

## ass\_clustering\_features

<userName>

June 29, 2016

clustering_nbc	similarity_nn	pa3	pa4	pa5	pa6	pa7	pa8	pa9
10	0.02	0.66	0.58	0.53	0.48	0.43	0.41	0.39
10	0.04	0.67	0.59	0.53	0.48	0.43	0.41	0.39
10	0.08	0.67	0.60	0.52	0.47	0.44	0.41	0.39
10	0.10	0.67	0.59	0.53	0.48	0.44	0.41	0.39
20	0.02	0.67	0.58	0.54	0.48	0.44	0.40	0.39
20	0.04	0.68	0.60	0.53	0.48	0.44	0.41	0.39
20	0.08	0.68	0.60	0.53	0.48	0.44	0.41	0.39
20	0.10	0.68	0.59	0.52	0.48	0.44	0.42	0.38
30	0.02	0.67	0.59	0.53	0.48	0.43	0.40	0.39
30	0.04	0.68	0.60	0.53	0.48	0.43	0.41	0.39
30	0.08	0.68	0.60	0.53	0.48	0.44	0.42	0.39
30	0.10	0.68	0.60	0.53	0.48	0.44	0.42	0.39
40	0.02	0.67	0.58	0.53	0.48	0.43	0.40	0.39
40	0.04	0.67	0.60	0.53	0.47	0.43	0.41	0.39
40	0.08	0.68	0.59	0.53	0.48	0.43	0.41	0.39
40	0.10	0.68	0.59	0.52	0.48	0.44	0.42	0.39

Table 1: dataset: test, features: mfcc, framing\_short: 0,025\_0,05, freqRange: 27,5\_22050, mfccRank: 13, mfccCoefo: 0, pooling: 0.25, ftrsNorm1: null, ftrsNorm2: null, ftrsSel: null, clustering\_dist: sqeuclidean, cluster\_sel: null, similarity: gaussian\_full, similarity\_thresh: 1, similarity\_dist: emd

clustering_nbc	similarity_nn	pa3	pa4	pa5	pa6	pa7	pa8	pa9
10	0.02	0.64	0.57	0.51	0.47	0.43	0.41	0.38
10	0.04	0.63	0.57	0.52	0.47	0.44	0.42	0.39
10	0.08	0.62	0.56	0.50	0.46	0.44	0.41	0.39
10	0.10	0.61	0.56	0.50	0.46	0.44	0.42	0.39
20	0.02	0.65	0.57	0.51	0.46	0.43	0.40	0.38
20	0.04	0.64	0.56	0.51	0.47	0.43	0.41	0.39
20	0.08	0.62	0.56	0.50	0.47	0.44	0.41	0.39
20	0.10	0.61	0.55	0.50	0.47	0.44	0.41	0.39
30	0.02	0.65	0.57	0.51	0.47	0.44	0.41	0.38
30	0.04	0.64	0.57	0.51	0.47	0.44	0.42	0.40
30	0.08	0.64	0.56	0.51	0.47	0.43	0.41	0.38
30	0.10	0.63	0.56	0.51	0.46	0.43	0.41	0.39
40	0.02	0.64	0.57	0.52	0.48	0.44	0.41	0.39
40	0.04	0.64	0.56	0.51	0.47	0.44	0.42	0.40
40	0.08	0.63	0.56	0.50	0.47	0.43	0.42	0.40
40	0.10	0.62	0.55	0.51	0.47	0.44	0.42	0.40

Table 2: dataset: test, features: mfcc, framing\_short: 0,025\_0,05, freqRange: 27,5\_22050, mfccRank: 13, mfccCoefo: 0, pooling: 0.25, ftrsNorm1: null, ftrsNorm2: null, ftrsSel: null, clustering\_dist: sqeuclidean, cluster\_sel: null, similarity: gaussian\_full, similarity\_thresh: 1, similarity\_dist: average

clustering_nbc	similarity_nn	pa3	pa4	pa5	pa6	pa7	pa8	pa9
10	0.02	0.62	0.52	0.46	0.42	0.41	0.38	0.35
10	0.04	0.62	0.53	0.47	0.43	0.41	0.38	0.35
10	0.08	0.62	0.52	0.47	0.44	0.41	0.38	0.36
10	0.10	0.62	0.52	0.47	0.44	0.41	0.38	0.36
20	0.02	0.59	0.53	0.47	0.43	0.40	0.38	0.35
20	0.04	0.60	0.52	0.47	0.43	0.40	0.38	0.35
20	0.08	0.61	0.53	0.48	0.43	0.41	0.37	0.35
20	0.10	0.61	0.53	0.48	0.44	0.41	0.38	0.35
30	0.02	0.60	0.51	0.46	0.42	0.39	0.36	0.35
30	0.04	0.60	0.51	0.47	0.44	0.40	0.37	0.35
30	0.08	0.58	0.52	0.47	0.44	0.41	0.37	0.34
30	0.10	0.59	0.52	0.47	0.44	0.41	0.37	0.34
40	0.02	0.61	0.52	0.47	0.42	0.40	0.37	0.35
40	0.04	0.61	0.53	0.47	0.43	0.40	0.38	0.36
40	0.08	0.62	0.53	0.48	0.44	0.41	0.38	0.36
40	0.10	0.62	0.54	0.48	0.44	0.41	0.38	0.36

