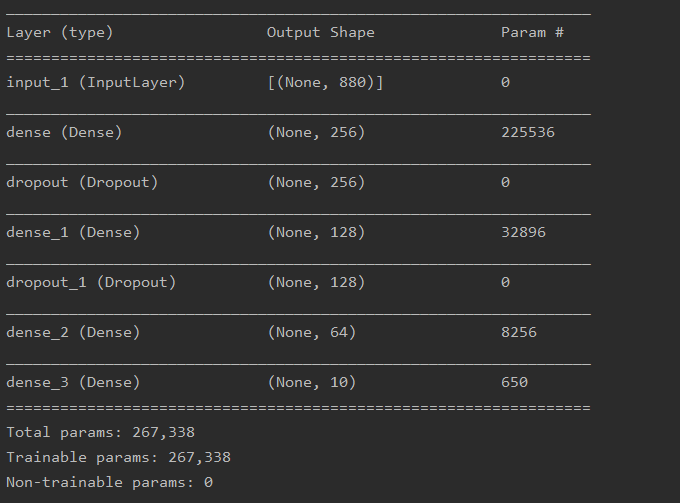
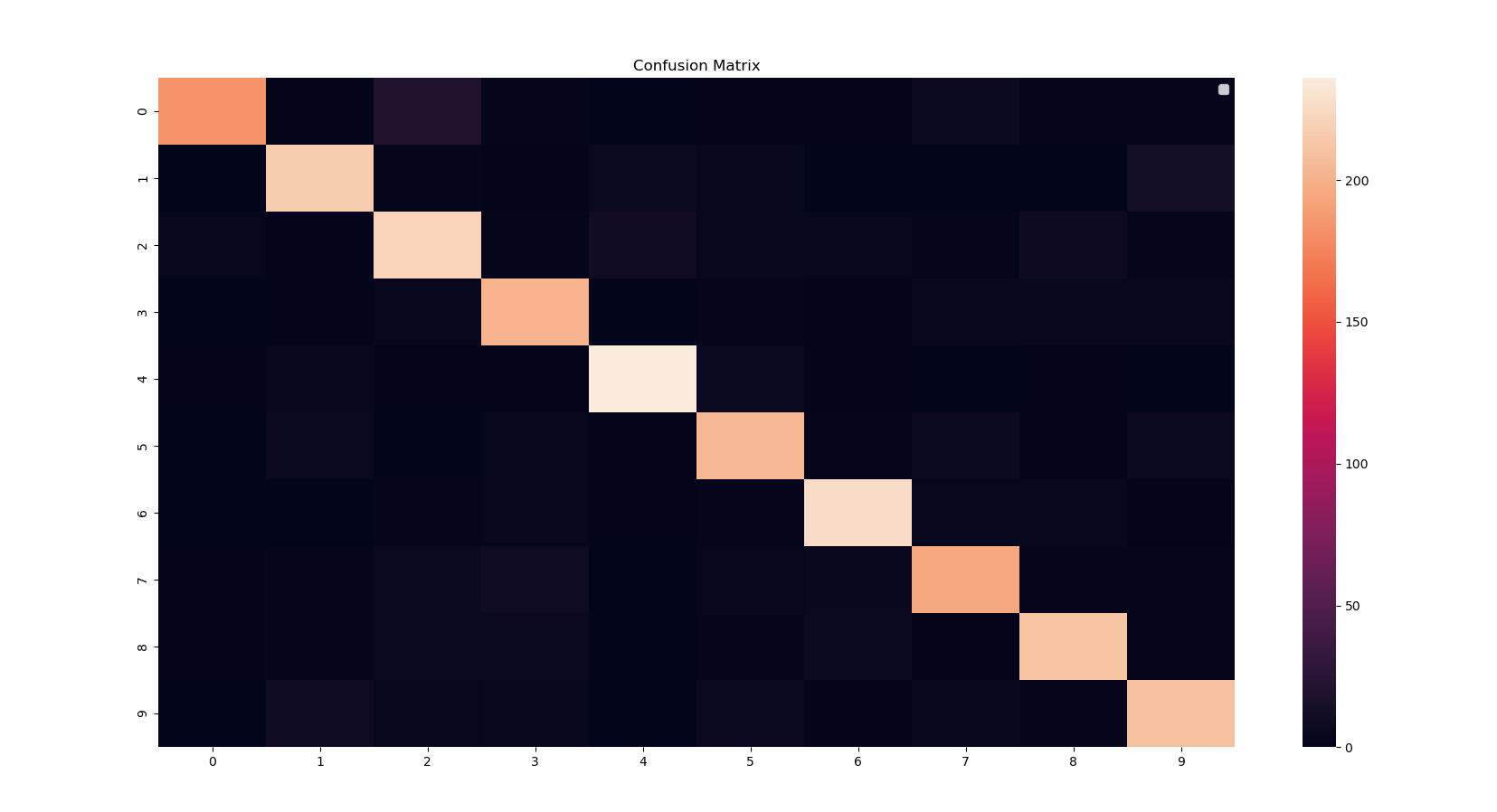


