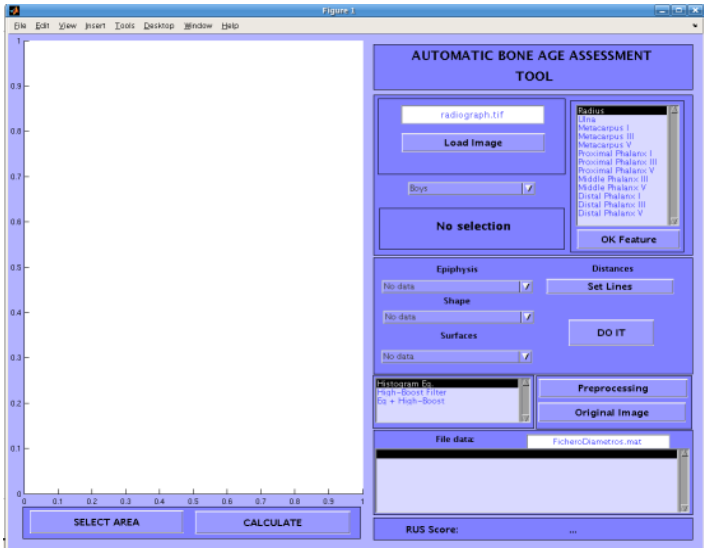
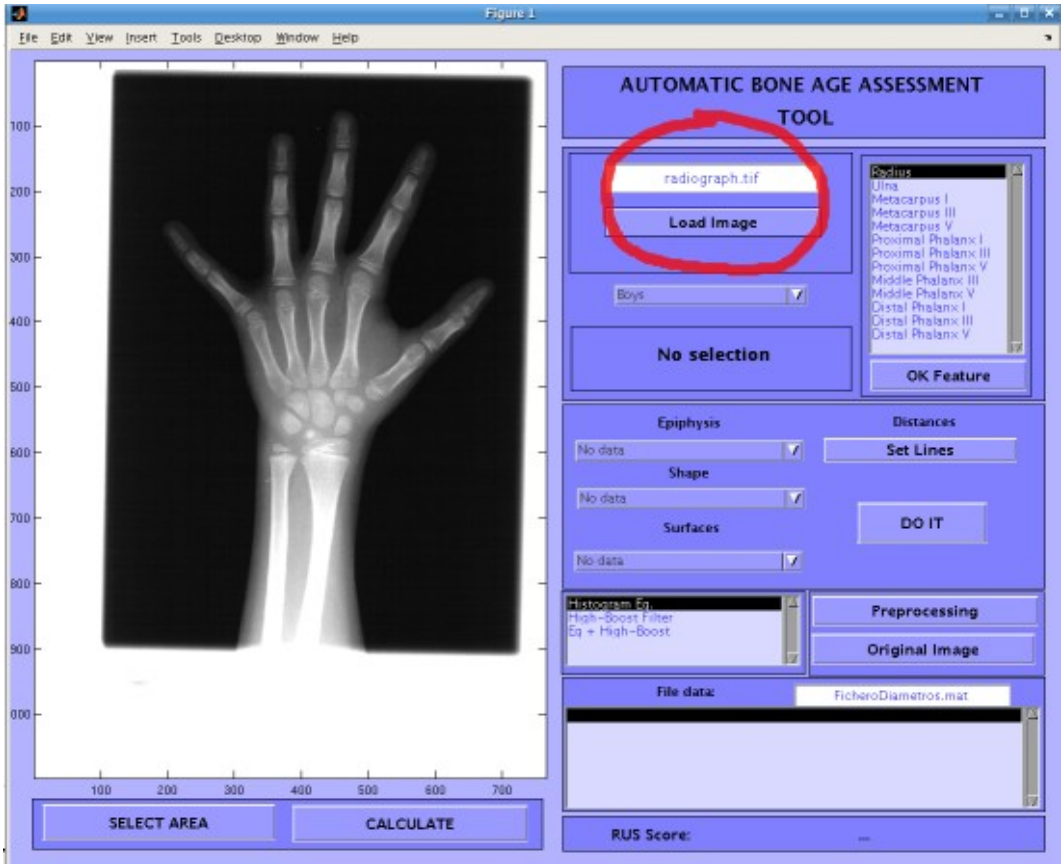
HOW TO

1.- To begin, launch the GUI in MATLAB

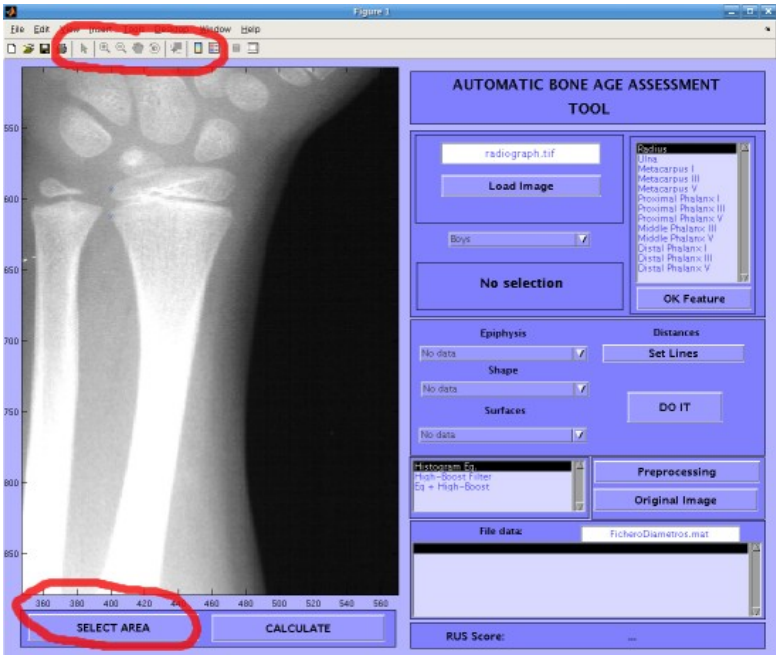
```
>> tw2_inter
```



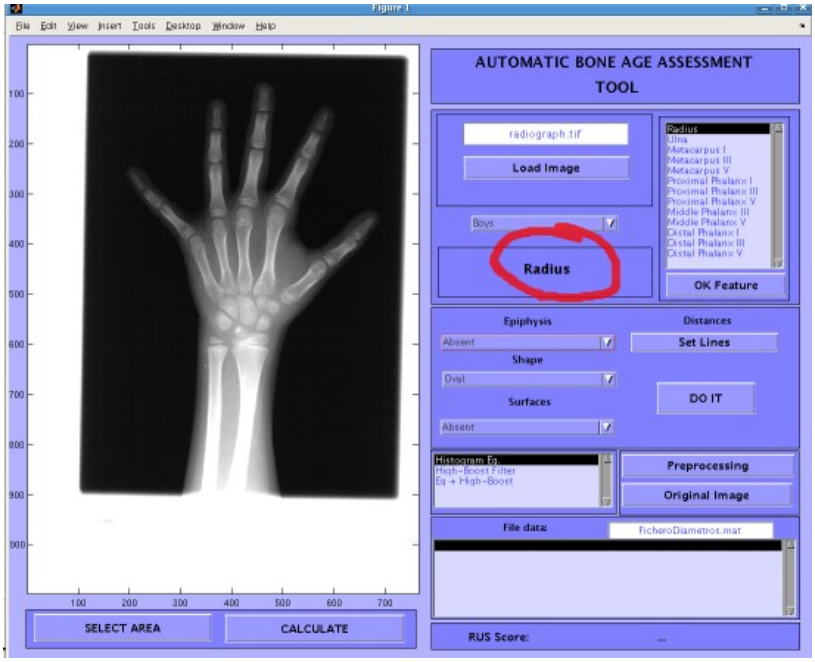
2.- Write the name of the image in the upper box and click **Load Image**



