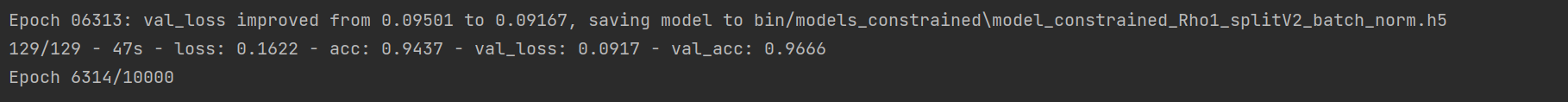
The MFCCs were extracted for 1 second of audio, with a n\_fft = 441 (20ms \* 22050 samples/sec), and a window hop of 220 (almost 50%).

Constrained model with rho = 1: model\_constrained\_Rho1\_splitV2\_batch\_norm.h5

Text

Description automatically generated

The model that was last saved:



The Lipschitz constant computed with batch norm in mind (see GitHub repo for Speaker Recognition in extract\_features\_construct\_dataset.py, function get\_lipschitz\_constrained):





Unconstrained model: baseline\_splitV2.h5

A screenshot of a computer

Description automatically generated with medium confidence





Results:

Chart

Description automatically generated with medium confidence

Chart

Description automatically generated

Line chart

Description automatically generated with medium confidence

Chart

Description automatically generated

Simple white noise added on top of MFCCs:Chart, line chart

Description automatically generated

White noise mixture on top of MFCCs:

Chart, line chart

Description automatically generated

TODO: implementat atacuri de tip black box pe audio.