1. Run placenta.iq2rf() in each folder containing .iq.bmode files
   1. Generates a .mat file with the RF data
   2. The .iq.bmode and .iq.xml files must both be present
2. Run placenta.segment\_placenta\_frames(fid,frame) to create segmentation data
   1. fid is the name of the .mat file containing the RF data
   2. frame is the frame # to segment
      1. Omitting the frame number means each frame will be displayed for segmentation sequentially
   3. First draw the boundary for the placenta, then draw a curve tracing the skin surface
      1. Placenta segmentation ends when the ROI is closed.
      2. Skin segmentation ends by pressing “Enter”
3. Run placenta.qus\_processing(fid,frame)
   1. This is the QUS processing code
   2. fid is the name of the .mat file containing the RF echo data
   3. frame specifies the frame(s) that should undergo QUS processing
      1. Can only process frames that have segmentation data. Why? Because the location of the skin must be known for proper attenuation compensation.
   4. placenta.qus\_processing\_select\_roi allows for clicking on the B-mode to choose a single ROI for QUS processing. Has its uses, but does not save QUS results for the whole image.
4. Run placent.compile\_qus\_results
   1. Will need to set some parameters prior to running the script