

Figure 1

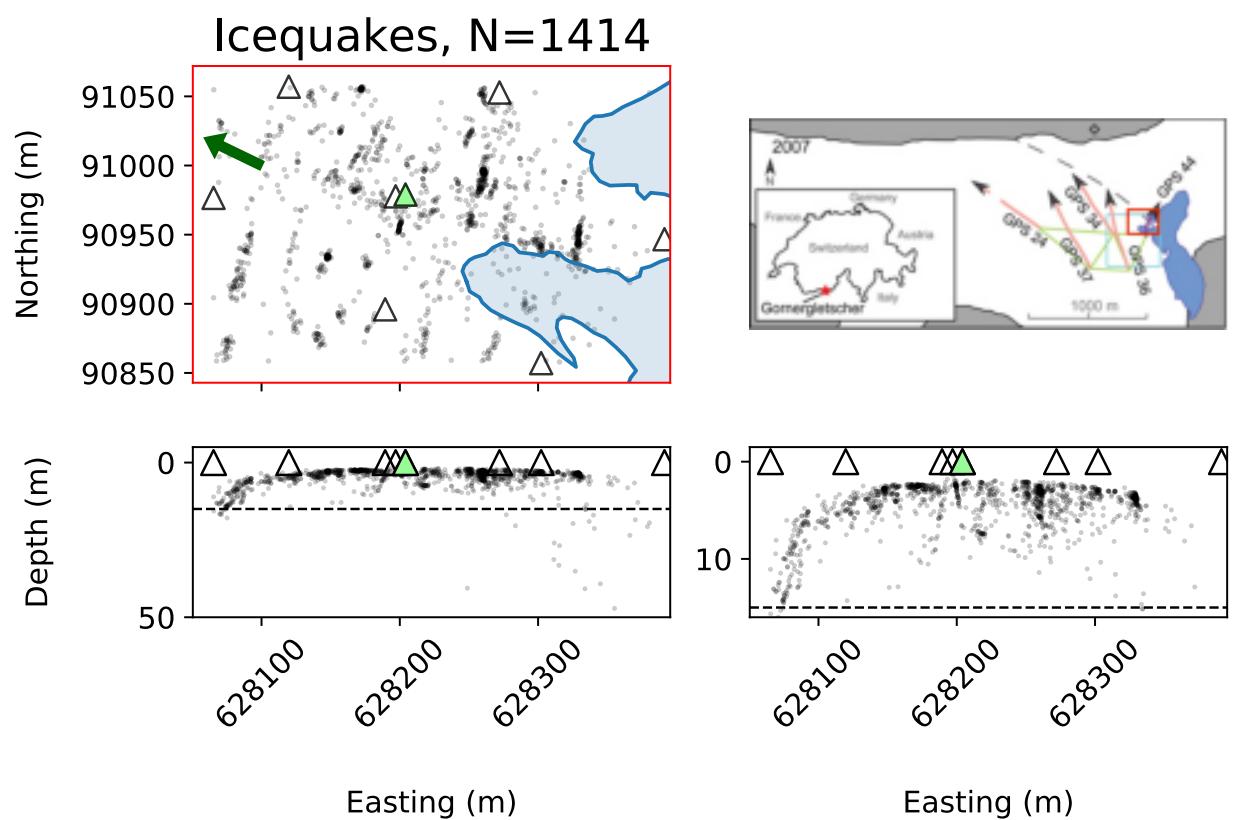


Figure 2

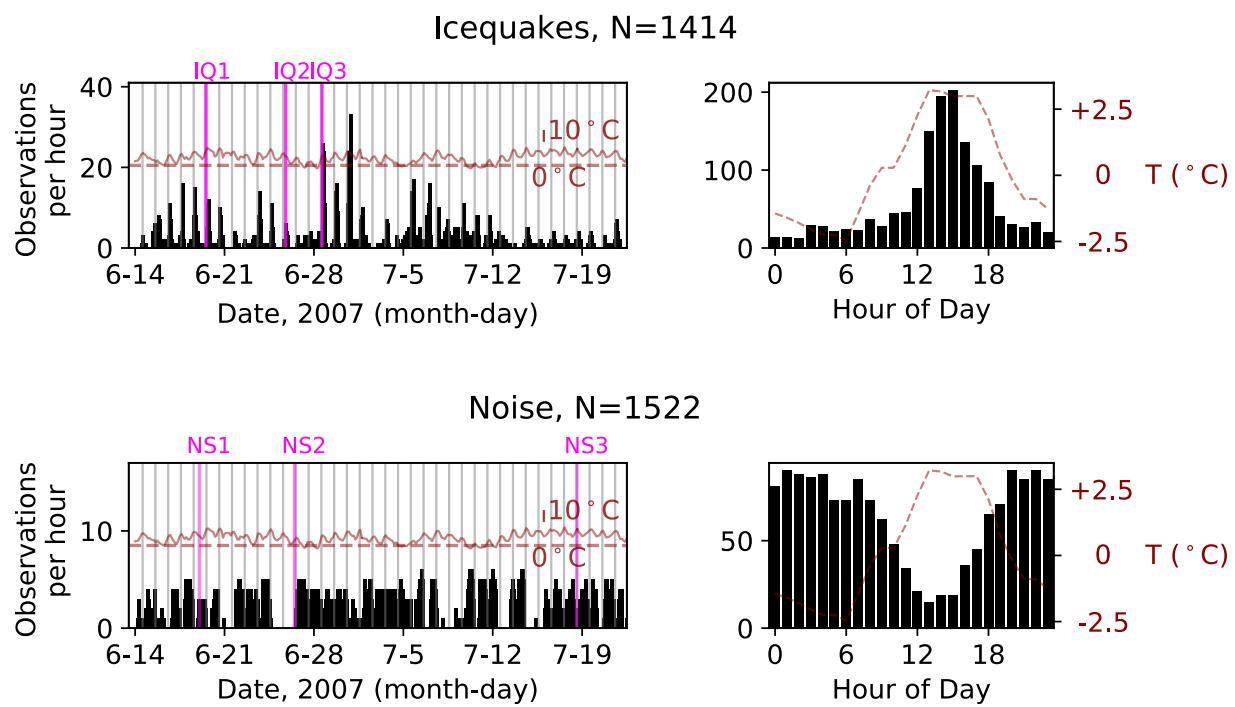


