**RNN Testing**

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| --- | --- | --- |
| **Feature (All Softmax Activation )** | **Validation Accuracy** | **Test Accuracy (Best)** |
| Sampled Formants (4410 Hz) | 0.61538 | 0.63636 |
| MFCC | 0.63636 | 0.61538 |
| Sampled Raw Audio whose windowed energy exceeds Threshold | 0.40909 | 0.45454 |

|  |  |  |
| --- | --- | --- |
| **Activation Function (MFCC + Formants)** | **Validation Accuracy** | **Test Accuracy (Best)** |
| Sigmoid | 0.5 | 0.80769 |
| SoftMax | 0.36364 | 0.76923 |
| ReLU | 0.63636 | 0. 63636 |

**CNN Testing**

|  |  |  |
| --- | --- | --- |
| **Activation Function (MFCC + Formants)** | **Validation Accuracy** | **Test Accuracy (Best)** |
| Sigmoid | 0.45454 | 0.38461 |
| SoftMax | 0.36364 | 0.34615 |
| ReLU | 0.5 | 0.48077 |