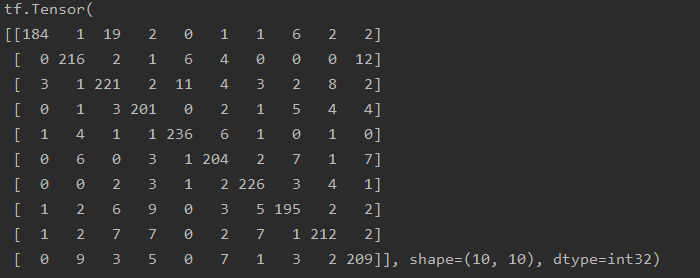
The model: model\_droput0.5.h5

Batch = 64



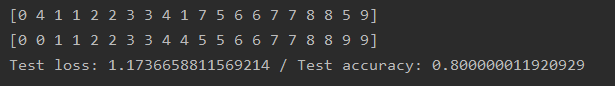
Confusion matrix







Testing with my own voice:



The first row is the prediction, the second one is the ground truth. For each digit there are two types of recording. The first one, corresponding to the first digit, I recorded only one digit at a time; the second digit comes from one recording where I uttered all digits from 0 to 9, then using a script split them.

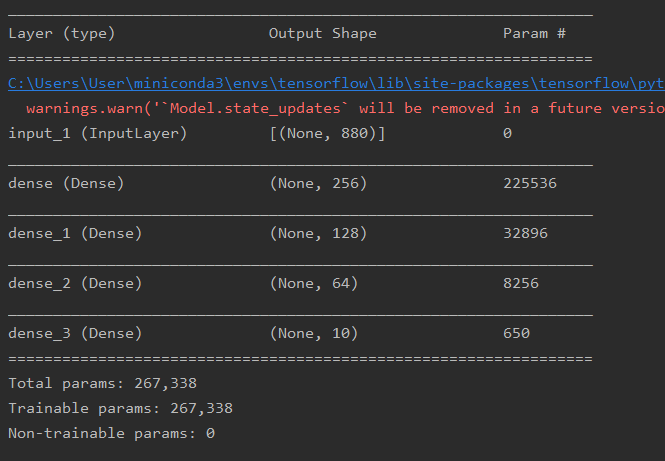
Upper-bound Lipschitz constant:



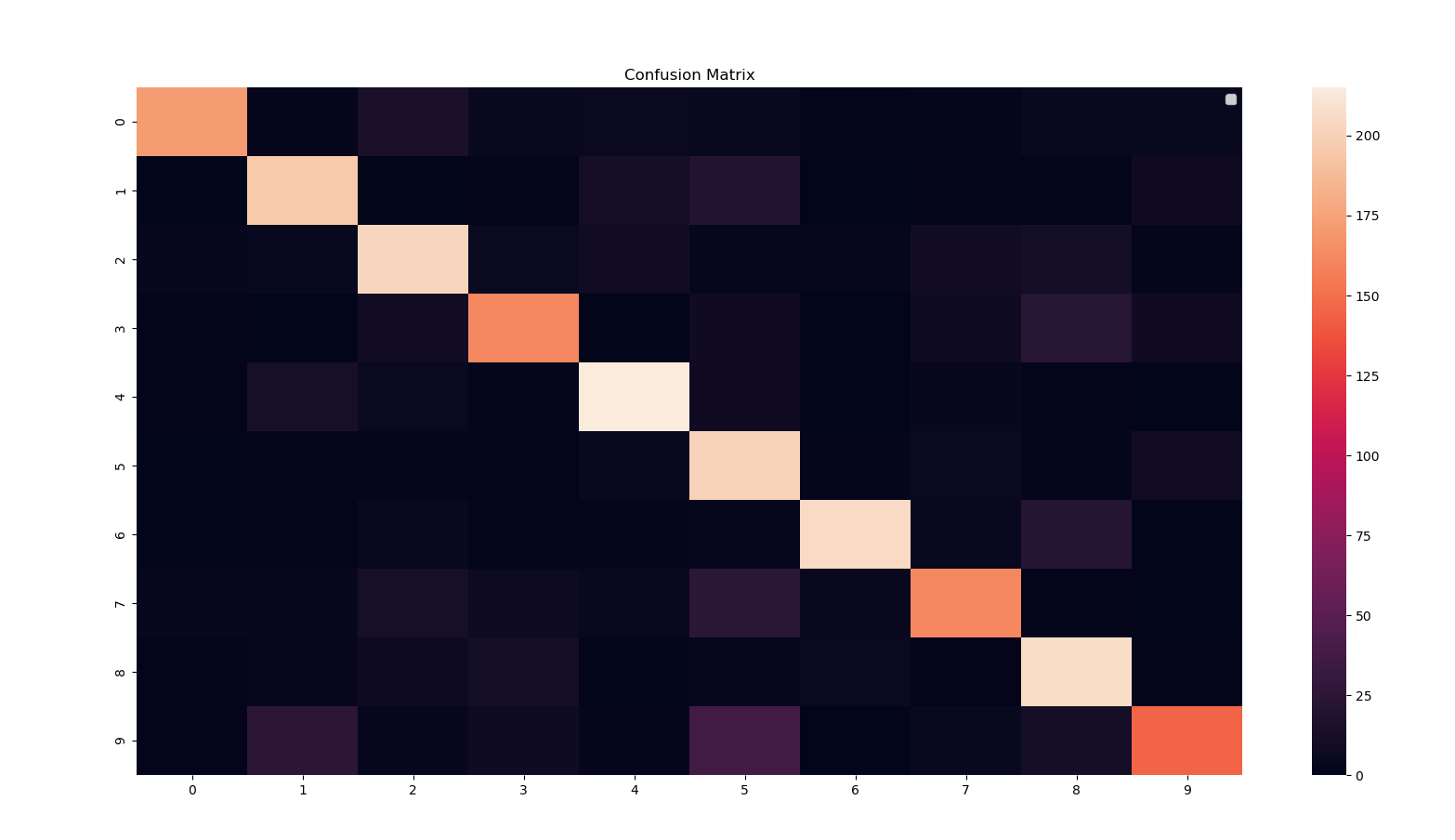
20.09.2021

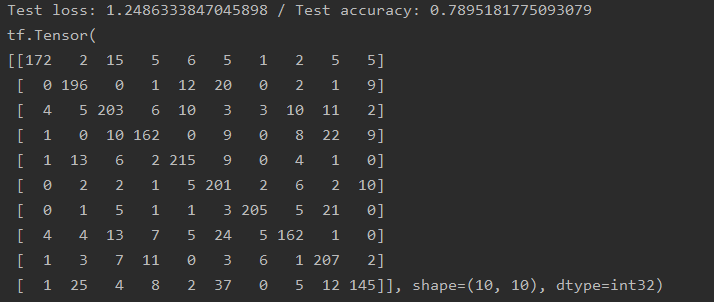
**Training a constrained model: model\_NoDropout.h5**

