ass_clustering_features

<userName>

June 23, 2016

clustering_nbc	similarity_nn	Ac3	pa19
20	0.10	**0.56**	0.35
20	0.25	**0.56**	**0.35**
20	0.50	0.55	0.35
20	0.75	0.52	0.34
20	1.00	0.52	0.34
40	0.10	0.54	0.35
40	0.25	0.55	0.35
40	0.50	0.54	0.35
40	0.75	0.52	0.35
40	1.00	0.49	0.34

Table 1: dataset: all, features: mfcc, framing_short: 0,025_0,05, freqRange: 27,5_4000, mfccRank: 13, mfccCoef0: 0, pooling: 0.25, ftrsNorm1: null, ftrsNorm2: null, ftrsSel: null, clustering: kmeans, clustering_dist: sqeuclidean, equalSizeHist: 1, cluster_sel: null, similarity: gaussian_full, similarity_thresh: 0.05, similarity_dist: emd

clustering_nbc	similarity_nn	Ac3	pa19
20	0.10	0.55	0.34
20	0.25	0.52	0.34
20	0.50	0.52	0.33
20	0.75	0.53	0.33
20	1.00	0.50	0.33
40	0.10	0.54	**0.34**
40	0.25	0.53	0.34
40	0.50	**0.56**	0.33
40	0.75	0.54	0.33
40	1.00	0.50	0.33

Table 2: dataset: all, features: mfcc, framing_short: 0,025_0,05, freqRange: 27,5_4000, mfccRank: 13, mfccCoef0: 0, pooling: 0.25, ftrsNorm1: null, ftrsNorm2: null, ftrsSel: null, clustering: kmeans, clustering_dist: sqeuclidean, equalSizeHist: 1, cluster_sel: null, similarity: gaussian_full, similarity_thresh: 1, similarity_dist: emd

clustering_nbc	similarity_nn	Ac3	pa19
20	0.10	0.35	0.26
20	0.25	0.35	0.26
20	0.50	0.38	0.26
20	0.75	0.36	0.26
20	1.00	0.30	0.23
40	0.10	0.38	0.26
40	0.25	**0.41**	**0.27**
40	0.50	0.36	0.27
40	0.75	0.36	0.26
40	1.00	0.29	0.23

Table 3: dataset: all, features: mfcc, framing_short: 0,025_0,05, freqRange: 27,5_4000, mfccRank: 13, mfccCoef0: 0, pooling: 0.25, ftrsNorm1: null, ftrsNorm2: null, ftrsSel: null, clustering: kmeans, clustering_dist: sqeuclidean, equalSizeHist: 1, cluster_sel: null, similarity: gaussian_full, similarity_thresh: 0.05, similarity_dist: average

clustering_nbc	similarity_nn	Ac3	pa19
20	0.10	0.46	**0.33**
20	0.25	0.45	0.32
20	0.50	0.42	0.31
20	0.75	0.44	0.31
20	1.00	0.40	0.30
40	0.10	**0.47**	0.33
40	0.25	0.46	0.32
40	0.50	0.43	0.32
40	0.75	0.45	0.31
40	1.00	0.42	0.30

clustering_nbc	similarity_nn	Ac3	pa19
20	0.10	0.47	0.30
20	0.25	0.46	0.31
20	0.50	0.49	0.31
20	0.75	0.49	0.30
20	1.00	**0.57**	0.30
40	0.10	0.49	**0.31**
40	0.25	0.49	0.30
40	0.50	0.46	0.30
40	0.75	0.48	0.30
40	1.00	0.51	0.30

clustering_nbc	similarity_nn	Ac3	pa19
20	0.10	0.49	**0.31**
20	0.25	0.48	0.31
20	0.50	0.48	0.30
20	0.75	0.46	0.30
20	1.00	**0.60**	0.30
40	0.10	0.51	0.31
40	0.25	0.52	0.31
40	0.50	0.50	0.30
40	0.75	0.51	0.30
40	1.00	0.52	0.30

