

## Reviewer 2

*Figure 1 and Figure 9 captions: I think it would be nice if the Figure 1 had a legend with the different shapes (triangle, pentagon, etc.) for the different group numbers and a corresponding explanation in the text. Then the notes in later figure captions specifying the shapes could be removed. It is a bit distracting to see the shapes without explanation when you first see Figure 1.*

We added the legend with the different shapes in the caption of Figure 1 and removed it from the captions in the other figures.

*Line 194: I do not think MAD has been defined yet?*

We define MAD at line 161. We added the acronym, which was missing.

*Figure 3 caption: It might be useful to say something like "LFE and tremor detections during the FAME experiment as a function of time..." or something that distinguishes the difference between this figure and Figure 6. A legend with dot sizes and the corresponding number of LFEs would also be useful.*

We specified the data used to detect the LFEs shown in Figure 3 and 6. We added dot sizes and the corresponding number of LFEs in the legend.

*Line 283: It is known than , that\**

We corrected this sentence.

*Line 328: I think you are defining an LFE cluster in this section, not "assuming" these characteristics about clusters.*

We corrected this sentence and added definitions of LFE cluster and LFE episode earlier in the text.