**Batch = 64**

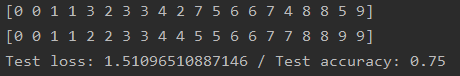
****







For recordings of my voice:

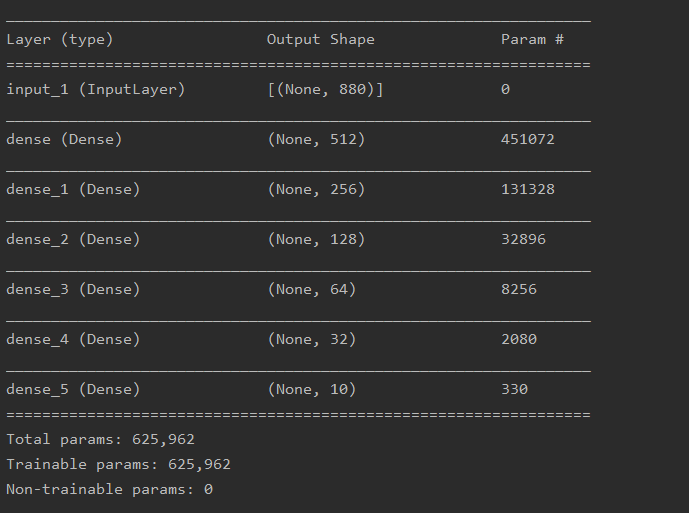


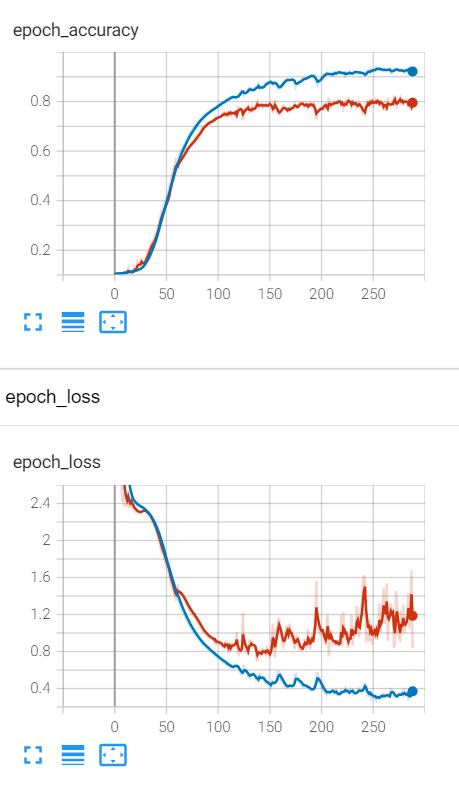
Lipchitz constant:

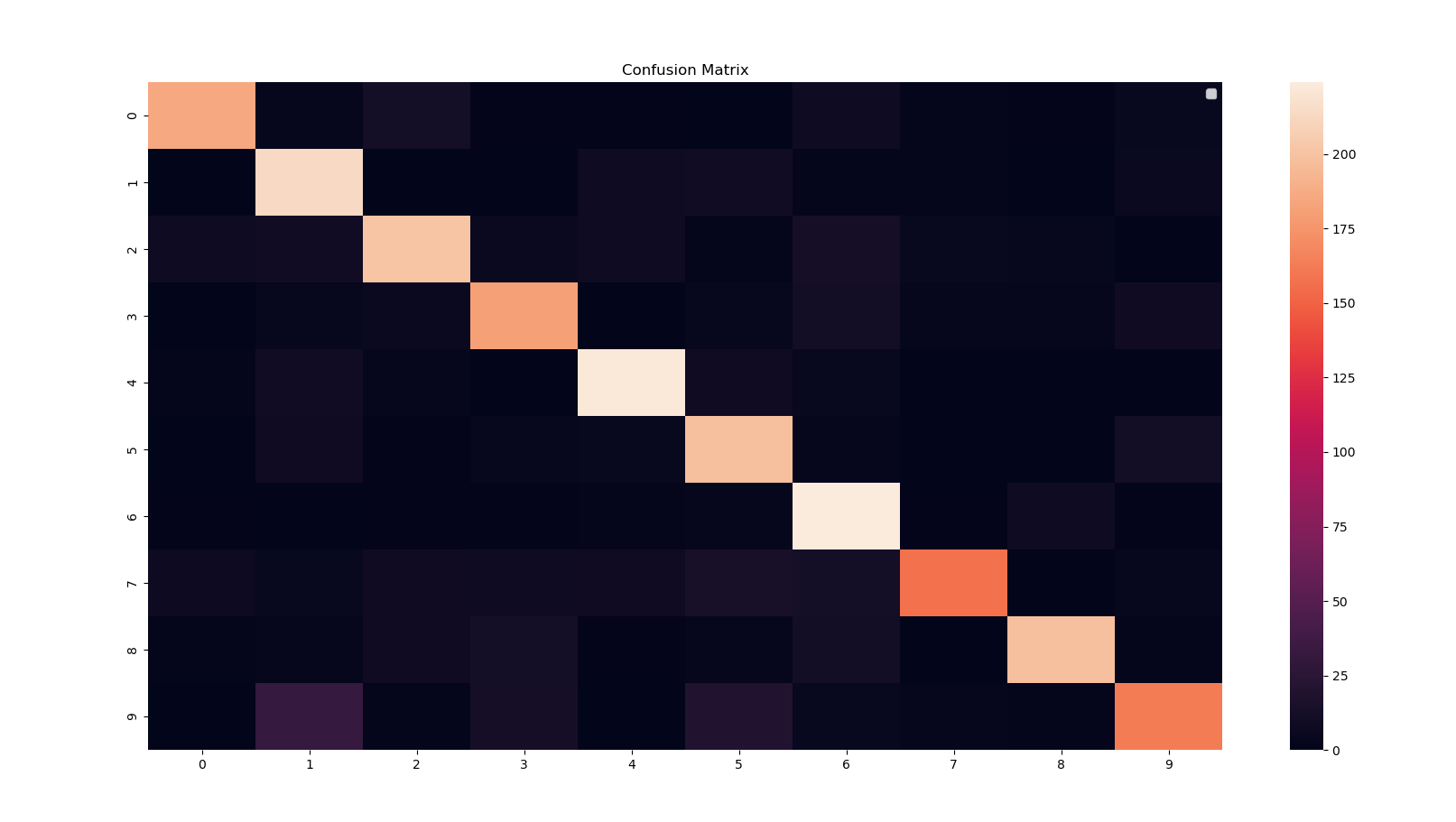


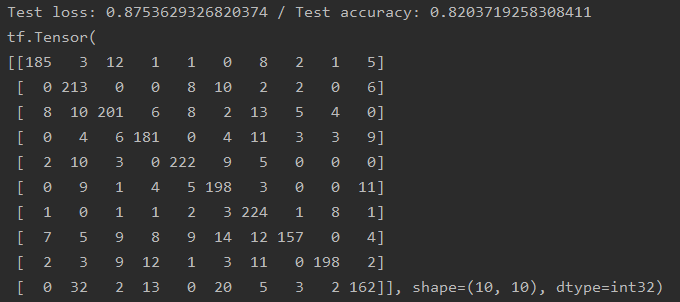
**Training a constrained more complex model: model\_NoDropout\_moreLayers.h5**

**Batch = 256**

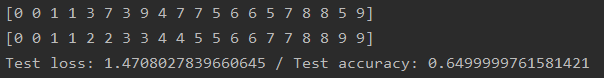








For recordings of my voice:



Lipchitz constant:

