Pairwise comparison report

Abstract

This report gives a comparison between South African Rand and Malaysian Ringgit.

1 Share components

This section contains components which are shared between South African Rand and Malaysian Ringgit. There are 4 common components in total. They are will be fully described in Table 1.

Table 1: Share components

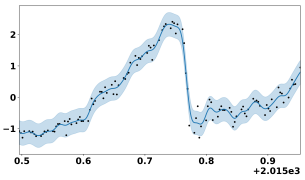
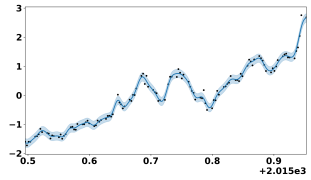
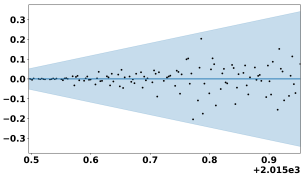
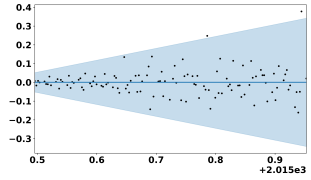
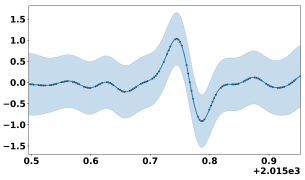
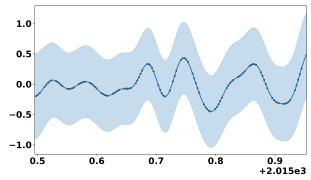
Description	South African Rand	Malaysian Ringgit
Plot of posterior mean and variance		
•This component models uncorrelated noise.The standard deviation of the noise increases linearly		
•This component is a product of several periodic functions.The first periodic function has a period of 0.9 years.The shape of this function within each period has a typical lengthscale of 3.7 days.The second periodic function has a period of 1.1 years.The shape of this function within each period has a typical lengthscale of 3.4 weeks		

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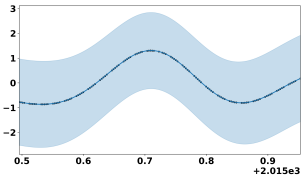
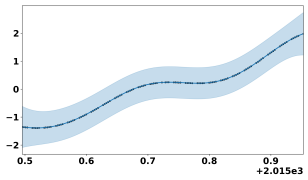
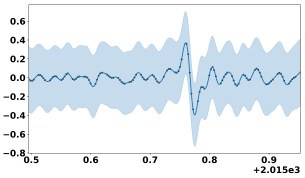
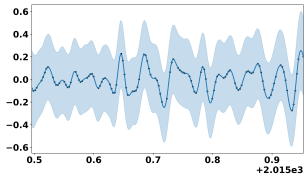
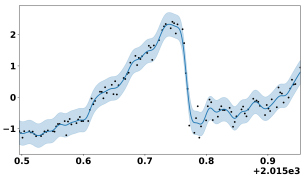
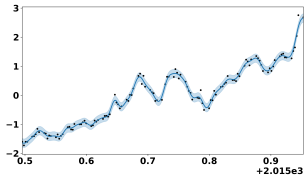
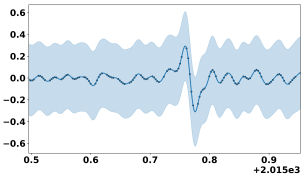
Table 1 – *Continued from previous page*

Description	South African Rand	Malaysian Ringgit
•This component is periodic with a period of 1.5 years.The shape of this function within each period has a typical lengthscale of 2.4 weeks		
•This component is approximately periodic with a period of 7.9 months.Across periods the shape of this function varies very smoothly.The shape of this function within each period has a typical lengthscale of 31.3 hours		

2 Individual components

This section contains components which are differed between South African Rand and Malaysian Ringgit. There are 2 components in total. They are will be fully described in Table 2.

Table 2: Individual components

Description	South African Rand	Malaysian Ringgit
Plot of posterior mean and variance		
•This component is approximately periodic with a period of 7.1 months.Across periods the shape of this function varies very smoothly.The shape of this function within each period has a typical lengthscale of 34.9 hours		
•This component is periodic with a period of 1.6 years.The shape of this function within each period has a typical lengthscale of 3.7 months