3. You can Zoom to a part of the image by using the **Select Area** button or the Image tool-bar

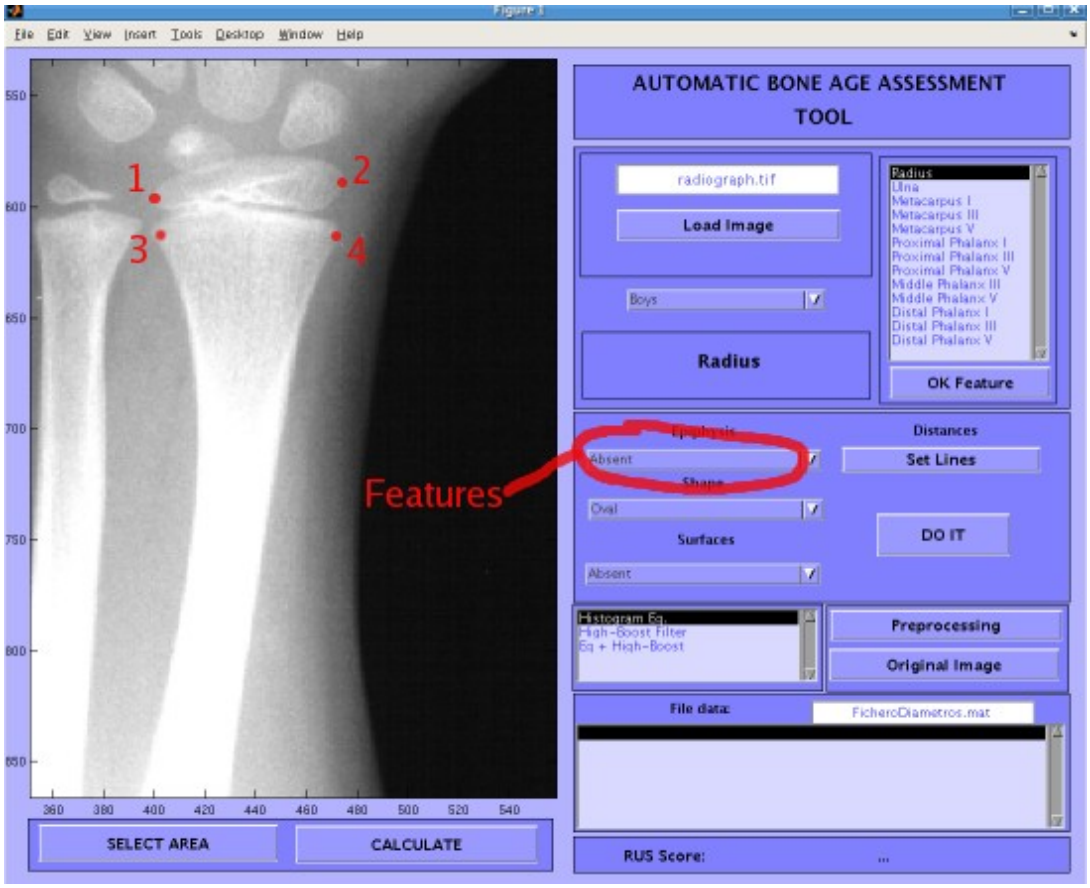


4. Next Step is to select the bones, one by one. For example, let us start with the radius. You select the radius form the list and click on **OK Feature**. In the box where the "**No selection**" text was displayed, now it is shown the name of the feature.

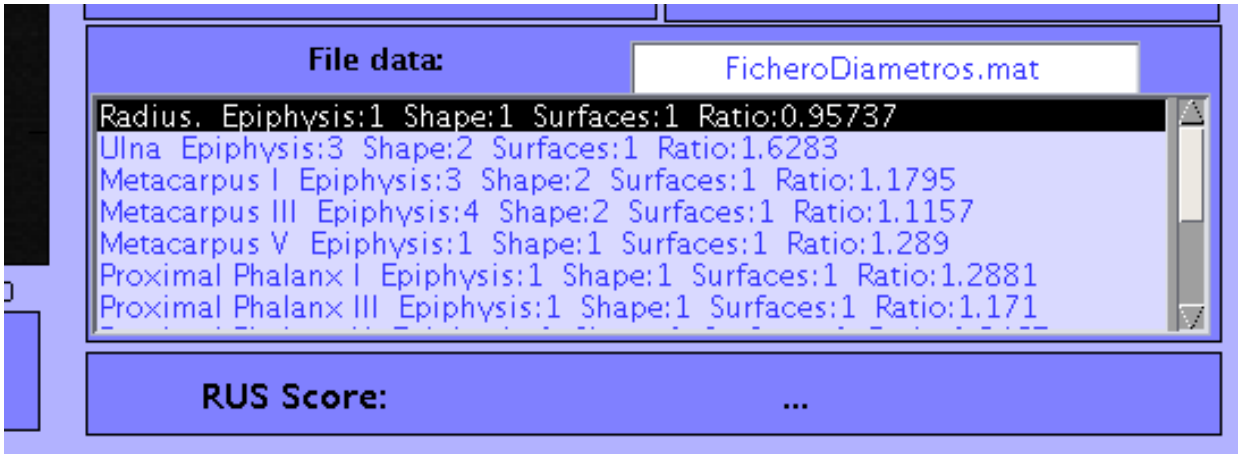


The boxes **Epiphysis**, **Shape** and **Surfaces** are charged with the features for this bone.

From each feature-box select the feature that most likely belongs to the bone. Afterwards, you must measure the distance of epiphysis and metaphysis. To do so, click on **Set Lines**. Go to the image and mark two points in the epiphysis and two points in the metaphysis, and then make right click on the mouse.

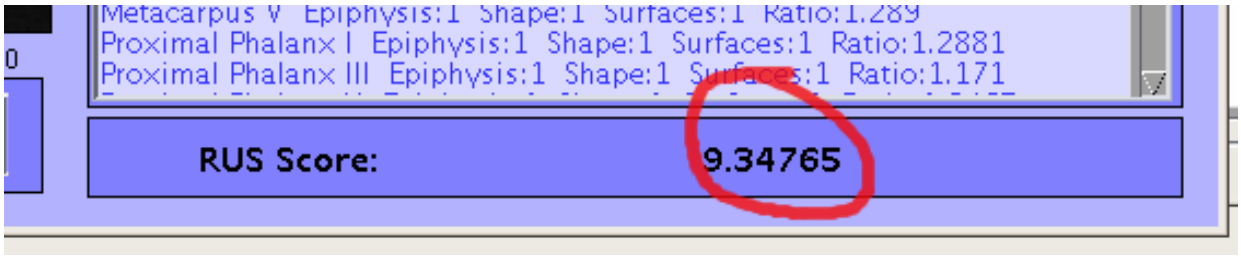


One you have done so, select a file to save your data. Default **FicheroDiametros.mat**. Afterwards, click on **DO IT**. The features must appear in the lower box



Do the same for the 13 bones

5.- Once you have done it for every bone, click on **CALCULATE**. The RUS Score is on the bottom.



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