clustering_nbc	similarity_nn	Ac3	pa19
20	0.10	**0.79**	0.48
20	0.25	0.72	**0.48**
20	0.50	0.67	0.48
20	0.75	0.71	0.48
20	1.00	0.63	0.47
40	0.10	0.72	0.48
40	0.25	0.70	0.48
40	0.50	0.64	0.48
40	0.75	0.64	0.48
40	1.00	0.61	0.47

clustering_nbc	similarity_nn	Ac3	pa19
20	0.10	0.73	0.47
20	0.25	0.65	0.47
20	0.50	0.61	0.46
20	0.75	0.63	0.46
20	1.00	0.64	0.44
40	0.10	**0.74**	**0.47**
40	0.25	0.65	0.47
40	0.50	0.61	0.46
40	0.75	0.64	0.46
40	1.00	0.61	0.44

clustering_nbc	similarity_nn	Ac3	pa19
20	0.10	**0.76**	0.46
20	0.25	0.65	0.44
20	0.50	0.64	0.43
20	0.75	0.62	0.41
20	1.00	0.72	0.41
40	0.10	0.75	**0.46**
40	0.25	0.63	0.46
40	0.50	0.60	0.44
40	0.75	0.58	0.41
40	1.00	0.71	0.41

clustering_nbc	similarity_nn	Ac3	pa19
20	0.10	0.59	**0.46**
20	0.25	0.56	0.45
20	0.50	0.51	0.44
20	0.75	0.50	0.42
20	1.00	0.53	0.40
40	0.10	**0.62**	0.46
40	0.25	**0.62**	0.45
40	0.50	0.52	0.43
40	0.75	0.50	0.43
40	1.00	0.53	0.41

Table 4: dataset: all, features: mfcc, framing_short: 0,025_0,05, freqRange: 27,5_4000, mfccRank: 13, mfccCoef0: 0, pooling: 0.25, ftrsNorm1: null, ftrsNorm2: null, ftrsSel: null, clustering: kmeans, clustering_dist: sqeuclidean, equalSizeHist: 1, cluster_sel: null, similarity: gaussian_full, similarity_thresh: 1, similarity_dist: average

Table 5: dataset: all, features: mfcc, framing_short: 0,025_0,05, freqRange: 27,5_4000, mfccRank: 13, mfccCoef0: 0, pooling: 0.25, ftrsNorm1: null, ftrsNorm2: null, ftrsSel: null, clustering: kmeans, clustering_dist: sqeuclidean, equalSizeHist: 1, cluster_sel: null, similarity: gaussian_full, similarity_thresh: 0.05, similarity_dist: single

Table 6: dataset: all, features: mfcc, framing_short: 0,025_0,05, freqRange: 27,5_4000, mfccRank: 13, mfccCoef0: 0, pooling: 0.25, ftrsNorm1: null, ftrsNorm2: null, ftrsSel: null, clustering: kmeans, clustering_dist: sqeuclidean, equalSizeHist: 1, cluster_sel: null, similarity: gaussian_full, similarity_thresh: 1, similarity_dist: single

Table 7: dataset: all, features: scatteringV, ftrsNorm1: null, ftrsNorm_scat_selection: 1, ftrsNorm_scat_threshold: 0.01, ftrsSel: null, clustering: kmeans, clustering_dist: sqeuclidean, equalSizeHist: 1, cluster_sel: null, similarity: gaussian_full, similarity_thresh: 0.05, similarity_dist: emd

Table 8: dataset: all, features: scatteringV, ftrsNorm1: null, ftrsNorm_scat_selection: 1, ftrsNorm_scat_threshold: 0.01, ftrsSel: null, clustering: kmeans, clustering_dist: sqeuclidean, equalSizeHist: 1, cluster_sel: null, similarity: gaussian_full, similarity_thresh: 1, similarity_dist: emd