Figure 3

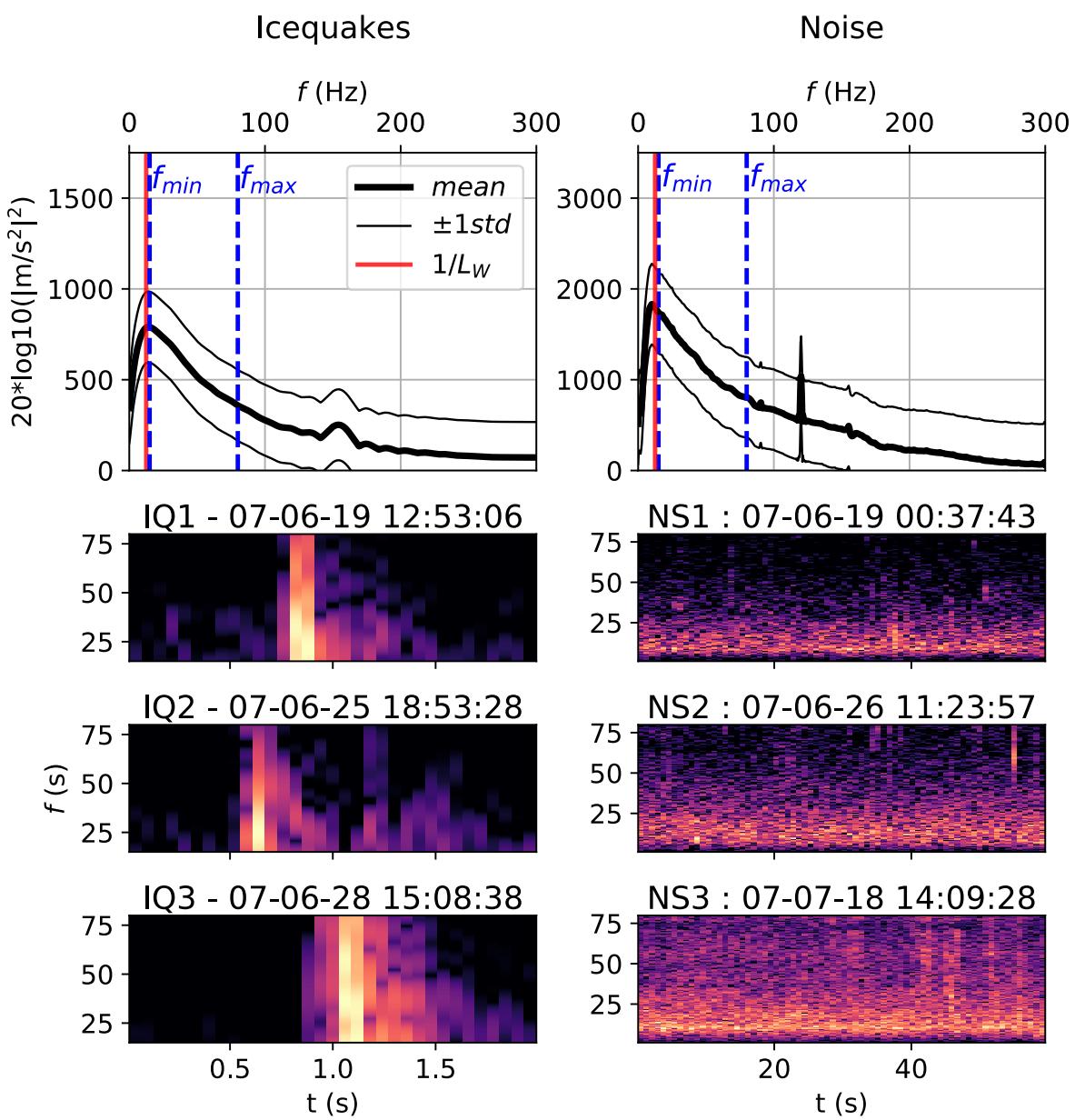


Figure 4 — add Kmeans shows fingerprint examples (photoshop!!)