Table 3: dataset: test, features: mfcc, framing\_short: 0,025\_0,05, freqRange: 27,5\_22050, mfccRank: 13, mfccCoefo: 0, pooling: 0.25, ftrsNorm1: null, ftrsNorm2: null, ftrsSel: null, clustering\_dist: sqeuclidean, cluster\_sel: null, similarity: gaussian\_full, similarity\_thresh: 1, similarity\_dist: closest

clustering_nbc	similarity_nn	Ac1	Ac2	Ac3	Ac4	Ac5	Ac6	Ac7	Ac8
10	0.02	0.58±0.08	0.55±0.06	0.57±0.11	0.55±0.08	0.56±0.11	0.55±0.10	0.54±0.09	0.53±0.10
10	0.04	0.57±0.06	0.57±0.04	0.58±0.09	0.55±0.08	0.57±0.11	0.53±0.10	0.51±0.10	0.50±0.08
10	0.08	0.55±0.08	0.58±0.06	0.57±0.12	0.57±0.09	0.56±0.11	0.49±0.11	0.49±0.09	0.51±0.08
10	0.10	0.55±0.08	0.58±0.06	0.57±0.12	0.57±0.09	0.56±0.11	0.49±0.11	0.50±0.10	0.51±0.08
20	0.02	0.56±0.08	0.58±0.06	0.56±0.10	0.55±0.08	0.57±0.08	0.57±0.10	0.55±0.07	0.56±0.08
20	0.04	0.58±0.08	0.58±0.06	0.57±0.09	0.55±0.07	0.56±0.10	0.54±0.09	0.52±0.11	0.54±0.09
20	0.08	0.55±0.05	0.58±0.06	0.57±0.12	0.56±0.09	0.56±0.10	0.51±0.10	0.52±0.11	0.52±0.08
20	0.10	0.55±0.05	0.57±0.08	0.57±0.12	0.56±0.09	0.57±0.11	0.51±0.10	0.52±0.11	0.53±0.08
30	0.02	0.57±0.08	0.57±0.04	0.57±0.09	0.54±0.10	0.57±0.08	0.60±0.10	0.57±0.07	0.57±0.10
30	0.04	0.58±0.08	0.58±0.06	0.57±0.09	0.56±0.07	0.57±0.11	0.54±0.09	0.52±0.11	0.55±0.10
30	0.08	0.56±0.07	0.58±0.06	0.57±0.12	0.57±0.09	0.57±0.11	0.50±0.09	0.53±0.12	0.52±0.09
30	0.10	0.56±0.07	0.57±0.08	0.57±0.12	0.57±0.09	0.57±0.11	0.50±0.09	0.52±0.11	0.52±0.09
40	0.02	0.57±0.08	0.58±0.06	0.57±0.09	0.55±0.09	0.57±0.08	0.59±0.11	0.57±0.07	0.58±0.10
40	0.04	0.57±0.08	0.58±0.06	0.57±0.09	0.56±0.07	0.57±0.11	0.55±0.10	0.53±0.10	0.55±0.10
40	0.08	0.56±0.07	0.58±0.06	0.57±0.12	0.57±0.09	0.56±0.11	0.49±0.11	0.52±0.11	0.52±0.09
40	0.10	0.56±0.07	0.57±0.08	0.57±0.12	0.57±0.09	0.57±0.09	0.50±0.09	0.52±0.11	0.52±0.09

Table 4: dataset: test, features: mfcc, framing\_short: 0,025\_0,05, freqRange: 27,5\_22050, mfccRank: 13, mfccCoefo: 0, pooling: 0.25, ftrsNorm1: null, ftrsNorm2: null, ftrsSel: null, clustering\_dist: sqeuclidean, cluster\_sel: null, similarity: gaussian\_full, similarity\_thresh: 1, similarity\_dist: emd

clustering_nbc	similarity_nn	Ac1	Ac2	Ac3	Ac4	Ac5	Ac6	Ac7	Ac8
10	0.02	0.49±0.13	0.54±0.05	0.53±0.08	0.53±0.09	0.53±0.11	0.52±0.09	0.49±0.07	0.52±0.04
10	0.04	0.46±0.10	0.53±0.04	0.55±0.07	0.53±0.08	0.54±0.13	0.50±0.11	0.50±0.08	0.54±0.08
10	0.08	0.46±0.07	0.53±0.04	0.55±0.07	0.51±0.07	0.52±0.12	0.51±0.10	0.50±0.10	0.54±0.08
10	0.10	0.46±0.07	0.54±0.05	0.55±0.07	0.51±0.07	0.49±0.15	0.52±0.12	0.51±0.10	0.54±0.08
20	0.02	0.49±0.04	0.54±0.05	0.55±0.11	0.53±0.09	0.54±0.07	0.51±0.08	0.52±0.09	0.55±0.07
20	0.04	0.49±0.04	0.52±0.04	0.54±0.10	0.51±0.09	0.54±0.11	0.51±0.08	0.50±0.09	0.54±0.07
20	0.08	0.48±0.06	0.52±0.06	0.54±0.10	0.51±0.09	0.52±0.10	0.50±0.09	0.48±0.10	0.50±0.05
20	0.10	0.44±0.09	0.52±0.06	0.53±0.08	0.51±0.09	0.53±0.09	0.49±0.07	0.47±0.08	0.50±0.05
30	0.02	0.52±0.04	0.52±0.08	0.55±0.11	0.53±0.09	0.54±0.07	0.55±0.07	0.50±0.10	0.53±0.08
30	0.04	0.51±0.02	0.53±0.07	0.56±0.10	0.51±0.10	0.54±0.11	0.52±0.08	0.50±0.10	0.52±0.09
30	0.08	0.48±0.06	0.53±0.06	0.58±0.10	0.51±0.10	0.51±0.10	0.52±0.10	0.50±0.09	0.48±0.06
30	0.10	0.47±0.07	0.53±0.06	0.57±0.10	0.50±0.11	0.50±0.10	0.50±0.09	0.49±0.09	0.48±0.06
40	0.02	0.52±0.06	0.54±0.07	0.55±0.09	0.53±0.08	0.54±0.10	0.53±0.08	0.52±0.10	0.55±0.09
40	0.04	0.52±0.04	0.53±0.06	0.55±0.11	0.52±0.08	0.50±0.11	0.51±0.07	0.53±0.10	0.51±0.08
40	0.08	0.51±0.04	0.53±0.06	0.55±0.11	0.51±0.10	0.49±0.10	0.50±0.08	0.53±0.10	0.49±0.07
40	0.10	0.49±0.07	0.52±0.07	0.56±0.09	0.51±0.10	0.51±0.10	0.51±0.10	0.51±0.10	0.50±0.08

