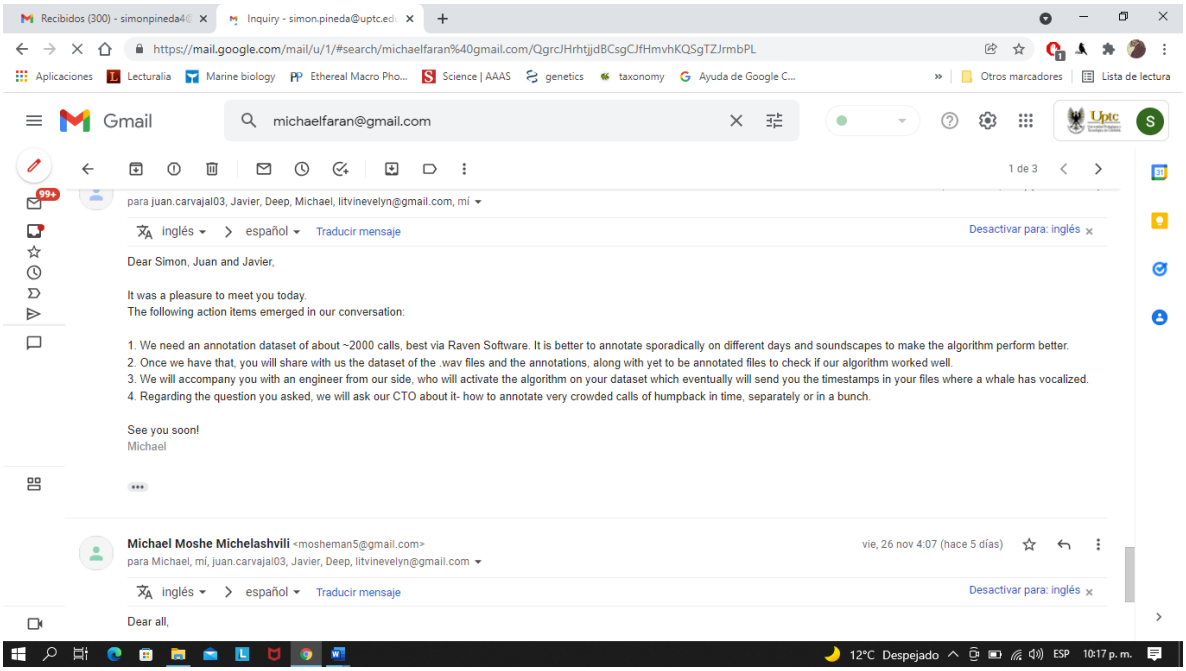
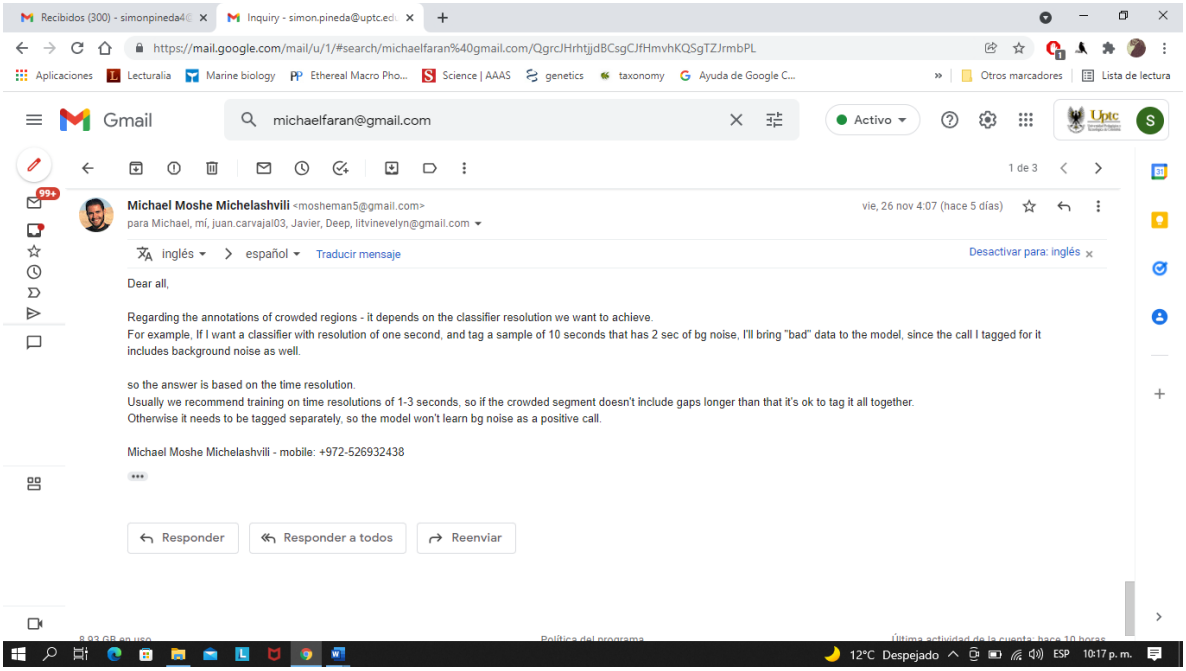
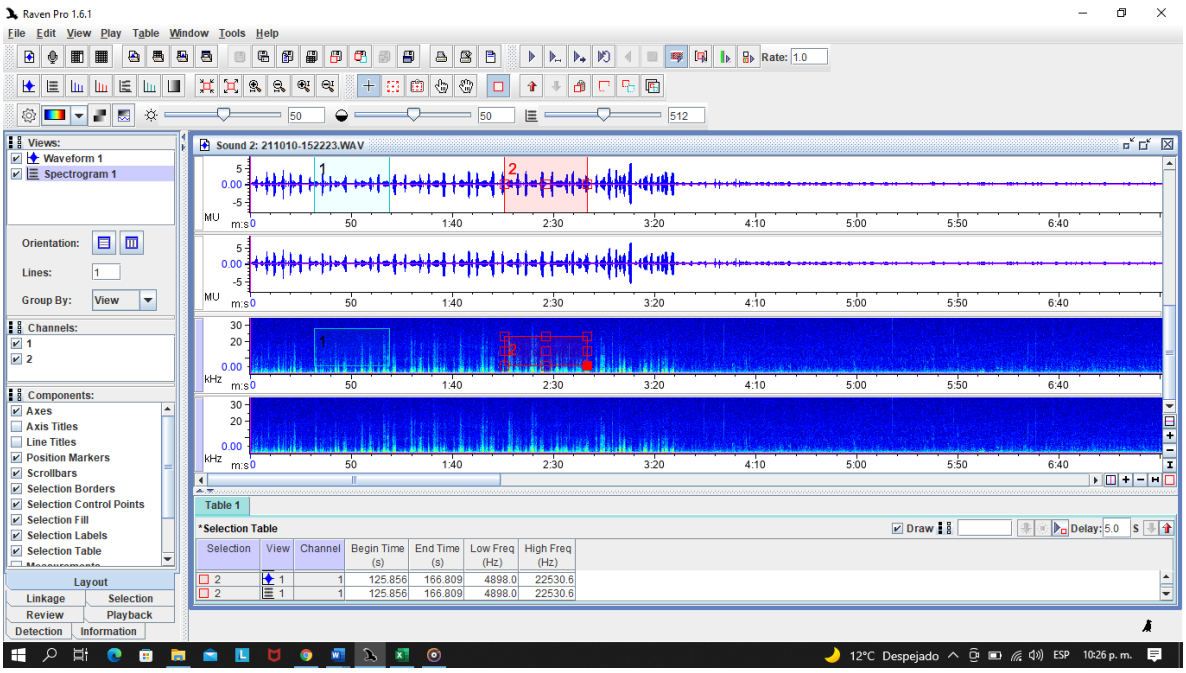
Project Update: December 2021