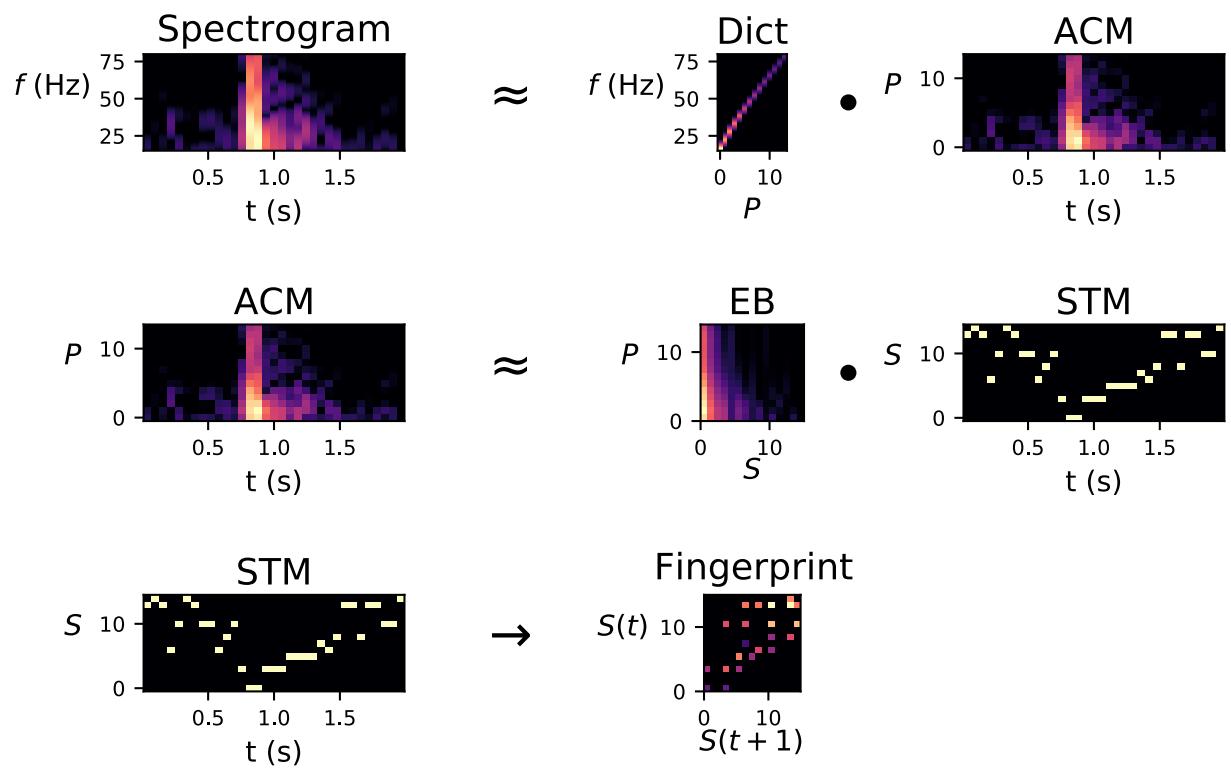


Figure 5 - **PCA by cluster and time**

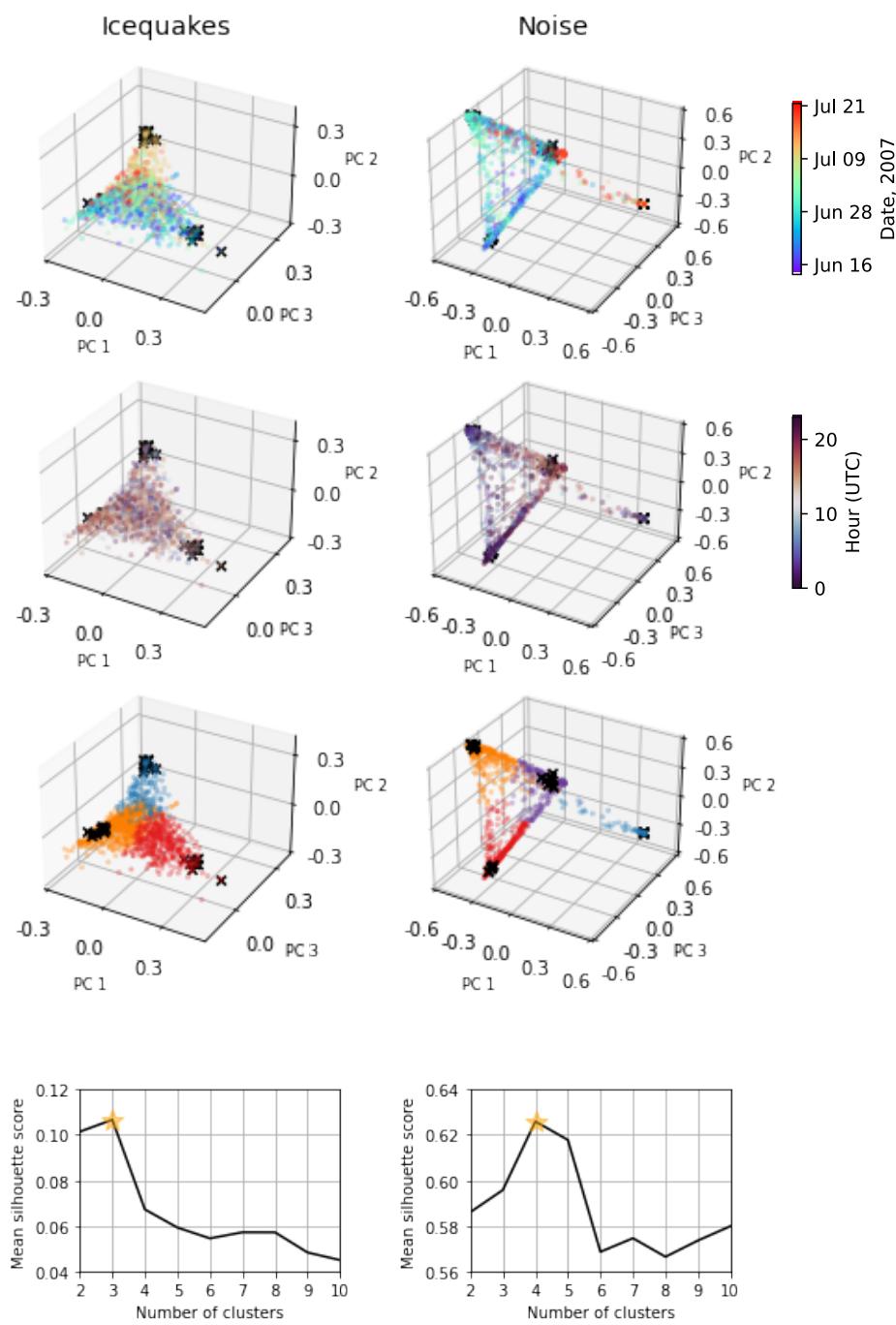


Figure 6 - FPs