Table 5: dataset: test, features: mfcc, framing\_short: 0,025\_0,05, freqRange: 27,5\_22050, mfccRank: 13, mfccCoefo: 0, pooling: 0.25, ftrsNorm1: null, ftrsNorm2: null, ftrsSel: null, clustering\_dist: sqeuclidean, cluster\_sel: null, similarity: gaussian\_full, similarity\_thresh: 1, similarity\_dist: average

clustering_nbc	similarity_nn	Ac1	Ac2	Ac3	Ac4	Ac5	Ac6	Ac7	Ac8
10	0.02	0.52±0.12	0.51±0.08	0.56±0.11	0.51±0.04	0.50±0.04	0.50±0.05	0.51±0.09	0.55±0.09
10	0.04	0.54±0.09	0.51±0.08	0.56±0.07	0.53±0.06	0.54±0.08	0.51±0.08	0.53±0.09	0.56±0.07
10	0.08	0.52±0.09	0.51±0.07	0.54±0.07	0.50±0.08	0.53±0.08	0.55±0.08	0.55±0.09	0.55±0.09
10	0.10	0.50±0.09	0.52±0.07	0.53±0.08	0.57±0.06	0.50±0.08	0.53±0.08	0.56±0.08	0.55±0.09
20	0.02	0.47±0.06	0.52±0.09	0.56±0.07	0.52±0.08	0.57±0.04	0.57±0.04	0.59±0.10	0.59±0.04
20	0.04	0.46±0.07	0.54±0.10	0.53±0.04	0.54±0.08	0.55±0.06	0.59±0.07	0.59±0.11	0.64±0.14
20	0.08	0.47±0.06	0.51±0.07	0.55±0.05	0.53±0.08	0.55±0.07	0.60±0.05	0.59±0.11	0.61±0.18
20	0.10	0.48±0.06	0.50±0.07	0.54±0.04	0.52±0.09	0.57±0.06	0.60±0.05	0.59±0.11	0.61±0.16
30	0.02	0.48±0.13	0.50±0.08	0.52±0.10	0.53±0.10	0.54±0.05	0.53±0.07	0.57±0.10	0.55±0.07
30	0.04	0.47±0.08	0.49±0.10	0.55±0.09	0.56±0.11	0.52±0.08	0.53±0.07	0.53±0.09	0.56±0.09
30	0.08	0.45±0.12	0.48±0.09	0.55±0.11	0.57±0.10	0.54±0.09	0.52±0.09	0.53±0.10	0.57±0.14
30	0.10	0.45±0.12	0.49±0.10	0.54±0.11	0.56±0.11	0.53±0.10	0.52±0.12	0.53±0.10	0.59±0.13
40	0.02	0.47±0.06	0.48±0.06	0.51±0.09	0.53±0.12	0.53±0.10	0.53±0.08	0.51±0.07	0.51±0.11
40	0.04	0.49±0.07	0.51±0.07	0.51±0.09	0.55±0.10	0.51±0.10	0.55±0.10	0.53±0.12	0.52±0.10
40	0.08	0.45±0.09	0.52±0.06	0.54±0.07	0.55±0.10	0.52±0.08	0.55±0.10	0.52±0.14	0.52±0.08
40	0.10	0.45±0.09	0.52±0.08	0.54±0.07	0.54±0.09	0.53±0.08	0.55±0.10	0.51±0.14	0.51±0.07

Table 6: dataset: test, features: mfcc, framing\_short: 0,025\_0,05, freqRange: 27,5\_22050, mfccRank: 13, mfccCoefo: 0, pooling: 0.25, ftrsNorm1: null, ftrsNorm2: null, ftrsSel: null, clustering\_dist: sqeuclidean, cluster\_sel: null, similarity: gaussian\_full, similarity\_thresh: 1, similarity\_dist: closest

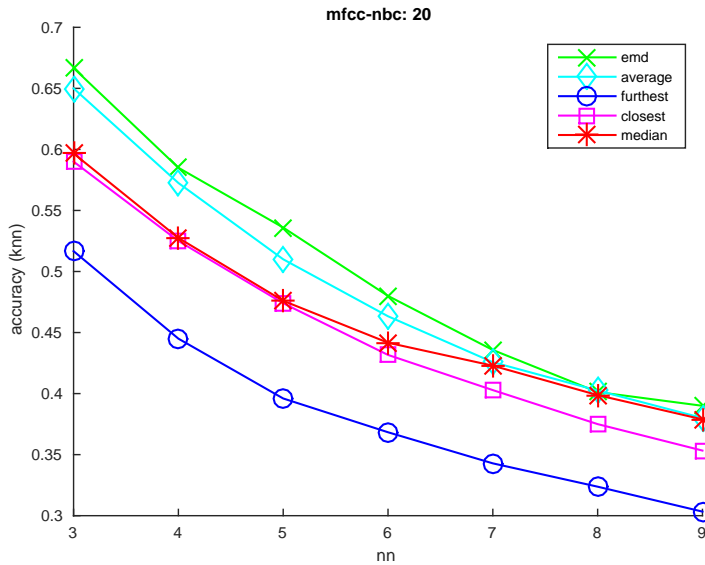


Figure 1: dataset: test, features: mfcc, framing\_short: 0,025\_0,05, freqRange: 27,5\_22050, mfccRank: 13, mfccCoefo: 0, pooling: 0.25, ftrsNorm1: null, ftrsNorm2: null, ftrsSel: null, clustering\_dist: sqeuclidean, cluster\_sel: null, similarity: gaussian\_full, similarity\_nn: 0.02, similarity\_thresh: 1

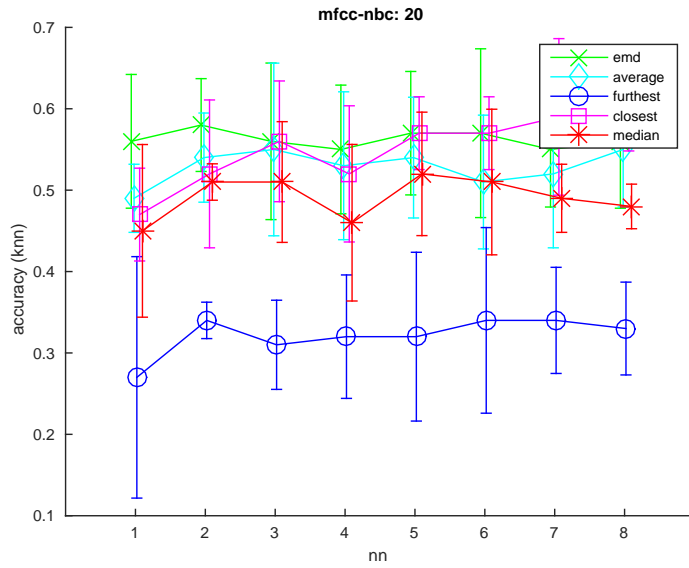


Figure 2: dataset: test, features: mfcc, framing\_short: 0,025\_0,05, freqRange: 27,5\_22050, mfccRank: 13, mfcc-Coefo: 0, pooling: 0.25, ftrsNorm1: null, ftrsNorm2: null, ftrsSel: null, clustering\_nbc: 20, clustering\_dist: sqeuclidean, cluster\_sel: null, similarity: gaussian\_full, similarity\_nn: 0.02, similarity\_thresh: 1

