

DEMO NOTES

There are 5 clients:

SW has audio and EPG (imported from the MoCHA database)

CM has audio and EMA (AG500)

AW has audio and ultrasound video and EPG.

JC has audio, EPG and ultrasonix 100Hz highspeed ultrasound.

09_MRI has dynamic MRI data recorded at 2.5Hz

Use File|Open Project/Client... to select different clients.

Each client has one recording.

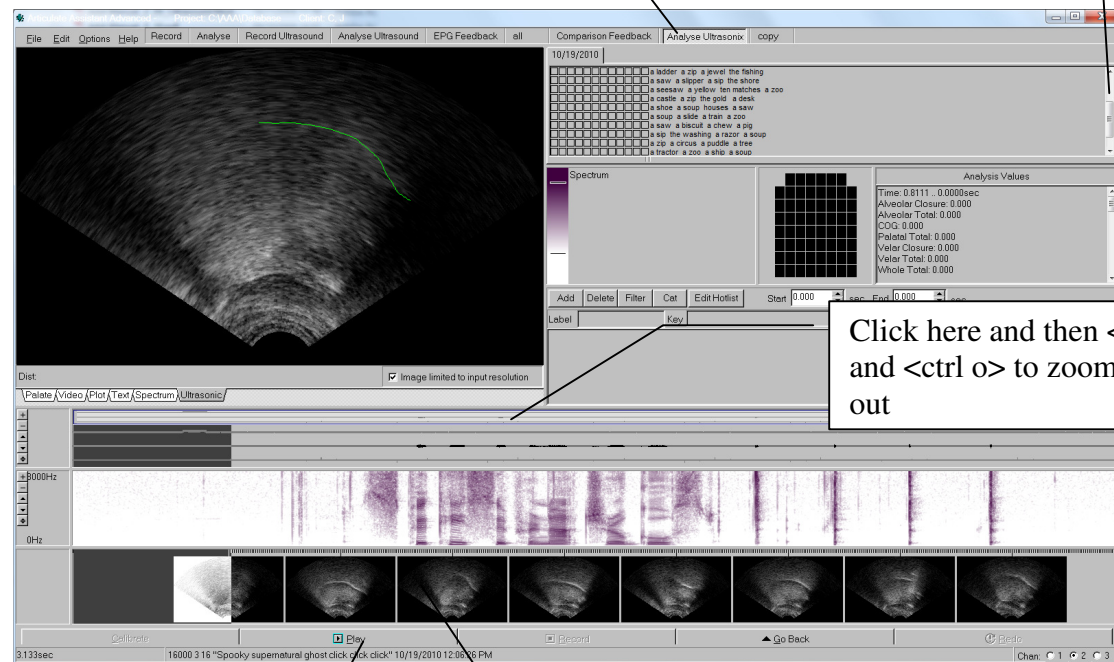
The software is fully functional but without the ability to record and import new data.
Experiment with labelling the data, fitting contours, creating analysis values and exporting them.

HIGH SPEED ULTRASOUND (Ultrasonix)

Open client JC. Select the “Analyse Ultrasonix” task window button at the top of the screen.

Click “analyse ultrasonix” to see this screen

Scroll down and click on the box with a cross ☒ next to “Spooky supernatural ghost...”