stack top F FPS instead? Then normalize by max element in summed FPs

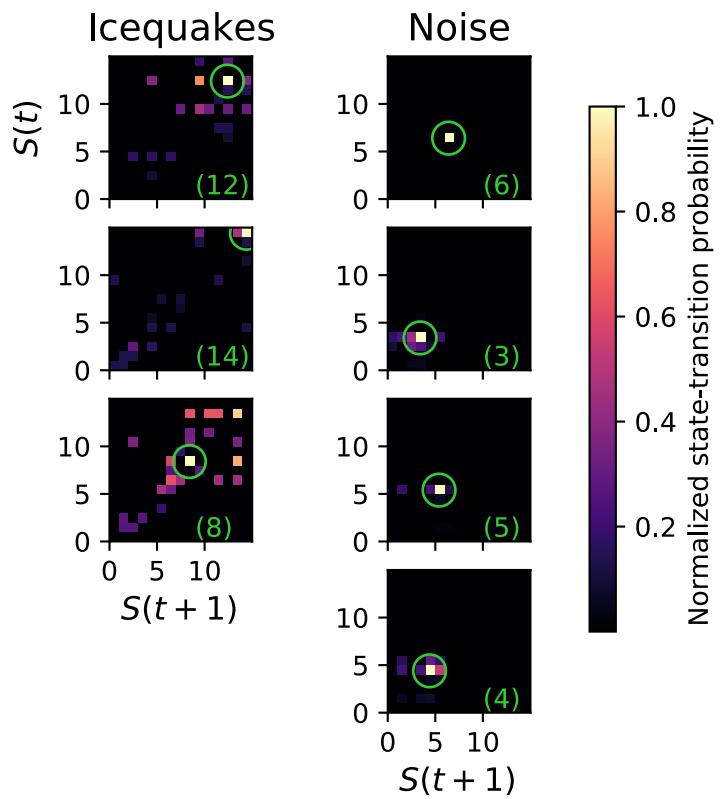


Figure 7 - rep events (check indexing on this for gridspec ... too narrow?)

