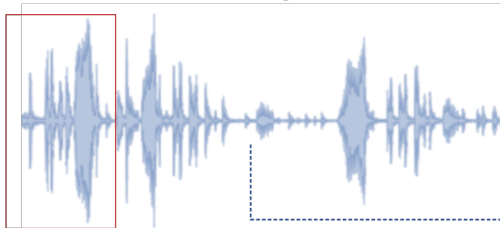


## Audio Sample



Spectrogram

C1  
C2  
C3  
.  
.  
.  
.  
C110

Features Vector  
Shape: (,110)

Dense 3

Dense 4

512

Dropouts (50%) +  
BatchNormalization

Concatenate

Output

50

Input

Conv1

Conv2

Conv3-4-5

Dense1

Dense2

Pool1

Pool2

Pool3

3 @ (2,4)

3 @ (2,2)

3 @ (2,2)

128 @ 5 x 5

(3x)  
256 @ 3 x 3

256

256

Dropouts (50%)

(300, 600, 4)

64 @ 11 x 11  
Strides: (2,4)

- Convolutional / Dense Layer
- PReLU activation function
- Max Pooling Layer
- Softmax activation function