

Dear Editor,

Please find enclosed the point-by-point responses to the referees' comments on the manuscript.

Best regards,

Jun Yu Puah and co-authors

Can the authors provide information on bathymetry data used to plot Fig1?

In Section 2.1, we added a new paragraph in lines 122–127 of the revised manuscript describing the bathymetry data and the sources. In the Figure 1 caption, we also added in-text citations that were used to plot the regional map and the bathymetry background colour. We also renamed the heading of Section 2.1 from “Field data collection” to “Data Collection”.

Can the authors explain how they calculated in Table 3? I do not understand how they came up with the numbers in the Total column. Is it not the sum of, for example, PC1 in Low - Frequency, Diurnal and Semi-diurnal?

We have made changes in Table 3 and the paragraph preceding Table 3 for clarity. The main highlight is that the total variance is the sum of the variances of low-frequency (LF), diurnal (D), semidiurnal (SD), and high-frequency (HF) bands. The abbreviations were also included in Table 3. We also emphasised in the paragraph and the table caption that Table 3 only included information on the LF, D, and SD frequency bands, and the total variance, while information on the HF frequency band is excluded from the table.