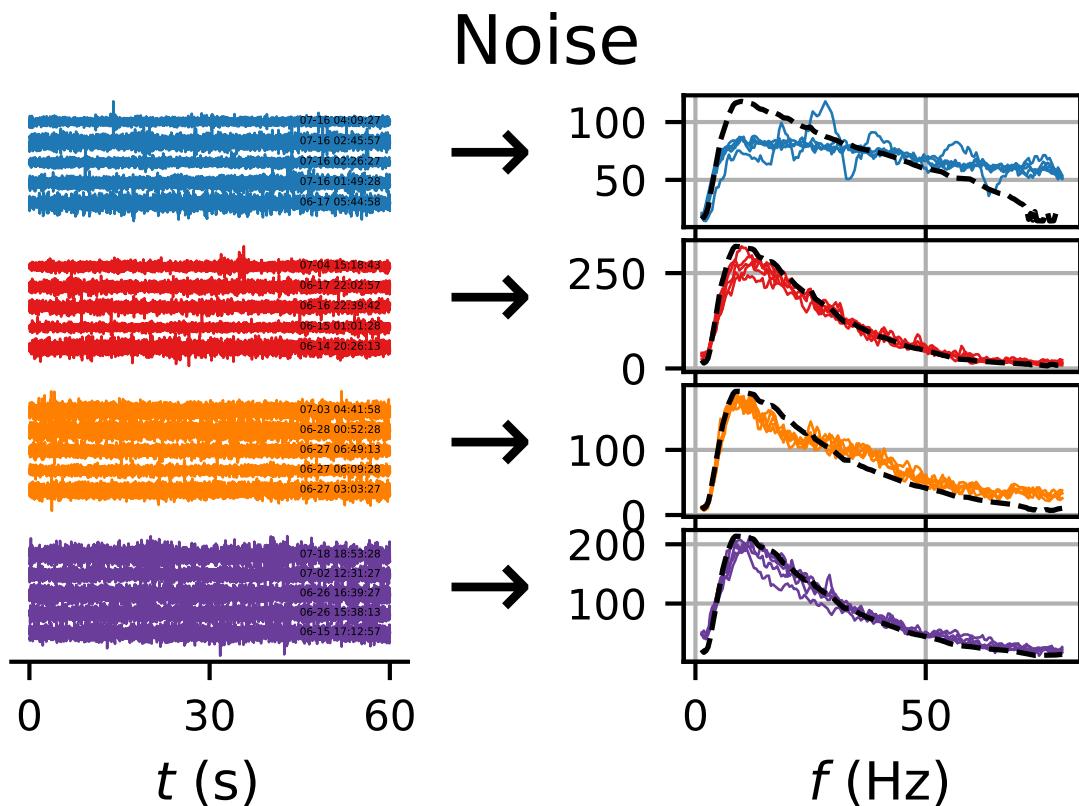
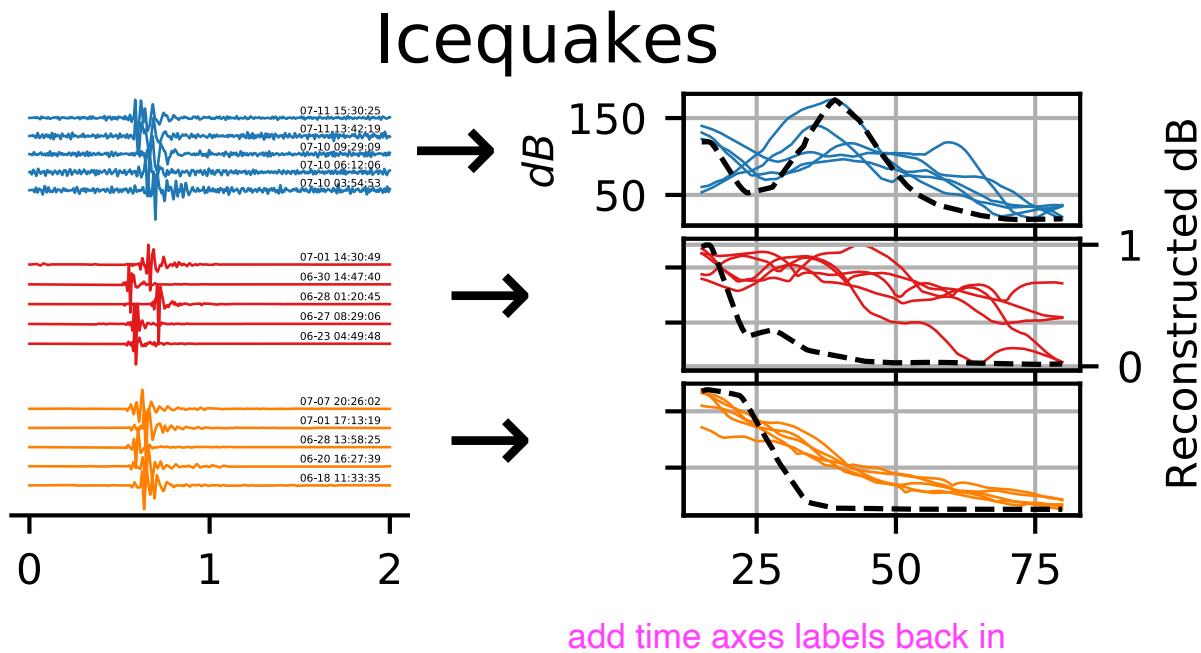