clustering_nbc	similarity_nn	pa3	pa4	pa5	pa6	pa7	pa8	pa9
10	0.02	0.74	0.68	0.65	0.60	0.57	0.54	0.51
10	0.04	0.74	0.67	0.64	0.60	0.57	0.54	0.51
10	0.08	0.75	0.68	0.63	0.59	0.57	0.54	0.51
10	0.10	0.75	0.67	0.63	0.59	0.57	0.54	0.51
20	0.02	0.74	0.68	0.64	0.60	0.57	0.54	0.51
20	0.04	0.74	0.68	0.63	0.60	0.56	0.53	0.50
20	0.08	0.75	0.67	0.63	0.59	0.56	0.53	0.51
20	0.10	0.74	0.68	0.63	0.59	0.56	0.53	0.50
30	0.02	0.74	0.67	0.63	0.60	0.56	0.54	0.51
30	0.04	0.74	0.68	0.63	0.59	0.56	0.53	0.51
30	0.08	0.74	0.67	0.63	0.59	0.56	0.53	0.50
30	0.10	0.74	0.67	0.63	0.59	0.56	0.53	0.50
40	0.02	0.73	0.67	0.63	0.59	0.56	0.54	0.50
40	0.04	0.74	0.68	0.63	0.60	0.56	0.53	0.51
40	0.08	0.74	0.67	0.63	0.59	0.56	0.53	0.50
40	0.10	0.74	0.67	0.63	0.59	0.56	0.53	0.50

Table 7: dataset: test, features: scatteringV, ftrsNorm1: null, ftrsNorm\_scatter\_log: 1, ftrsNorm\_scatter\_selection: 1, ftrsNorm\_scatter\_threshold: 0.01, ftrsSel: null, clustering\_dist: sqeuclidean, cluster\_sel: null, similarity: gaussian\_full, similarity\_thresh: 1, similarity\_dist: emd

clustering_nbc	similarity_nn	pa3	pa4	pa5	pa6	pa7	pa8	pa9
10	0.02	0.72	0.65	0.60	0.57	0.55	0.52	0.49
10	0.04	0.72	0.65	0.59	0.57	0.53	0.51	0.49
10	0.08	0.71	0.64	0.59	0.56	0.54	0.51	0.48
10	0.10	0.70	0.63	0.59	0.56	0.54	0.51	0.48
20	0.02	0.73	0.66	0.61	0.59	0.55	0.53	0.50
20	0.04	0.73	0.66	0.61	0.57	0.54	0.52	0.49
20	0.08	0.72	0.65	0.60	0.56	0.54	0.51	0.49
20	0.10	0.71	0.65	0.61	0.56	0.53	0.51	0.49
30	0.02	0.72	0.66	0.61	0.58	0.54	0.52	0.49
30	0.04	0.72	0.65	0.60	0.57	0.55	0.52	0.49
30	0.08	0.71	0.64	0.59	0.56	0.54	0.51	0.49
30	0.10	0.70	0.64	0.59	0.57	0.54	0.51	0.49
40	0.02	0.73	0.66	0.61	0.58	0.54	0.51	0.49
40	0.04	0.71	0.64	0.60	0.57	0.54	0.51	0.48
40	0.08	0.70	0.64	0.60	0.57	0.53	0.51	0.48
40	0.10	0.69	0.64	0.60	0.56	0.54	0.51	0.48

Table 8: dataset: test, features: scatteringV, ftrsNorm1: null, ftrsNorm\_scatter\_log: 1, ftrsNorm\_scatter\_selection: 1, ftrsNorm\_scatter\_threshold: 0.01, ftrsSel: null, clustering\_dist: sqeuclidean, cluster\_sel: null, similarity: gaussian\_full, similarity\_thresh: 1, similarity\_dist: average

clustering_nbc	similarity_nn	pa3	pa4	pa5	pa6	pa7	pa8	pa9
10	0.02	0.73	0.68	0.62	0.60	0.56	0.53	0.50
10	0.04	0.73	0.68	0.63	0.61	0.57	0.54	0.51
10	0.08	0.73	0.69	0.64	0.61	0.58	0.54	0.51
10	0.10	0.74	0.69	0.64	0.61	0.57	0.53	0.51
20	0.02	0.73	0.66	0.62	0.59	0.55	0.52	0.49
20	0.04	0.74	0.67	0.64	0.58	0.56	0.53	0.50
20	0.08	0.73	0.68	0.64	0.59	0.56	0.54	0.51
20	0.10	0.73	0.67	0.63	0.59	0.56	0.53	0.51
30	0.02	0.73	0.68	0.63	0.59	0.56	0.52	0.51
30	0.04	0.73	0.68	0.64	0.61	0.57	0.54	0.51
30	0.08	0.73	0.68	0.64	0.60	0.57	0.53	0.51
30	0.10	0.73	0.69	0.65	0.60	0.57	0.53	0.51
40	0.02	0.69	0.66	0.61	0.58	0.55	0.52	0.50
40	0.04	0.72	0.67	0.63	0.59	0.56	0.53	0.50
40	0.08	0.70	0.67	0.64	0.60	0.56	0.53	0.50
40	0.10	0.71	0.68	0.64	0.60	0.56	0.53	0.51

