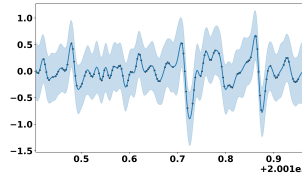
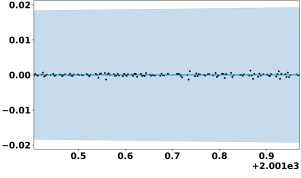
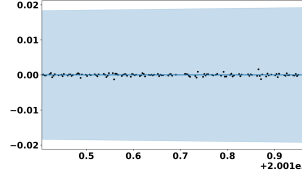
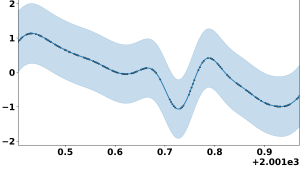
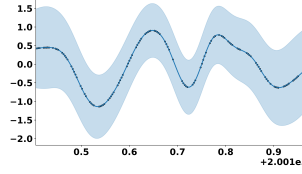
## Abstract

This report gives a comparison between XOM and BP.

## 1 Share components

This section contains components which are shared between XOM and BP. There are 3 common components in total. They are will be fully described in Table 1.

Table 1: Share components

Description	XOM	BP
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 models uncorrelated noise. The standard deviation of the noise increases linearly		
•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		

## 2 Individual components

This section contains components which are differed between XOM and BP. There are 3 components in total. They are will be fully described in Table 2.

Table 2: Individual components

Description	XOM	BP
Plot of posterior mean and variance		
<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>		
<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 4.4 months</li> </ul>		
<ul style="list-style-type: none"> <li>•This component is a quadratic polynomial</li> </ul>		