Figure 8

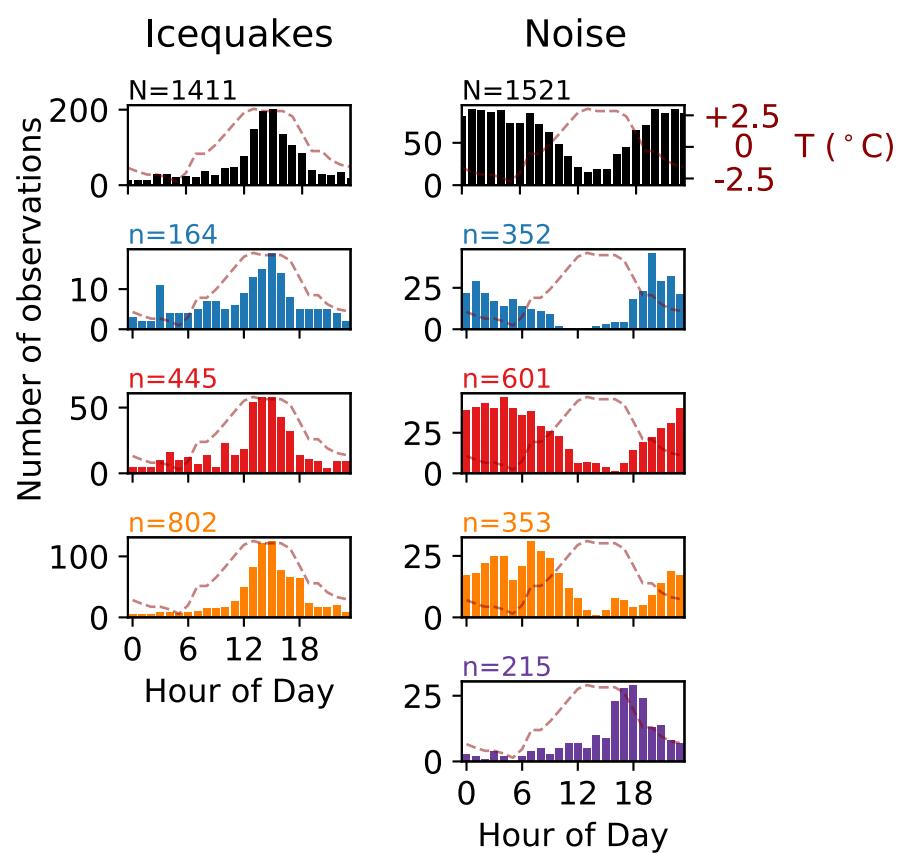


Figure 9 (fix velocity label, ylim for lake/rain)