Table 9: dataset: all, features: scatteringV, ftrsNorm1: null, ftrsNorm_scat_selection: 1, ftrsNorm_scat_threshold: 0.01, ftrsSel: null, clustering: kmeans, clustering_dist: sqeuclidean, equalSizeHist: 1, cluster_sel: null, similarity: gaussian_full, similarity_thresh: 0.05, similarity_dist: average

Table 10: dataset: all, features: scatteringV, ftrsNorm1: null, ftrsNorm_scat_selection: 1, ftrsNorm_scat_threshold: 0.01, ftrsSel: null, clustering: kmeans, clustering_dist: sqeuclidean, equalSizeHist: 1, cluster_sel: null, similarity: gaussian_full, similarity_thresh: 1, similarity_dist: average
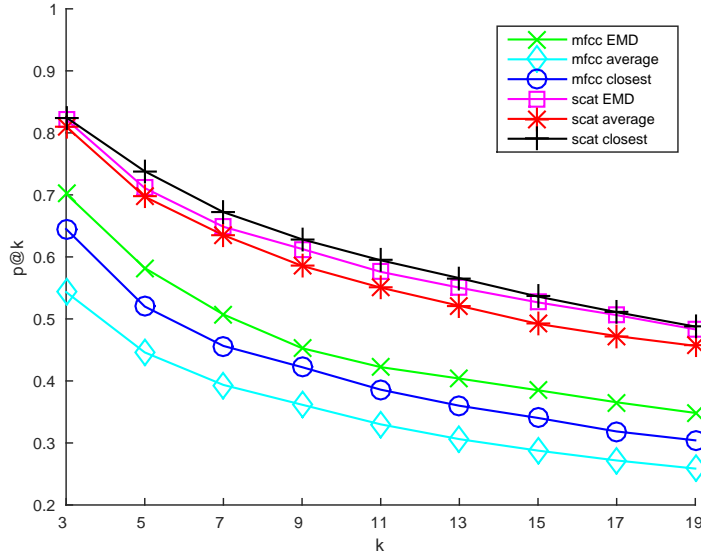
clustering_nbc	similarity_nn	Ac3	pa19
20	0.10	**0.82**	**0.49**
20	0.25	0.77	0.48
20	0.50	0.77	0.48
20	0.75	0.77	0.48
20	1.00	0.78	0.47
40	0.10	0.79	0.48
40	0.25	0.75	0.49
40	0.50	0.76	0.48
40	0.75	0.73	0.48
40	1.00	0.80	0.48

Table 11: dataset: all, features: scatteringV, ftrsNorm1: null, ftrsNorm_scat_selection: 1, ftrsNorm_scat_threshold: 0.01, ftrsSel: null, clustering: kmeans, clustering_dist: sqeuclidean, equalSizeHist: 1, cluster_sel: null, similarity: gaussian_full, similarity_thresh: 0.05, similarity_dist: single

clustering_nbc	similarity_nn	Ac3	pa19
20	0.10	0.81	**0.49**
20	0.25	0.74	0.49
20	0.50	0.73	0.48
20	0.75	0.74	0.48
20	1.00	0.78	0.47
40	0.10	**0.82**	0.48
40	0.25	0.75	0.48
40	0.50	0.71	0.48
40	0.75	0.73	0.47
40	1.00	0.80	0.48