Click here and then <ctrl i> and <ctrl o> to zoom in and out

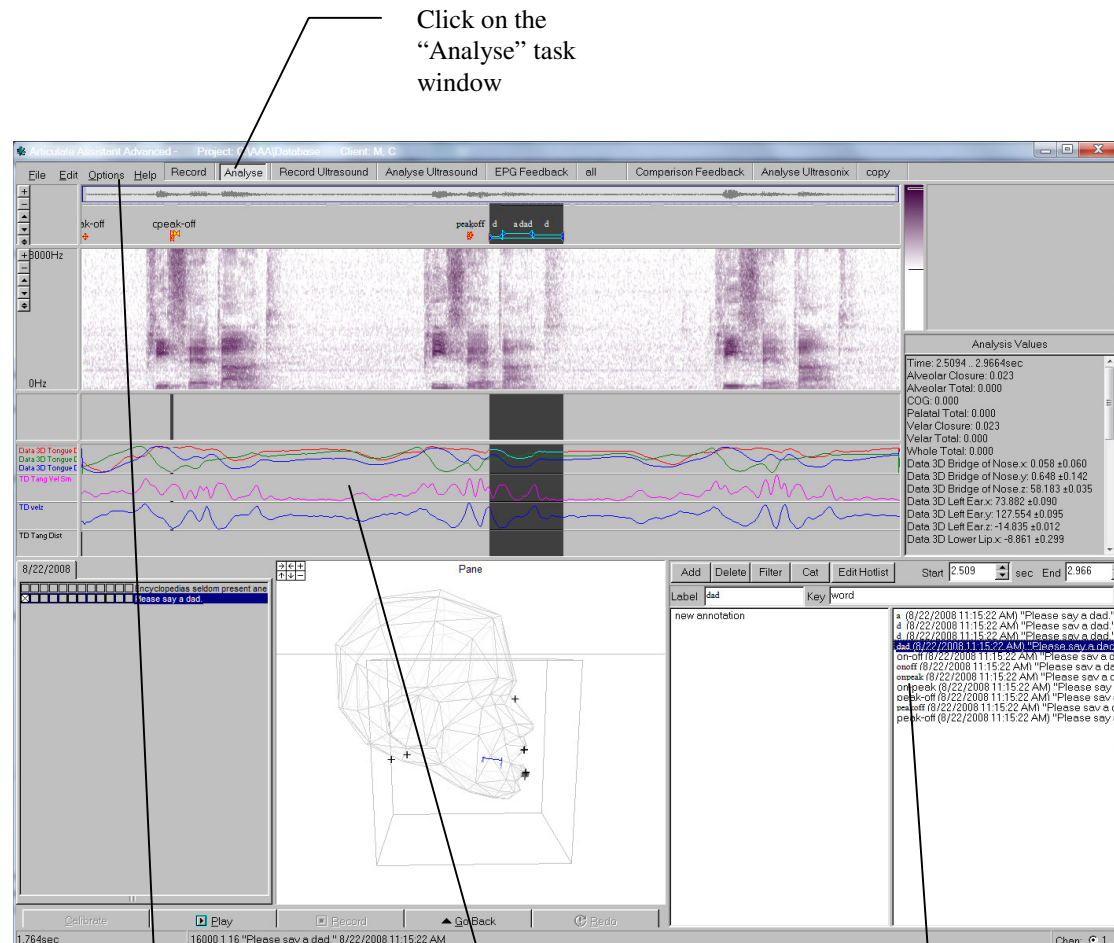
Right click on play to play 4x slower

Click here and then use left and right cursor keys to step through

EMA DATA

Open client CM. To get the most out of this data select the “Analyse” task window button at the top of the screen

To see examples of velocity calculations, load the EMA analysis values.

