Progress Report

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Progress

- Voice Recording on Device 3
- Detail Test with different algorithms

Test Cases

- 16-Centroid Centroid match algorithm (15/16)
- 16-Centroid Pixel matching algorithm (95%)
- 8-Centroid Centroid matching algorithm (8/8)
- 32-Centroid Centroid matching algorithm (Valid Centroid -1/Valid Centroid)
- 16-Centroid frame matching algorithm (96%)

Test Result

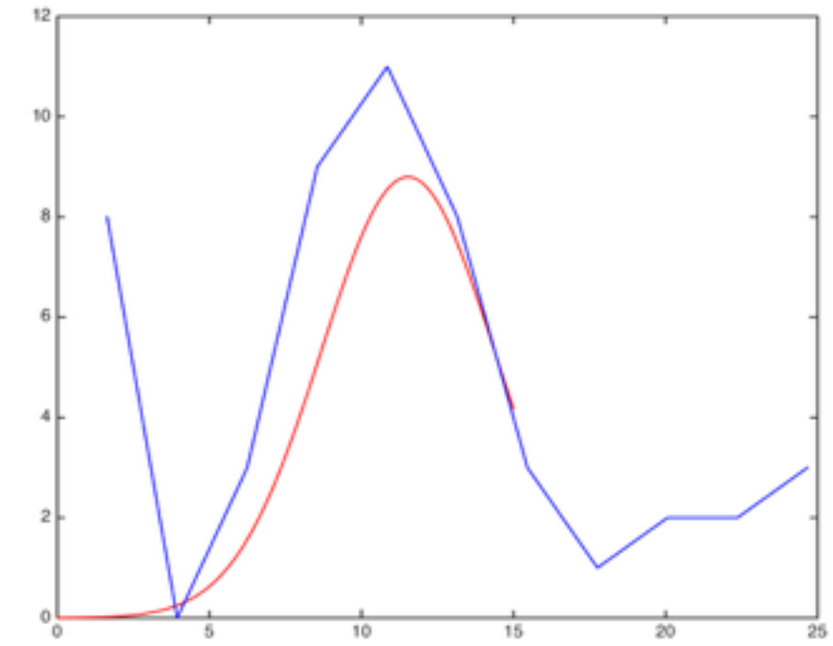
- Compare to Device1&Device2, Device2&Device3 is more difficult to tell apart.

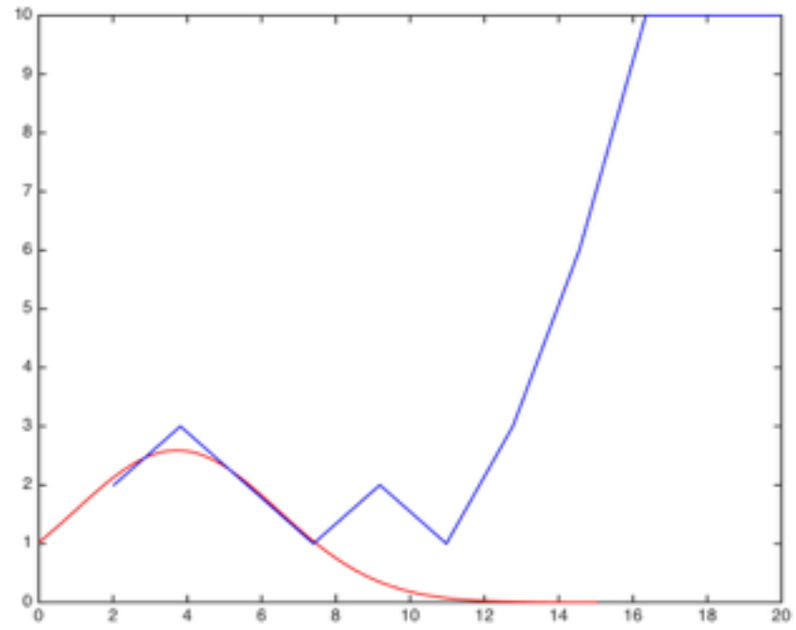
	Worst False Positive	Worst False Negative
Device1&Device2	12%	11%
Device2&Device3	37%	24%