Table 9: dataset: test, features: scatteringV, ftrsNorm1: null, ftrsNorm\_scatter\_log: 1, ftrsNorm\_scatter\_selection: 1, ftrsNorm\_scatter\_threshold: 0.01, ftrsSel: null, clustering\_dist: sqeuclidean, cluster\_sel: null, similarity: gaussian\_full, similarity\_thresh: 1, similarity\_dist: closest

clustering_nbc	similarity_nn	Ac1	Ac2	Ac3	Ac4	Ac5	Ac6	Ac7	Ac8
10	0.02	<b>0.71±0.05</b>	0.65±0.05	0.65±0.04	0.70±0.08	0.68±0.03	<b>0.71±0.05</b>	0.69±0.07	0.68±0.09
10	0.04	0.70±0.06	0.62±0.08	0.66±0.04	0.69±0.09	0.69±0.07	0.68±0.07	0.69±0.07	0.65±0.09
10	0.08	0.70±0.09	0.63±0.08	0.65±0.06	0.68±0.10	<b>0.70±0.08</b>	0.64±0.02	<b>0.70±0.05</b>	0.65±0.11
10	0.10	<b>0.71±0.08</b>	0.63±0.08	0.65±0.06	0.68±0.10	0.69±0.11	0.64±0.04	<b>0.70±0.05</b>	0.65±0.08
20	0.02	0.70±0.06	0.62±0.06	<b>0.68±0.03</b>	<b>0.71±0.10</b>	0.68±0.06	0.69±0.07	0.68±0.06	<b>0.69±0.10</b>
20	0.04	0.69±0.07	0.62±0.08	0.67±0.04	0.68±0.14	0.68±0.06	0.66±0.09	0.68±0.06	0.66±0.08
20	0.08	0.70±0.09	0.64±0.07	0.64±0.07	0.70±0.12	0.67±0.09	0.63±0.06	<b>0.70±0.05</b>	0.66±0.08
20	0.10	0.70±0.09	<b>0.65±0.06</b>	0.64±0.07	0.66±0.12	0.67±0.09	0.63±0.08	0.69±0.04	0.66±0.08
30	0.02	0.70±0.06	0.63±0.06	0.67±0.03	0.68±0.08	0.68±0.06	0.69±0.07	0.69±0.07	0.67±0.08
30	0.04	0.69±0.07	0.64±0.07	0.66±0.04	0.69±0.12	0.68±0.06	0.66±0.07	0.69±0.07	0.64±0.07
30	0.08	0.70±0.09	0.64±0.07	0.64±0.07	0.69±0.11	0.67±0.09	0.64±0.04	<b>0.70±0.05</b>	0.64±0.08
30	0.10	0.70±0.09	<b>0.65±0.06</b>	0.64±0.07	0.68±0.10	0.68±0.08	0.63±0.06	0.69±0.04	0.65±0.07
40	0.02	0.69±0.07	0.60±0.05	0.67±0.03	0.68±0.12	0.68±0.06	0.69±0.07	0.68±0.06	0.67±0.08
40	0.04	0.68±0.08	0.63±0.04	0.66±0.04	0.70±0.13	0.67±0.08	0.66±0.07	0.68±0.06	0.65±0.07
40	0.08	0.69±0.07	0.64±0.04	0.64±0.07	0.69±0.11	0.67±0.09	0.64±0.04	<b>0.70±0.05</b>	0.65±0.07
40	0.10	0.69±0.07	0.64±0.04	0.64±0.07	0.68±0.10	0.68±0.08	0.64±0.07	0.69±0.04	0.65±0.07

Table 10: dataset: test, features: scatteringV, ftrsNorm1: null, ftrsNorm\_scat\_log: 1, ftrsNorm\_scat\_selection: 1, ftrsNorm\_scat\_threshold: 0.01, ftrsSel: null, clustering\_dist: sqeuclidean, cluster\_sel: null, similarity: gaussian\_full, similarity\_thresh: 1, similarity\_dist: emd

clustering_nbc	similarity_nn	Ac1	Ac2	Ac3	Ac4	Ac5	Ac6	Ac7	Ac8
10	0.02	0.68±0.13	0.59±0.09	0.67±0.08	0.65±0.12	0.67±0.08	0.65±0.05	0.65±0.05	0.65±0.05
10	0.04	0.66±0.10	0.60±0.06	0.64±0.08	0.63±0.09	0.63±0.10	0.62±0.08	0.65±0.05	0.63±0.03
10	0.08	0.65±0.08	0.61±0.07	0.61±0.12	0.62±0.07	0.60±0.10	0.59±0.10	0.63±0.08	0.63±0.06
10	0.10	0.63±0.10	0.60±0.06	0.60±0.14	0.61±0.05	0.60±0.10	0.60±0.10	0.60±0.08	0.64±0.07
20	0.02	0.71±0.07	0.62±0.06	0.67±0.07	0.61±0.10	0.65±0.05	0.65±0.04	0.65±0.05	0.63±0.06
20	0.04	0.68±0.08	0.65±0.08	0.66±0.05	0.62±0.10	0.63±0.07	0.62±0.06	0.66±0.07	0.63±0.06
20	0.08	0.63±0.10	0.64±0.08	0.66±0.10	0.61±0.07	0.61±0.07	0.61±0.04	0.64±0.04	0.65±0.06
20	0.10	0.63±0.10	0.64±0.08	0.65±0.08	0.61±0.07	0.61±0.07	0.58±0.04	0.63±0.04	0.65±0.06
30	0.02	0.70±0.06	0.61±0.07	0.67±0.08	0.65±0.06	0.62±0.04	0.65±0.04	0.58±0.10	0.62±0.07
30	0.04	0.66±0.07	0.63±0.09	0.65±0.08	0.64±0.04	0.64±0.04	0.60±0.05	0.61±0.02	0.62±0.04
30	0.08	0.64±0.07	0.63±0.09	0.63±0.06	0.60±0.08	0.61±0.07	0.62±0.06	0.61±0.04	0.63±0.06
30	0.10	0.63±0.08	0.63±0.09	0.64±0.04	0.62±0.08	0.61±0.07	0.63±0.07	0.61±0.04	0.62±0.06
40	0.02	0.69±0.10	0.60±0.06	0.65±0.06	0.64±0.07	0.65±0.04	0.65±0.04	0.65±0.05	0.66±0.04
40	0.04	0.66±0.09	0.61±0.08	0.65±0.07	0.63±0.06	0.64±0.04	0.60±0.06	0.62±0.04	0.63±0.07
40	0.08	0.63±0.08	0.60±0.09	0.61±0.07	0.63±0.04	0.59±0.11	0.56±0.04	0.59±0.04	0.60±0.04
40	0.10	0.64±0.07	0.60±0.09	0.61±0.11	0.62±0.06	0.59±0.12	0.61±0.09	0.60±0.04	0.62±0.04