We are currently finishing the data organisation, we are talking to the Deep Voice Whale Research Foundation(Tel Aviv-Israel) because they were looking for investigators who had recordings of whale songs and vocalisations and also soundscape for their software that works with Artificial Intelligence, so we are currently finishing the data organisation, starting the data analysis and box classification (through RavenPro) and talking to the Deep Voice Whale Research Foundation for the data analysis.

In the images you will see the emails sent with Deep Voice Whale Research Foundation and also a screencapture of the RavenPro software with an audio recorded by us.




Recibidos (300) - simonpineda4
Inquiry - simon.pineda@uptc.ed
https://mail.google.com/mail/u/1/#search/michaelfaran%40gmail.com/QgrcJHrhtjjdBCsgCJfHmvhKQSgTZJrmbPL
Gmail
michaelfaran@gmail.com
Activo
1 de 3
Michael Moshe Michelashvili <mosheman5@gmail.com>
para Michael, mí, juan.carvajal03, Javier, Deep, litvinevelyn@gmail.com
vie, 26 nov 4:07 (hace 5 días)
inglés
español
Traducir mensaje
Desactivar para: inglés
Dear all,
Regarding the annotations of crowded regions - it depends on the classifier resolution we want to achieve.
For example, If I want a classifier with resolution of one second, and tag a sample of 10 seconds that has 2 sec of bg noise, I'll bring "bad" data to the model, since the call I tagged for it includes background noise as well.
so the answer is based on the time resolution.
Usually we recommend training on time resolutions of 1-3 seconds, so if the crowded segment doesn't include gaps longer than that it's ok to tag it all together.
Otherwise it needs to be tagged separately, so the model won't learn bg noise as a positive call.
Michael Moshe Michelashvili - mobile: +972-526932438
Responder
Responder a todos
Reenviar
12°C Despejado
ESP
10:17 p. m.


Raven Pro 1.6.1
File Edit View Play Table Window Tools Help
Views:
Waveform 1
Spectrogram 1
Orientation:
Lines:
Group By:
View
Channels:
1
2
Components:
Axes
Axis Titles
Line Titles
Position Markers
Scrollbars
Selection Borders
Selection Control Points
Selection Fill
Selection Labels
Selection Table
Layout
Linkage
Selection
Review
Playback
Detection
Information
Sound 2: 211010-152223.WAV
Table 1
*Selection Table
Draw
Delay:
Selection
View
Channel
Begin Time (s)
End Time (s)
Low Freq (Hz)
High Freq (Hz)
2 1 1 125.856 166.809 4898.0 22530.6
2 1 1 125.856 166.809 4898.0 22530.6
12°C Despejado
ESP
10:26 p. m.