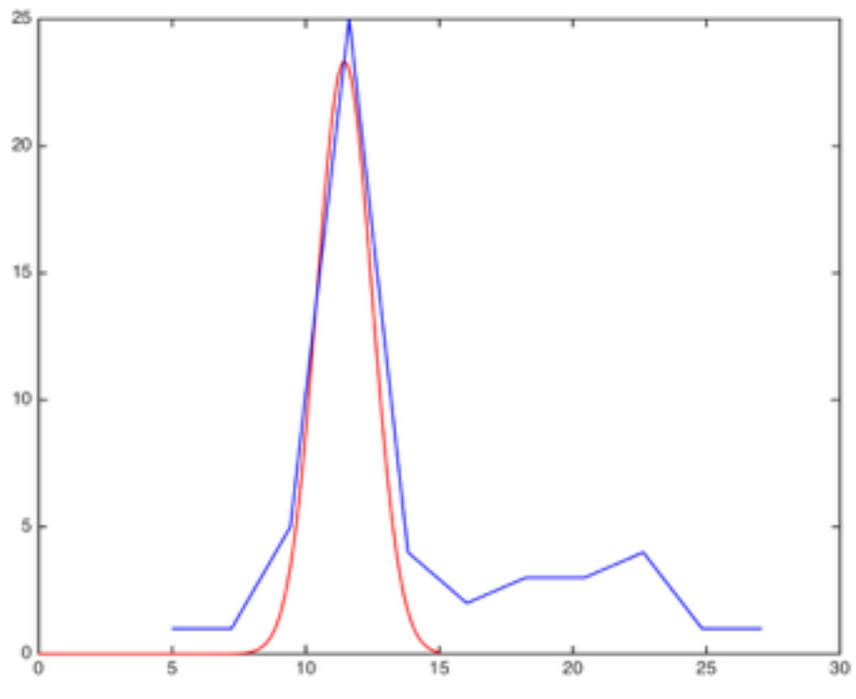
Test Result

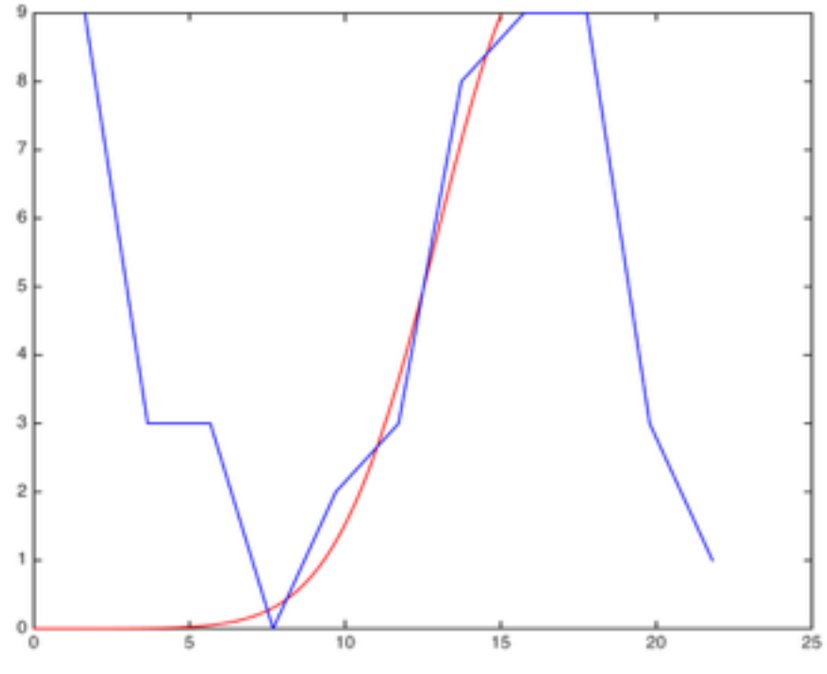
Device2 &Device3	Worst False Positive	Worst False Negative	Stability
16-Centroid	37%	24%	Mediam
8-Centroid	95%	35%	Low
32-Centroid	93%	33%	Low
16-Pixel	24%	25%	High
16-Frame	40%	30%	Mediam