Table 11: dataset: test, features: scatteringV, ftrsNorm1: null, ftrsNorm\_scatter\_log: 1, ftrsNorm\_scatter\_selection: 1, ftrsNorm\_scatter\_threshold: 0.01, ftrsSel: null, clustering\_dist: sqeuclidean, cluster\_sel: null, similarity: gaussian\_full, similarity\_thresh: 1, similarity\_dist: average

clustering_nbc	similarity_nn	Ac1	Ac2	Ac3	Ac4	Ac5	Ac6	Ac7	Ac8
10	0.02	0.68±0.08	0.67±0.09	0.65±0.11	0.73±0.08	0.75±0.04	0.73±0.04	0.71±0.04	0.70±0.09
10	0.04	0.67±0.06	0.66±0.07	0.67±0.07	0.75±0.09	0.74±0.05	0.74±0.05	0.73±0.06	0.70±0.09
10	0.08	0.68±0.04	0.66±0.07	0.71±0.09	0.73±0.10	0.74±0.07	0.74±0.07	0.74±0.08	0.73±0.12
10	0.10	0.71±0.04	0.66±0.07	0.69±0.09	0.73±0.10	0.74±0.07	0.72±0.07	0.73±0.08	0.71±0.07
20	0.02	0.69±0.05	0.65±0.08	0.68±0.08	0.70±0.08	0.77±0.08	0.71±0.07	0.70±0.07	0.69±0.10
20	0.04	0.72±0.04	0.63±0.08	0.68±0.08	0.71±0.09	0.77±0.10	0.74±0.07	0.74±0.11	0.70±0.10
20	0.08	0.68±0.08	0.66±0.04	0.68±0.10	0.72±0.12	0.75±0.05	0.72±0.09	0.73±0.08	0.70±0.12
20	0.10	0.68±0.08	0.64±0.04	0.67±0.09	0.70±0.11	0.74±0.07	0.73±0.08	0.73±0.08	0.68±0.13
30	0.02	0.68±0.04	0.64±0.08	0.72±0.10	0.73±0.11	0.75±0.08	0.77±0.08	0.71±0.04	0.69±0.04
30	0.04	0.69±0.07	0.63±0.07	0.69±0.08	0.74±0.11	0.78±0.10	0.75±0.10	0.72±0.10	0.70±0.09
30	0.08	0.67±0.04	0.64±0.05	0.69±0.08	0.74±0.11	0.74±0.12	0.73±0.12	0.68±0.12	0.69±0.13
30	0.10	0.68±0.06	0.64±0.07	0.71±0.07	0.72±0.10	0.71±0.11	0.73±0.12	0.70±0.08	0.69±0.15
40	0.02	0.64±0.08	0.63±0.09	0.69±0.11	0.71±0.08	0.76±0.09	0.73±0.08	0.66±0.09	0.69±0.09
40	0.04	0.65±0.09	0.66±0.05	0.66±0.12	0.71±0.13	0.74±0.10	0.73±0.09	0.69±0.08	0.71±0.11
40	0.08	0.63±0.04	0.64±0.07	0.65±0.11	0.69±0.14	0.72±0.08	0.72±0.10	0.69±0.08	0.69±0.13
40	0.10	0.64±0.04	0.63±0.08	0.67±0.10	0.70±0.13	0.71±0.10	0.72±0.12	0.69±0.07	0.67±0.12

Table 12: dataset: test, features: scatteringV, ftrsNorm1: null, ftrsNorm\_scatter\_log: 1, ftrsNorm\_scatter\_selection: 1, ftrsNorm\_scatter\_threshold: 0.01, ftrsSel: null, clustering\_dist: sqeuclidean, cluster\_sel: null, similarity: gaussian\_full, similarity\_thresh: 1, similarity\_dist: closest

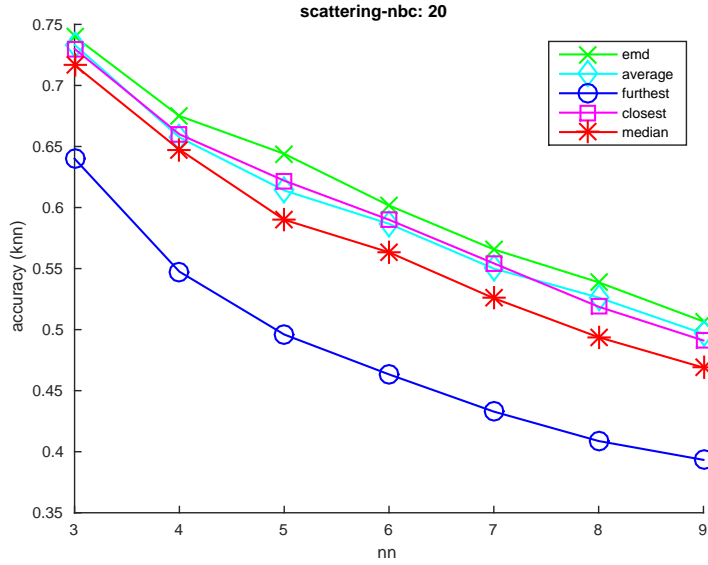


Figure 3: dataset: test, features: scatteringV, ftrsNorm1: null, ftrsNorm\_scatter\_log: 1, ftrsNorm\_scatter\_selection: 1, ftrsNorm\_scatter\_threshold: 0.01, ftrsSel: null, clustering\_nbc: 20, clustering\_dist: sqeuclidean, cluster\_sel: null, similarity: gaussian\_full, similarity\_nn: 0.02, similarity\_thresh: 1