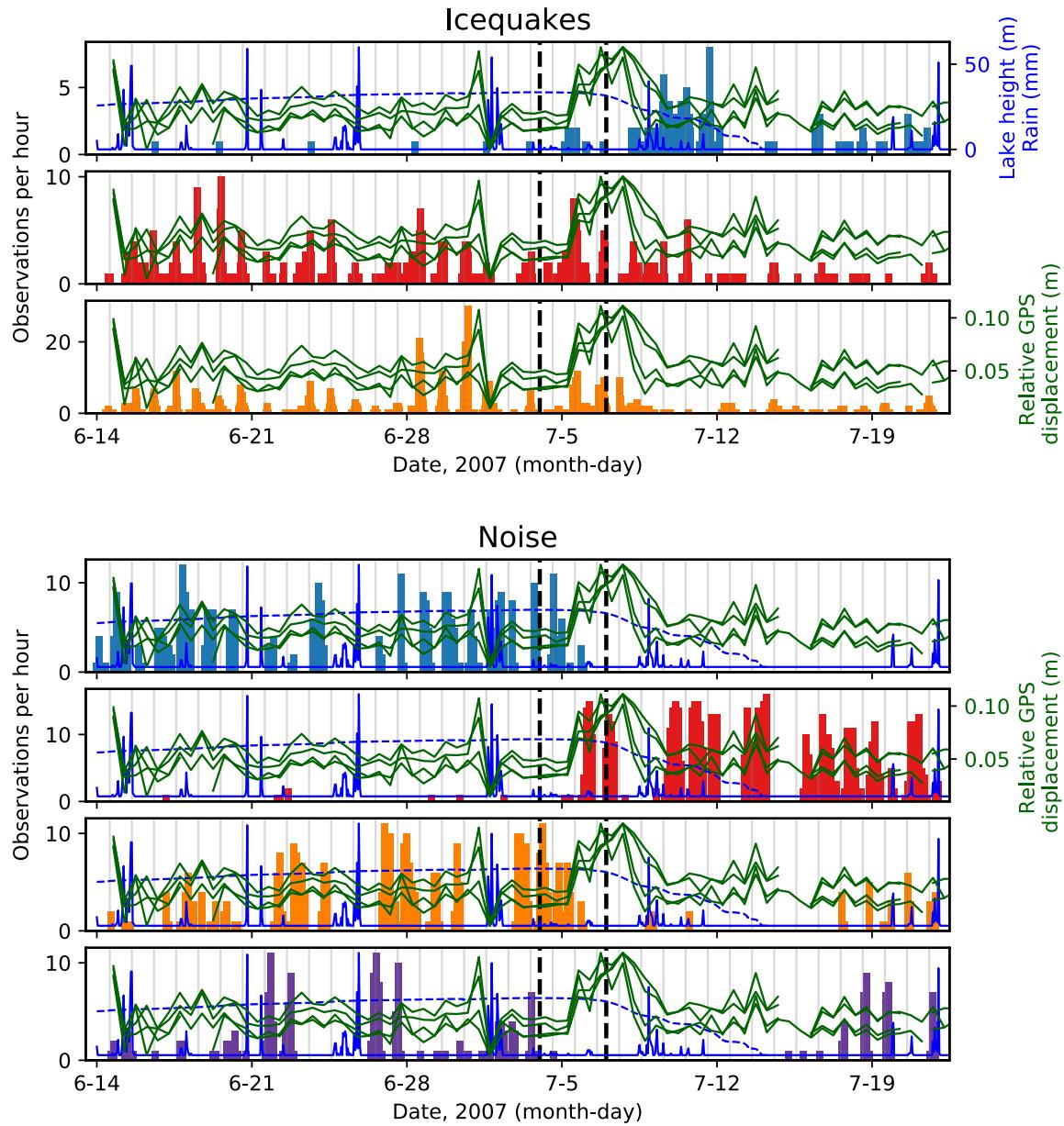
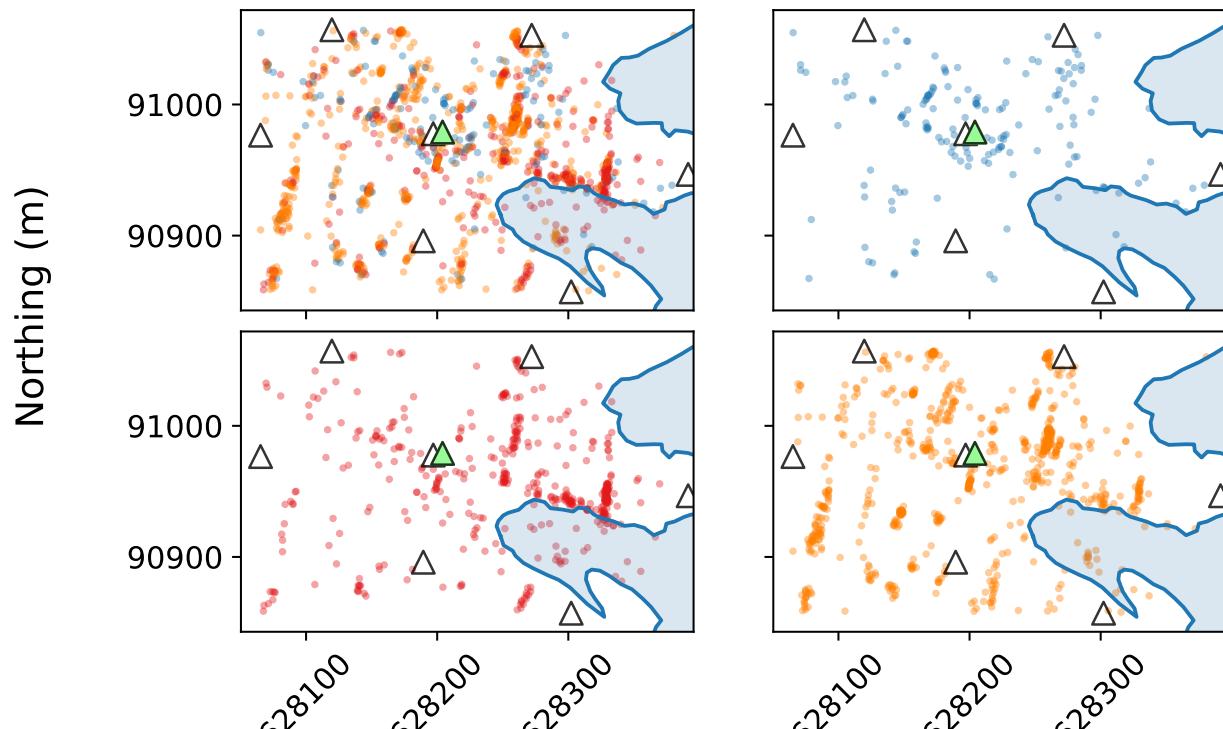


Figure 10



Easting (m)

