

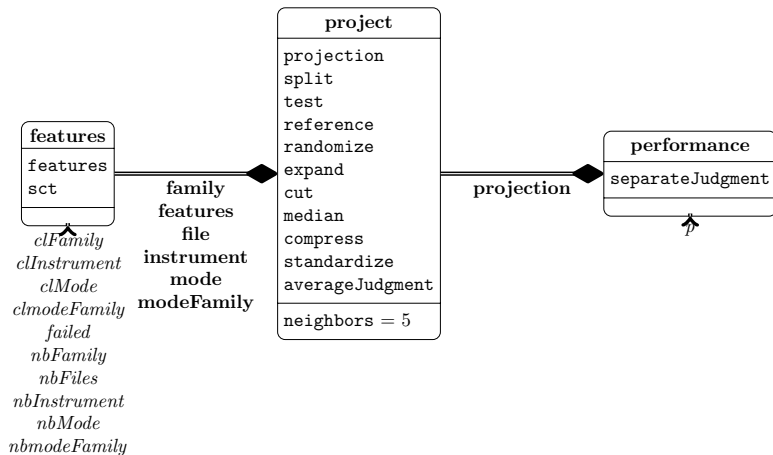
timbralSimilaritySolDebugSlides

Mathieu Lagrange

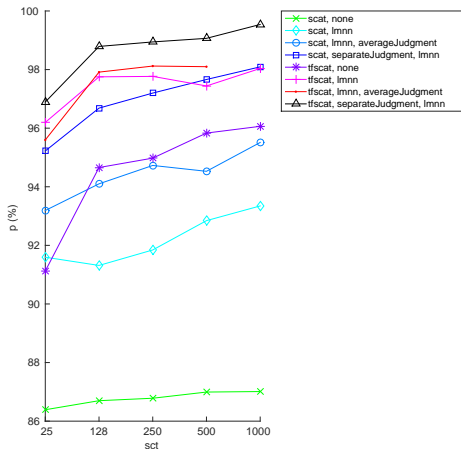
January 18, 2019

This is the report to document the expLanes project
timbralSimilaritySol using L^AT_EX.

Factors flow graph



split: none, reference: judgments, randomize: 0, median: 1, compress: 1,
standardize: 1



split: none, reference: judgments, randomize: 0, expand:
0, cut: 1, median: 1, compress: 1, standardize: 1

| fea | sepjud | pro | avejud | 25 | 128 | 250 | 500 | 1000 |
|--------|--------|------|--------|--------------|--------------|--------------|--------------|--------------|
| mfcc | 0 | none | 0 | 85.07 | 85.07 | 85.07 | 85.07 | 85.07 |
| mfcc | 0 | lmnn | 0 | 86.31 | 86.31 | 86.31 | 86.31 | 86.31 |
| mfcc | 0 | lmnn | 1 | 86.50 | 86.50 | 86.50 | 86.50 | 86.50 |
| mfcc | 1 | lmnn | 0 | 86.18 | 86.18 | 86.18 | 86.18 | 86.18 |
| mfcc | 1 | lda | 1 | 83.89 | 83.89 | 83.89 | 83.89 | 83.89 |
| scat | 0 | none | 0 | 86.39 | 86.70 | 86.78 | 86.99 | 87.01 |
| scat | 0 | lmnn | 0 | 91.60 | 91.31 | 91.84 | 92.84 | 93.35 |
| scat | 0 | lmnn | 1 | 93.19 | 94.10 | 94.73 | 94.53 | 95.51 |
| scat | 1 | lmnn | 0 | 95.22 | 96.68 | 97.20 | 97.66 | 98.09 |
| scat | 1 | lda | 1 | 82.40 | 83.05 | 82.60 | 82.37 | 81.84 |
| tfscat | 0 | none | 0 | 91.12 | 94.66 | 94.98 | 95.83 | 96.06 |
| tfscat | 0 | lmnn | 0 | 96.20 | 97.75 | 97.77 | 97.44 | 98.04 |
| tfscat | 0 | lmnn | 1 | 95.60 | 97.91 | 98.12 | 98.10 | - |
| tfscat | 1 | lmnn | 0 | 96.89 | 98.79 | 98.94 | 99.07 | 99.54 |