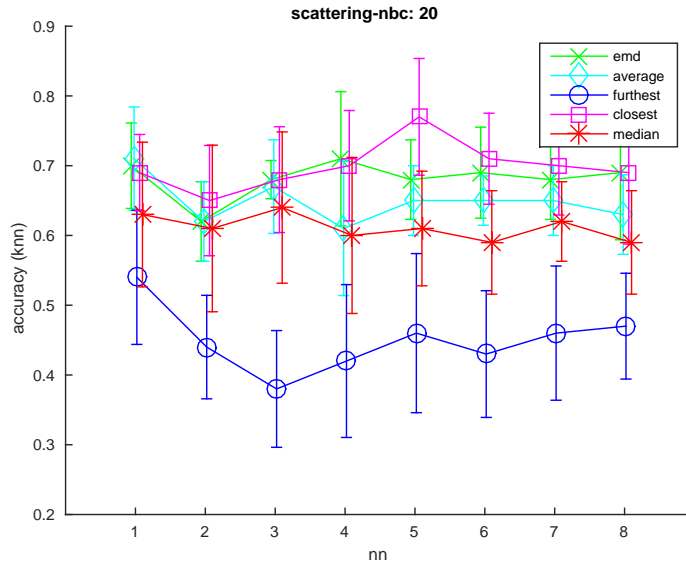


Figure 4: dataset: test, features: scatteringV, ftrsNorm1: null, ftrsNorm\_scat\_log: 1, ftrsNorm\_scat\_selection: 1, ftrsNorm\_scat\_threshold: 0.01, ftrsSel: null, clustering\_nbc: 20, clustering\_dist: sqeuclidean, cluster\_sel: null, similarity: gaussian\_full, similarity\_nn: 0.02, similarity\_thresh: 1

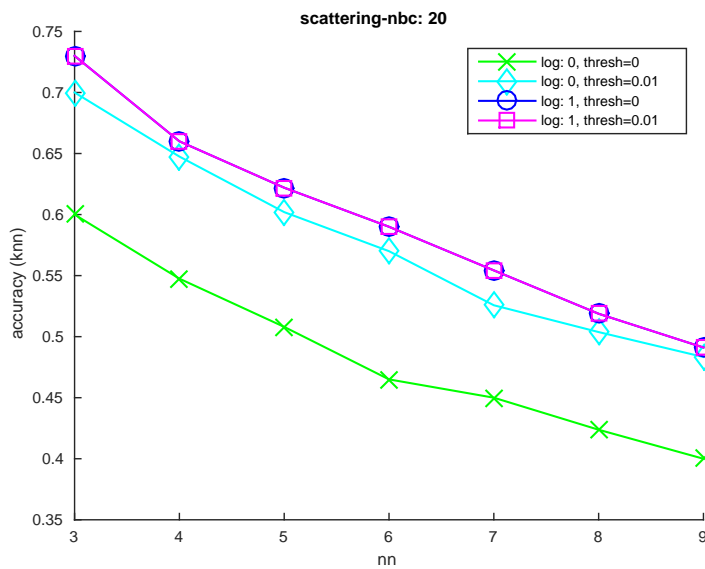


Figure 5: dataset: test, features: scatteringV, ftrsNorm1: null, ftrsNorm\_scat\_selection: 1, ftrsSel: null, clustering\_nbc: 20, clustering\_dist: sqeuclidean, cluster\_sel: null, similarity: gaussian\_full, similarity\_nn: 0.02, similarity\_thresh: 1, similarity\_dist: closest

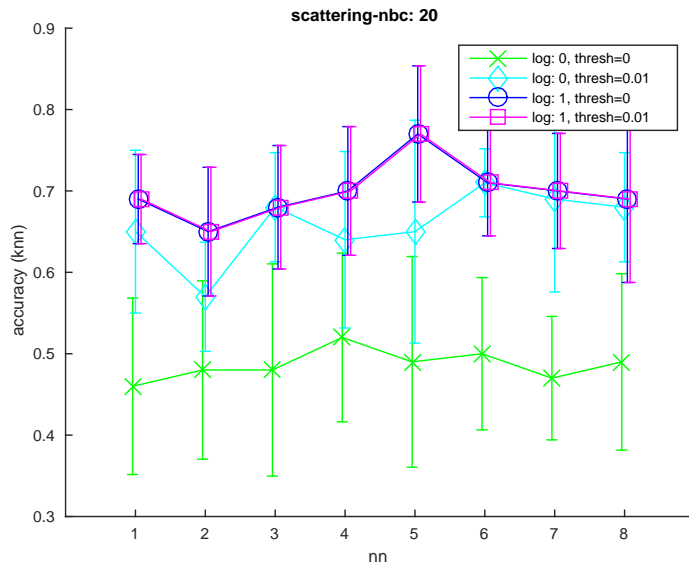


Figure 6: dataset: test, features: scatteringV, ftrsNorm1: null, ftrsNorm\_scatter\_selection: 1, ftrsSel: null, clustering\_nbc: 20, clustering\_dist: sqeuclidean, cluster\_sel: null, similarity: gaussian\_full, similarity\_nn: 0.02, similarity\_thresh: 1, similarity\_dist: closest

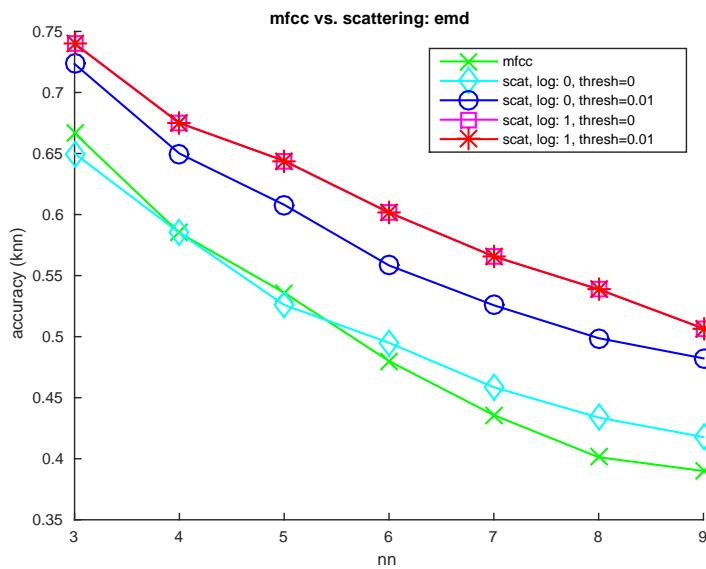


Figure 7: dataset: test, framing\_short: 0,025\_0,05, freqRange: 27,5\_22050, mfccRank: 13, mfccCoefo: 0, pooling: 0.25, ftrsNorm1: null, ftrsNorm2: null, ftrsNorm\_scatter\_selection: 1, ftrsSel: null, clustering\_nbc: 20, clustering\_dist: sqeuclidean, cluster\_sel: null, similarity: gaussian\_full, similarity\_nn: 0.02, similarity\_thresh: 1, similarity\_dist: emd