Table 12: dataset: all, features: scatteringV, ftrsNorm1: null, ftrsNorm_scat_selection: 1, ftrsNorm_scat_threshold: 0.01, ftrsSel: null, clustering: kmeans, clustering_dist: sqeuclidean, equalSizeHist: 1, cluster_sel: null, similarity: gaussian_full, similarity_thresh: 1, similarity_dist: single
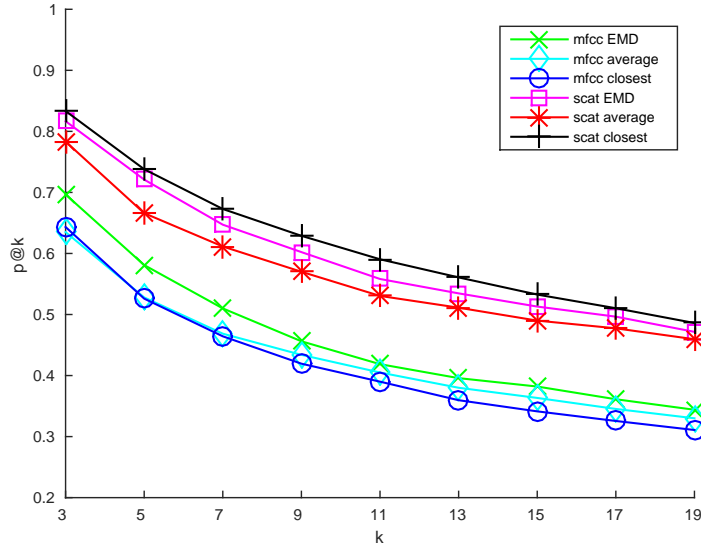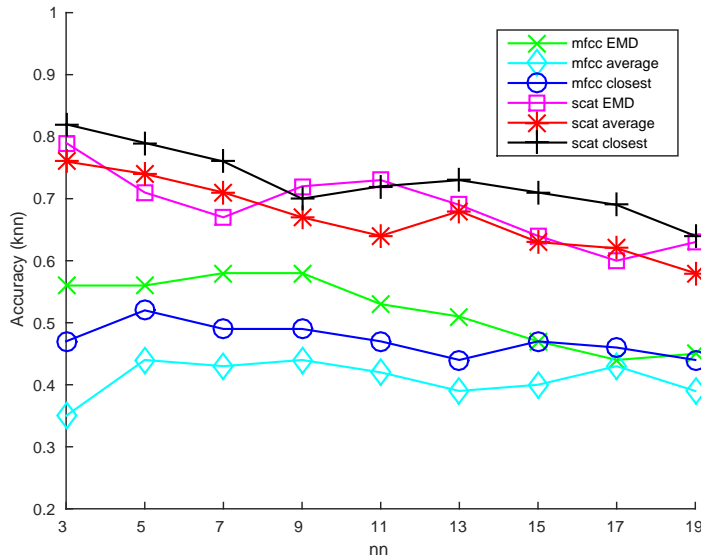

Figure 1: dataset: all, framing_short: 0,025_0,05, freqRange: 27,5_4000, mfccRank: 13, mfccCoefo: 0, pooling: 0.25, ftrsNorm1: null, ftrsNorm2: null, ftrsNorm_scat_selection: 1, ftrsNorm_scat_threshold: 0.01, ftrsSel: null, clustering: kmeans, clustering_nbc: 20, clustering_dist: sqeuclidean, equalSizeHist: 1, cluster_sel: null, similarity: gaussian_full, similarity_nn: 0.1, similarity_thresh: 0.05
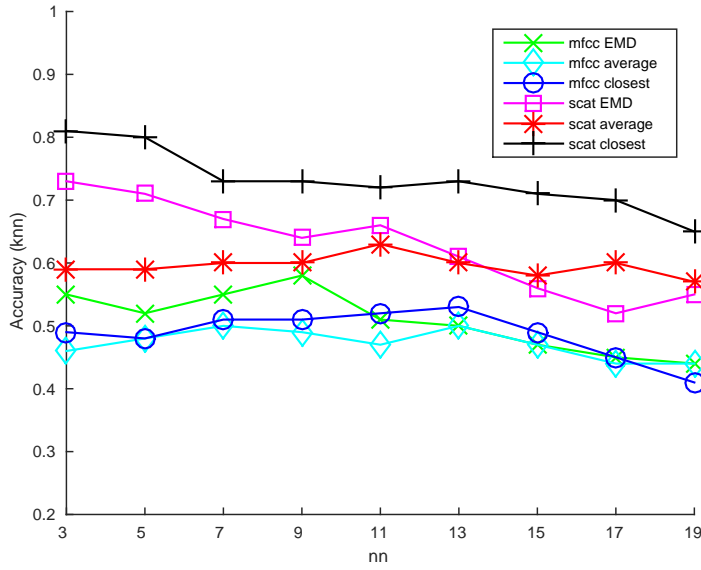
Figure 2: dataset: all, framing_short: 0,025_0,05, freqRange: 27,5_4000, mfccRank: 13, mfccCoef0: 0, pooling: 0.25, ftrsNorm1: null, ftrsNorm2: null, ftrsNorm_scat_selection: 1, ftrsNorm_scat_threshold: 0.01, ftrsSel: null, clustering: kmeans, clustering_nbc: 20, clustering_dist: sqeuclidean, equalSizeHist: 1, cluster_sel: null, similarity: gaussian_full, similarity_nn: 0.1, similarity_thresh: 1

