Histograms of MSE's at 50 Hz

Input: Sample of Shanghai crowd videos, 108 avi's, 5 sec, originally recorded at 50 Hz, divided into

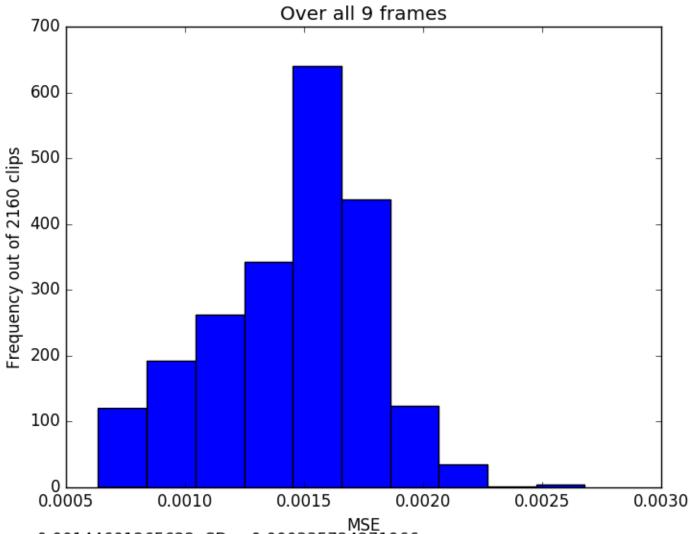
20 clips per avi, 10 frames per clip

Model: pretrained prednet model

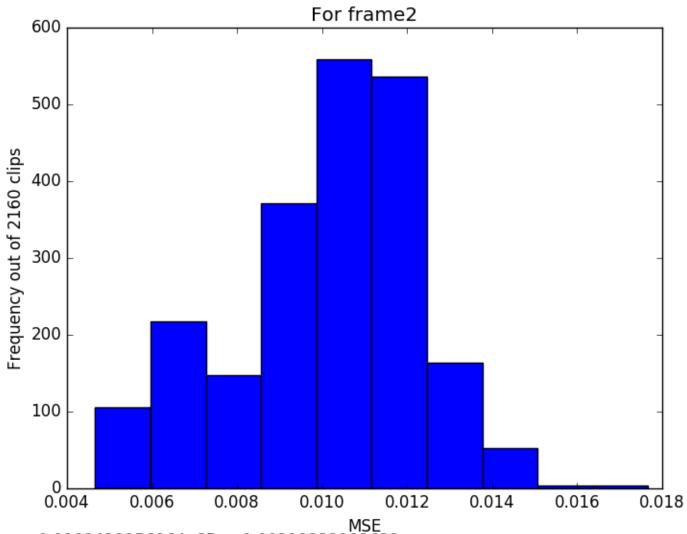
Overall: distribution of mean MSE's for each clip, averaged over frame

Followed distribution of MSE's for each frame

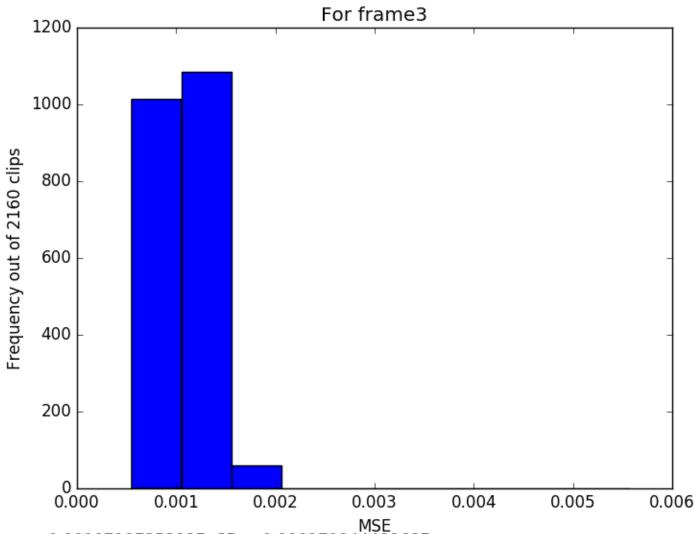
Please note: the scales for the x-axes (MSE's) are not matched to keep the histogram bins approximately equivalent



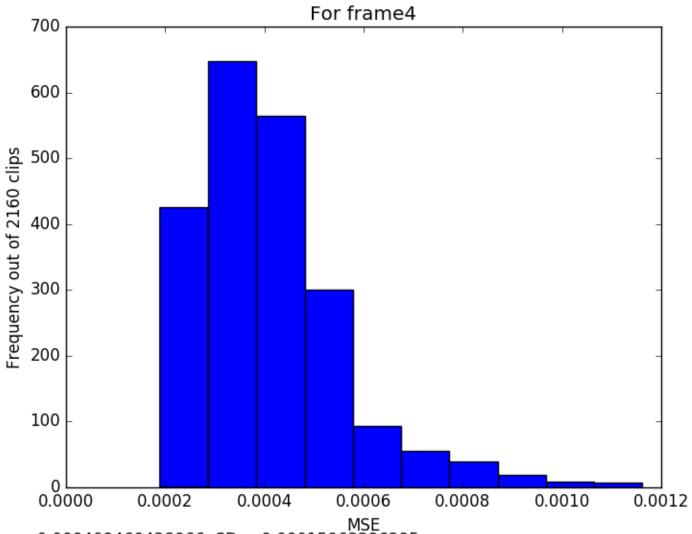
 $\begin{array}{l} \text{MSE} \\ \text{Mean} = 0.00144601265622. \, \text{SD} = 0.000335724271966 \end{array}$ 



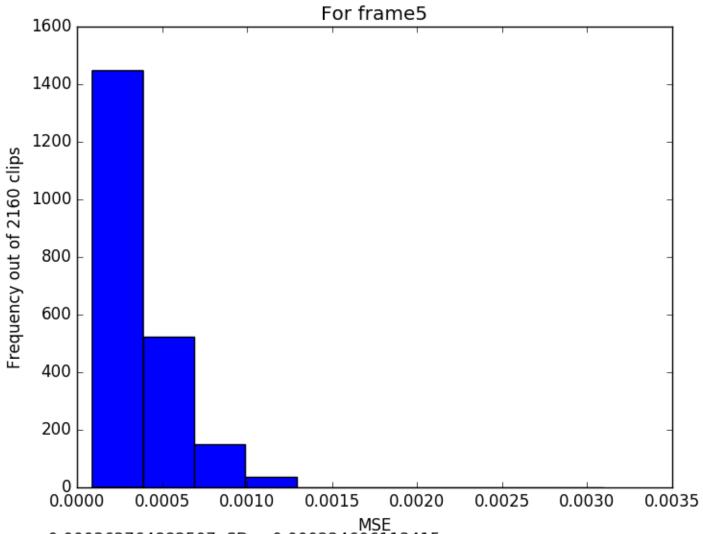
MSE Mean = 0.0101429156964. SD = 0.00219232193622



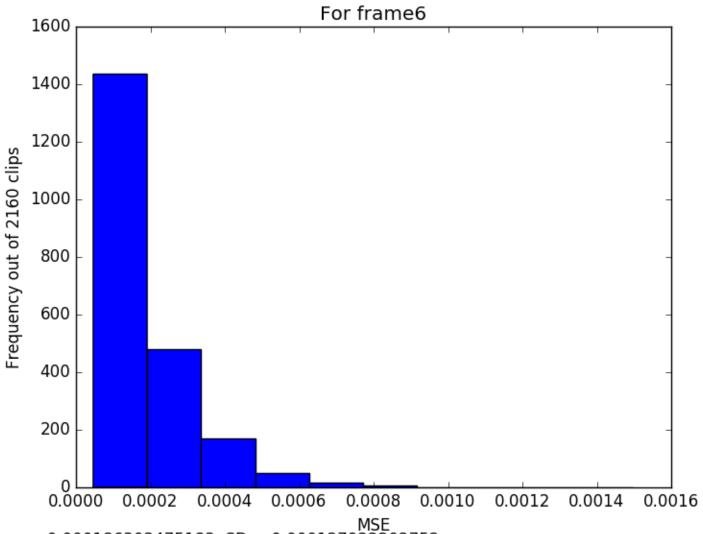
 $\begin{array}{l} \text{MSE} \\ \text{Mean} = 0.00107197353937. \ \text{SD} = 0.000279844488687 \end{array}$ 



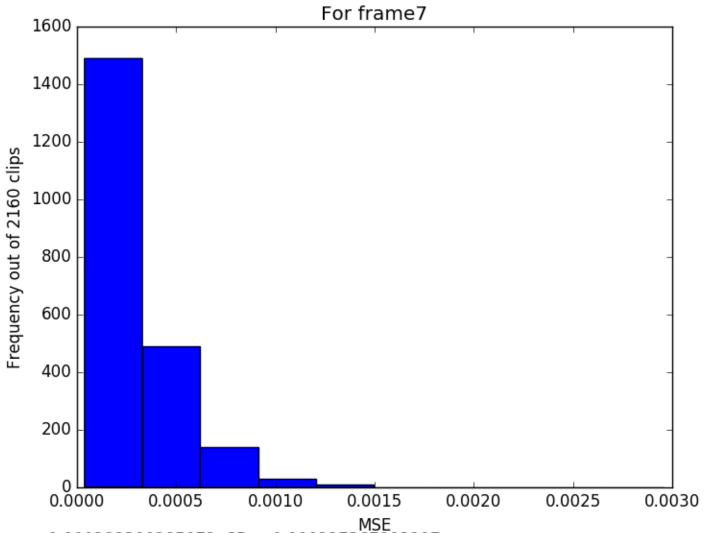
 $\begin{array}{l} \text{MSE} \\ \text{Mean} = 0.000409460428066. \, SD = 0.00015063296295 \end{array}$ 



 $\begin{array}{c} \text{MSE} \\ \text{Mean} = 0.000362764882507. \ \text{SD} = 0.000224606113415 \end{array}$ 



MSE Mean = 0.000186303475183. SD = 0.000127922202752



 $\begin{array}{c} \text{MSE} \\ \text{Mean} = 0.000289300285072. \ \text{SD} = 0.000227367903297 \end{array}$ 