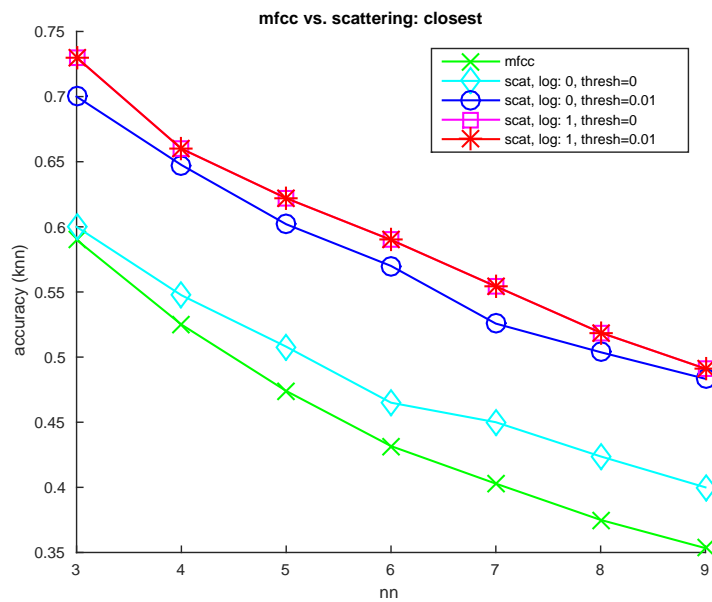


Figure 8: dataset: test, framing\_short: 0,025\_0,05, freqRange: 27,5\_22050, mfccRank: 13, mfccCoefo: 0, pooling: 0.25, ftrsNorm1: null, ftrsNorm2: null, ftrsNorm\_scatter\_selection: 1, ftrsSel: null, clustering\_nbc: 20, clustering\_dist: sqeuclidean, cluster\_sel: null, similarity: gaussian\_full, similarity\_nn: 0.02, similarity\_thresh: 1, similarity\_dist: closest



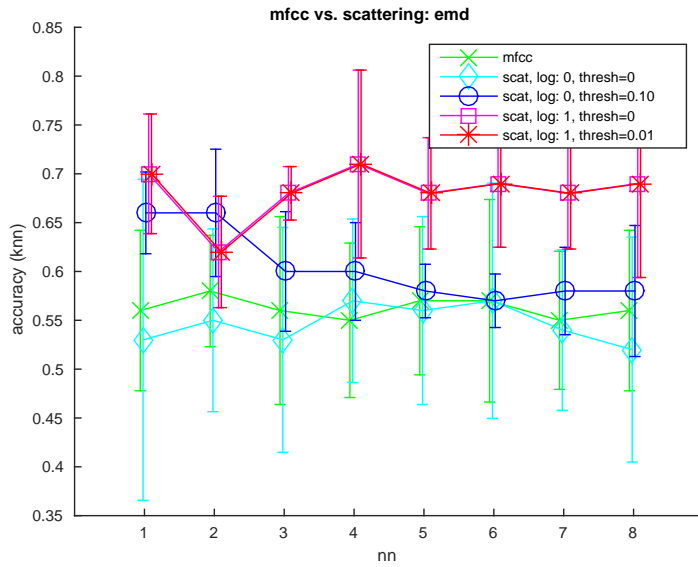


Figure 9: dataset: test, framing\_short: 0,025\_0,05, freqRange: 27,5\_22050, mfccRank: 13, mfccCoefo: 0, pooling: 0.25, ftrsNorm1: null, ftrsNorm2: null, ftrsNorm\_scatter\_selection: 1, ftrsSel: null, clustering\_nbc: 20, clustering\_dist: sqeuclidean, cluster\_sel: null, similarity: gaussian\_full, similarity\_nn: 0.02, similarity\_thresh: 1, similarity\_dist: emd

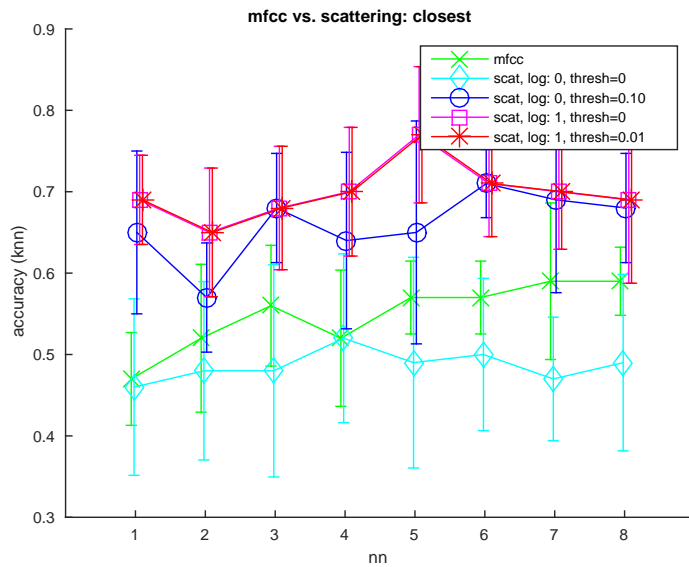


Figure 10: dataset: test, framing\_short: 0,025\_0,05, freqRange: 27,5\_22050, mfccRank: 13, mfccCoefo: 0, pooling: 0.25, ftrsNorm1: null, ftrsNorm2: null, ftrsNorm\_scatter\_selection: 1, ftrsSel: null, clustering\_nbc: 20, clustering\_dist: sqeuclidean, cluster\_sel: null, similarity: gaussian\_full, similarity\_nn: 0.02, similarity\_thresh: 1, similarity\_dist: closest

## References