Inappropriate Gaussian Fit

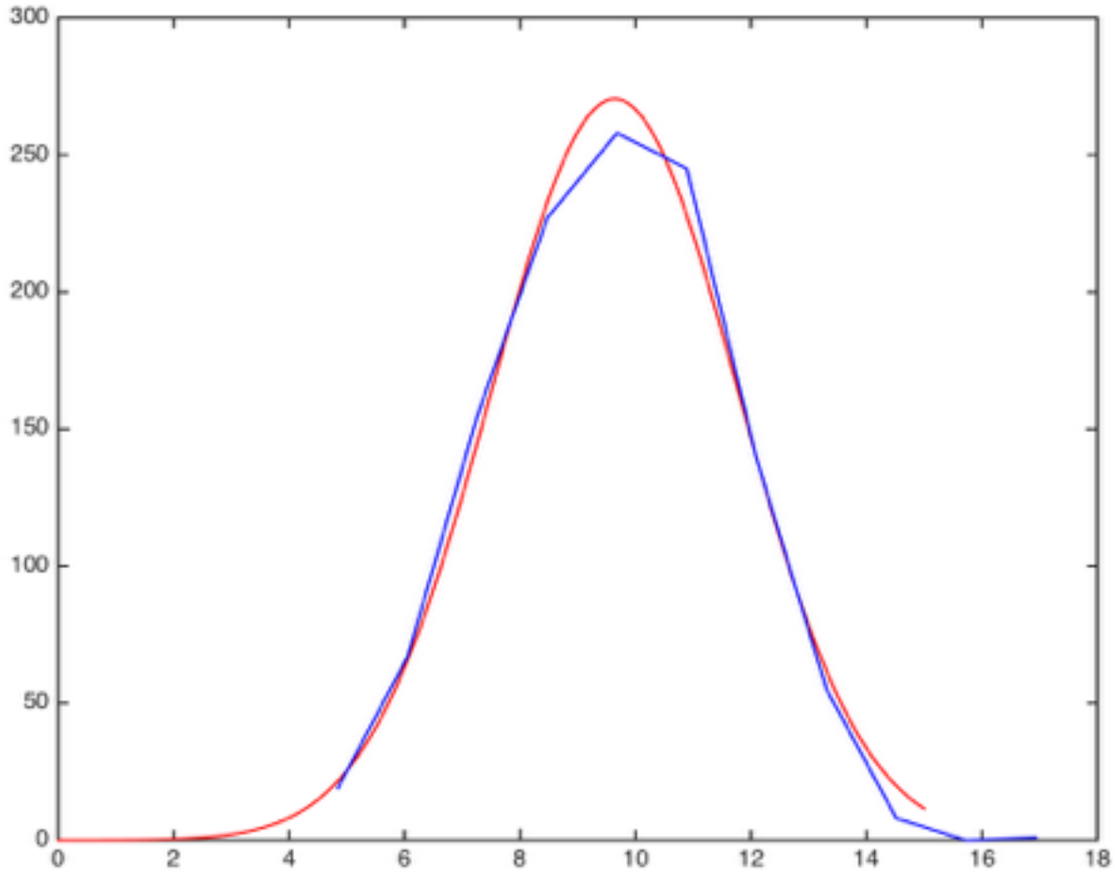


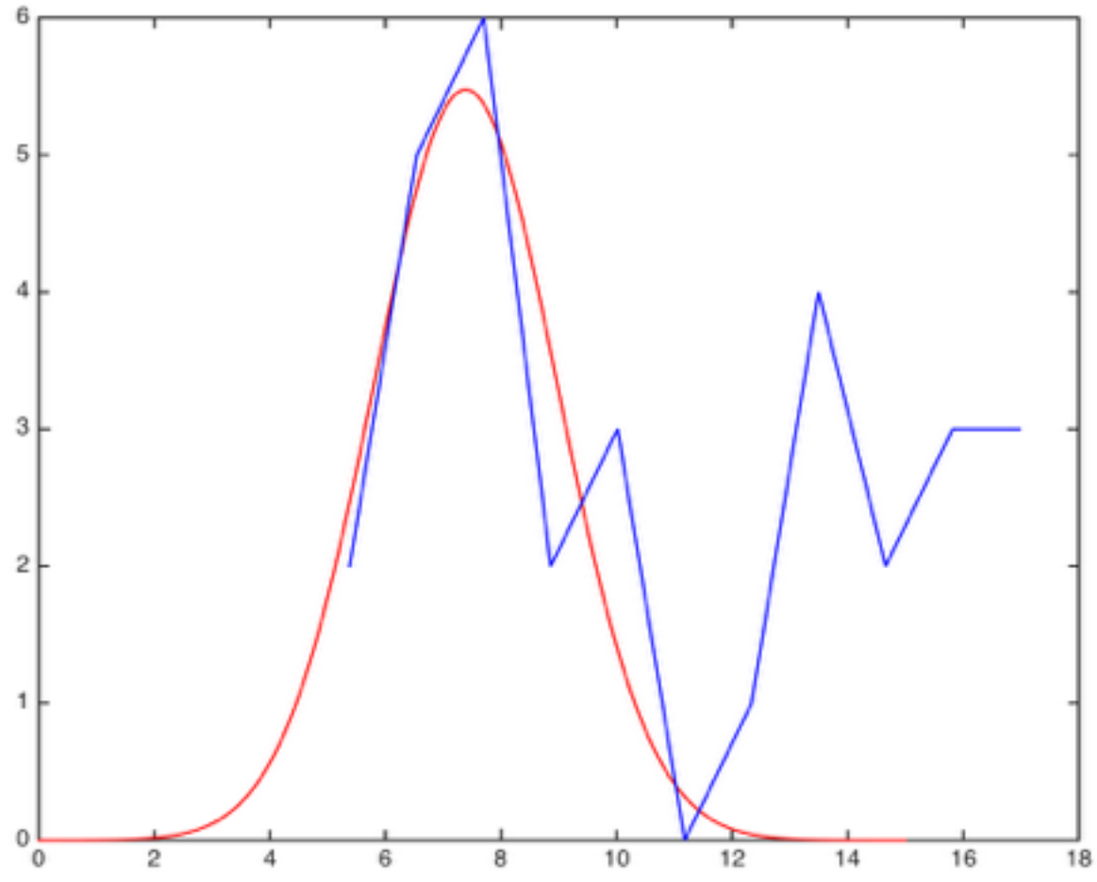






Frame Matching Fit





Questions?