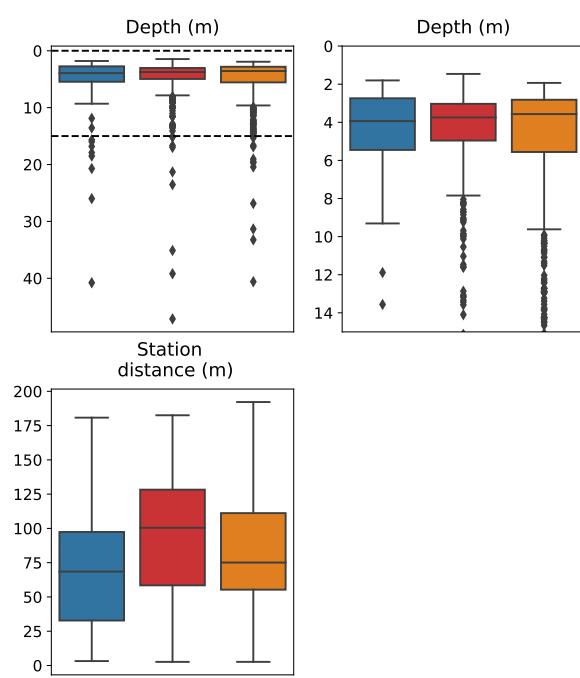


Figure 11 - box plot

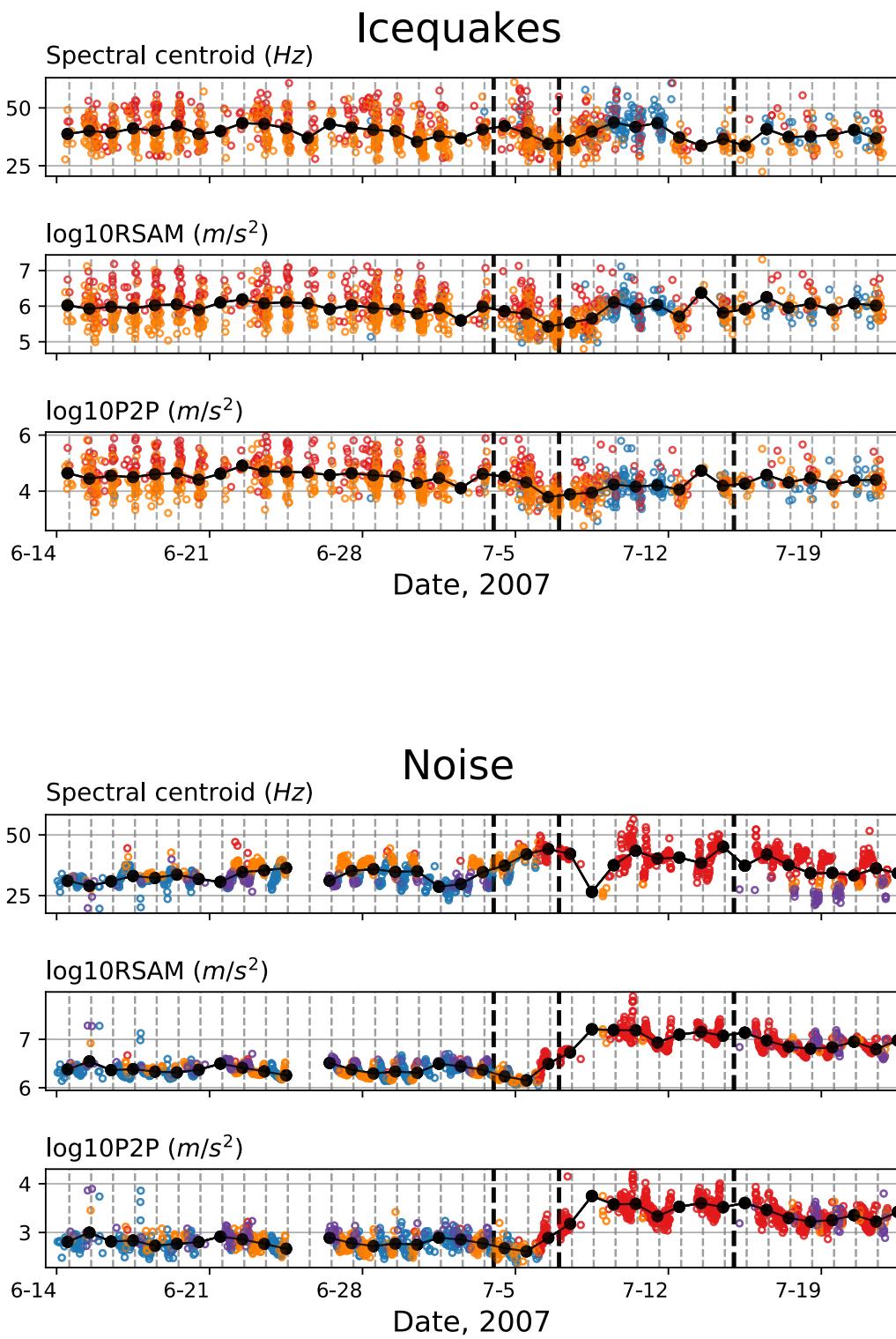


Figure 12 - kmeans on spectra

Figure 13 -reconstructed spectra