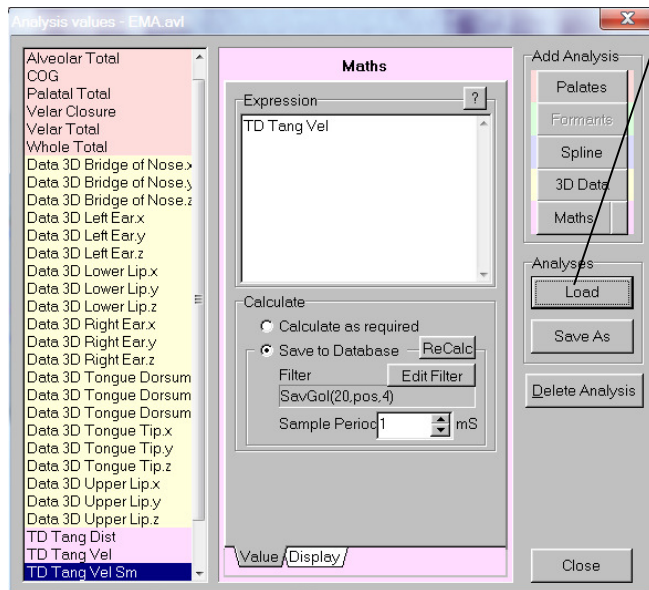


Click on the
“Analyse” task
window

Select “Options/
Analysis values” ...

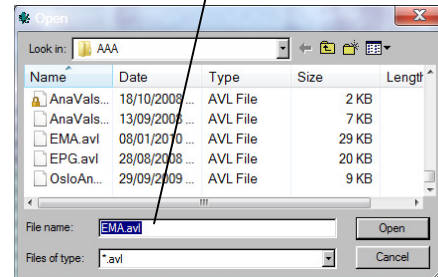
Right click here and
select “Edit charts” to
change the displayed
charts

Click here to
find annotated
regions



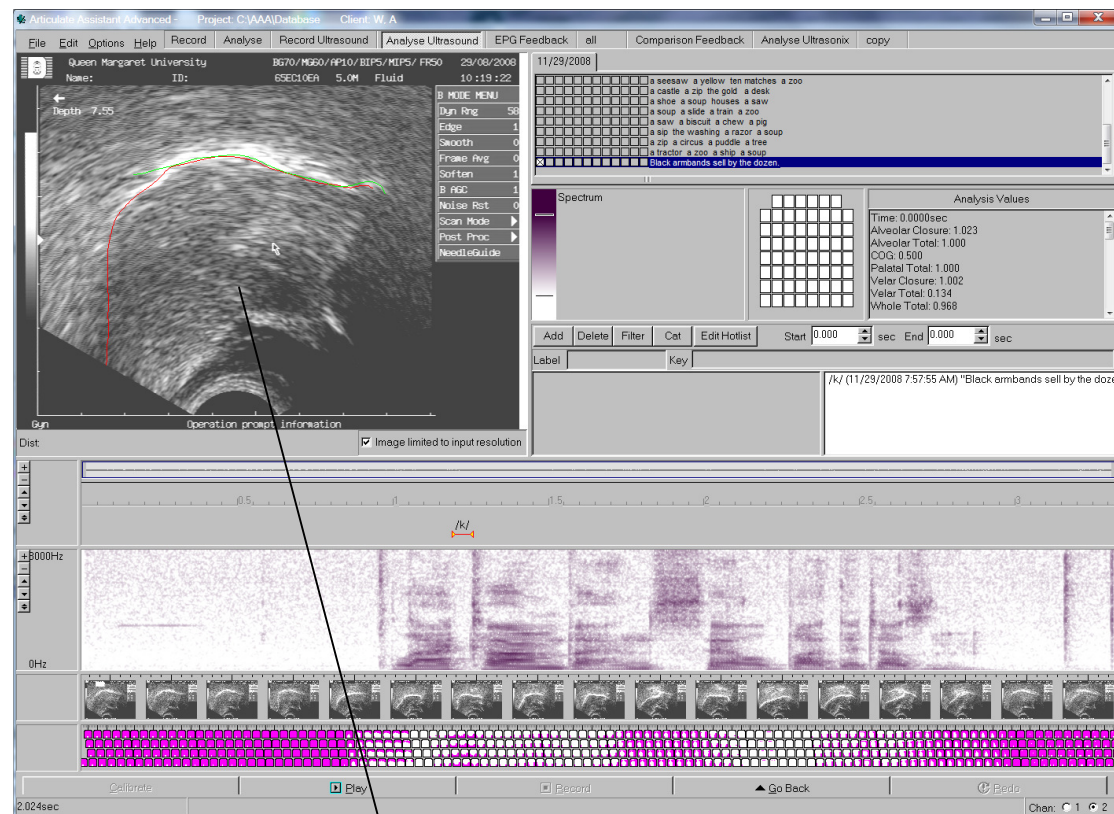
...Click
"Load"....

