|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **STFT** | **MIR** | **MFCC** | **WaveNet** |
| **Kmeans++** | 0.214 | 0.140 | 0.175 | 0.272 |
| **Random** | **0.246** | **0.150** | **0.192** | **0.278** |
| **PCA-based** | 0.195 | 0.103 | 0.178 | 0.249 |

|  |  |  |  |
| --- | --- | --- | --- |
|  | **PCA** | **TSNE** | **UMAP** |
| **STFT** | **0.115** | **0.053** | -0.089 |
| **MFCC** | -0.010 | 0.034 | -0.048 |
| **MIR** | -0.035 | -0.062 | **0.124** |
| **WaveNet** | -0.102 | -0.065 | 0.059 |

|  |  |  |  |
| --- | --- | --- | --- |
|  | **PCA** | **TSNE** | **UMAP** |
| **STFT** | **0.115** | **0.053** | --- |
| **MFCC** | -0.010 | 0.034 | --- |
| **MIR** | -0.035 | -0.062 | --- |
| **WaveNet** | -0.102 | -0.065 | --- |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **PCA** | | **TSNE** | | **UMAP** | |
|  | *Roundness* | *Overlap* | *Roundness* | *Overlap* | *Roundness* | *Overlap* |
| **STFT** | 0.674 | **0.275** | 0.823 | **0.240** | **0.834** | 0.183 |
| **MFCC** | 0.689 | 0.235 | 0.827 | 0.195 | 0.789 | 0.205 |
| **MIR** | **0.904** | 0.182 | **0.861** | 0.177 | 0.786 | 0.243 |
| **WaveNet** | 0.696 | 0.209 | 0.838 | 0.240 | 0.796 | **0.258** |