SAS Lab Pro

Channel 1 on top, Channel 2 on bottom. (channel 1 is male for my experiments, through June 2010)

< > arrows. use to cycle through the files.

To hear the ultrasonic calls…..File: Playback settings: sample rate 11025

Play buttons on right side control ch 1 vs ch 2 playback. the main play button at the top left just does whichever was currently played last.

drag box over a sound clip to isolate a call. (this defaults to channel 1)

To select channel 2…. Edit:Format: Stereo->Mono: Channel 2

Spectrogram buttom= first one to the left of the stop buttom up top.

To export a spectrogram image (for a poster or talk), put a box around the call then save as something else (ex. “previousnameoffile\_ch2something.wav”)

Sometimes a call can be heard and seen in both channels. If this is the case, it’s likely the one in which the call is louder. However, due to mic sensitivity differences, it may not always be the case. To check time of arrival cues, make a box within the spectrogram window for each channel (independently) and compare the exact time the call started (ex. T1= .232 s)

Examples:

c2486T trial

wav file # 124.

chan 1= 4 FM calls

chan 2= 2 FM, 1 HFM (3 syllables)

file 125.

ch 1= 1 FM

ch 2= 1 FM

file 126 (tricky since some calls are heard/seen in both channels)

ch 1= 1 FM (at beginning)

ch 2= 2 FM

file 127

ch 1= 1 FM at .34ish

ch 2= 2 FM, maybe SV at beginning.

file 140

ch 2= FM, not SV

file 154

ch 2= 4 FM, 1 HFM (2 syllables)

c2445 Mated Pair trial

file 41

ch 1= 3SV (a bit louder than in ch 2 apparently). Also, natural history informing technology: one mouse will make one or more SV calls in a string. In other words, they (the two mice) typically don’t make SVs right next to each other, temporily.

plus 5 FM

file 26.. tons of HFM calls! crazy