...and select
EMA.avl



ULTRASOUND DATA (NTSC video)

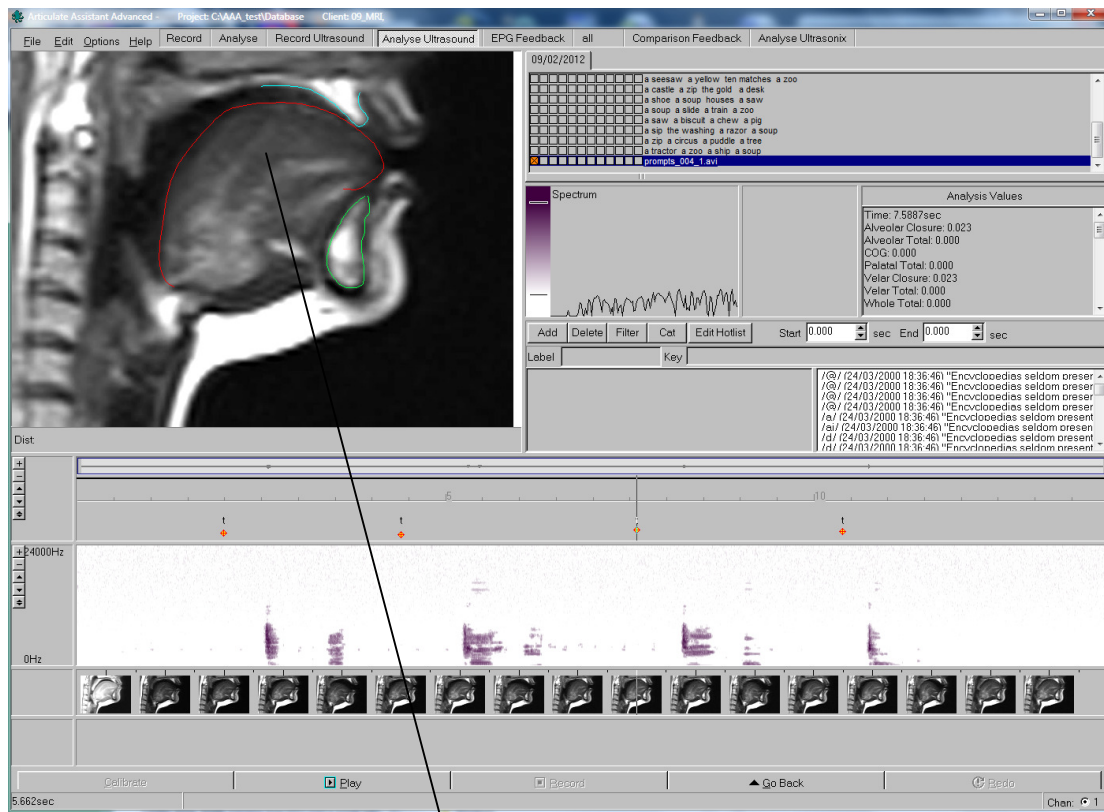
To get the most out of AW, click the “Analyse Ultrasound” task window button to get the view below.



Right click here and select
“Edit splines” to get options
for fitting splines

MRI DATA

MRI data recorded with an 8mm slice thickness at 2.5 frames per second. Speakers were asked to hold target articulations for a couple of seconds to avoid motion blur in the images which take 400ms each to scan. In this recording the alveolar stop [t] is the target. [t] is repeated in isolation and in three vowel contexts. Audio is recorded using an optical microphone with post processed noise cancelling.



Right click here and select
“Edit splines” to get options
for fitting splines