



A comparison of classification methods for detecting population structure in social cetaceans

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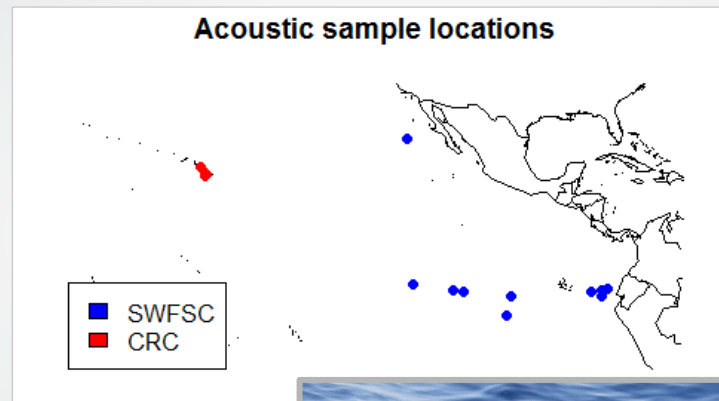
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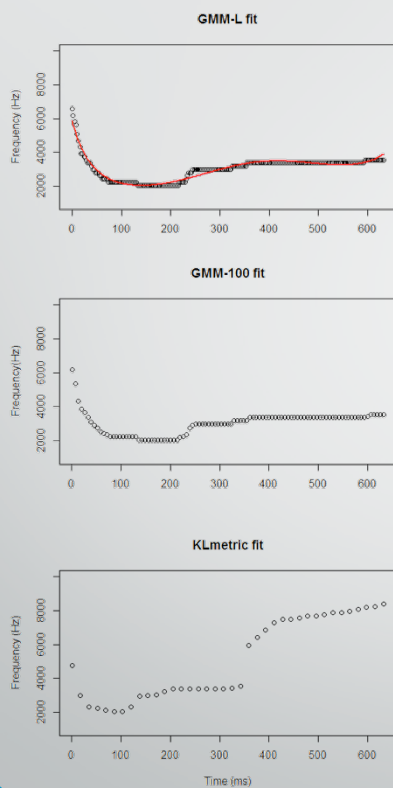
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Dataset: Pacific short-finned pilot whales

- Two types: morphologically, genetically, spatio-temporally distinct
- 8 recordings from Eastern Pacific
- 13 recordings from Hawai'i



How to detect population structure?



**Gaussian
Mixture
Model**



**Kullback –
Leibler
Divergence**

Results