Figure 3: dataset: all, framing_short: 0,025_0,05, freqRange: 27,5_4000, mfccRank: 13, mfccCoef0: 0, pooling: 0.25, ftrsNorm1: null, ftrsNorm2: null, ftrsNorm_scat_selection: 1, ftrsNorm_scat_threshold: 0.01, ftrsSel: null, clustering: kmeans, clustering_nbc: 20, clustering_dist: sqeuclidean, equalSizeHist: 1, cluster_sel: null, similarity: gaussian_full, similarity_nn: 0.1, similarity_thresh: 0.05
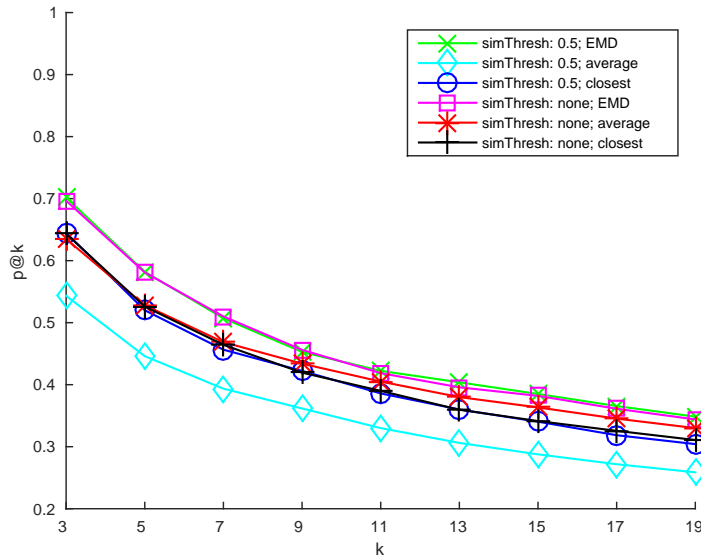
Figure 4: dataset: all, framing_short: 0,025_0,05, freqRange: 27,5_4000, mfccRank: 13, mfccCoef0: 0, pooling: 0.25, ftrsNorm1: null, ftrsNorm2: null, ftrsNorm_scat_selection: 1, ftrsNorm_scat_threshold: 0.01, ftrsSel: null, clustering: kmeans, clustering_nbc: 20, clustering_dist: sqeuclidean, equalSizeHist: 1, cluster_sel: null, similarity: gaussian_full, similarity_nn: 0.1, similarity_thresh: 1

Figure 5: dataset: all, features: mfcc, framing_short: 0,025_0,05, freqRange: 27,5_4000, mfccRank: 13, mfccCoef0: 0, pooling: 0.25, ftrsNorm1: null, ftrsNorm2: null, ftrsSel: null, clustering: kmeans, clustering_nbc: 20, clustering_dist: sqeuclidean, equalSizeHist: 1, cluster_sel: null, similarity: gaussian_full, similarity_nn: 0.1
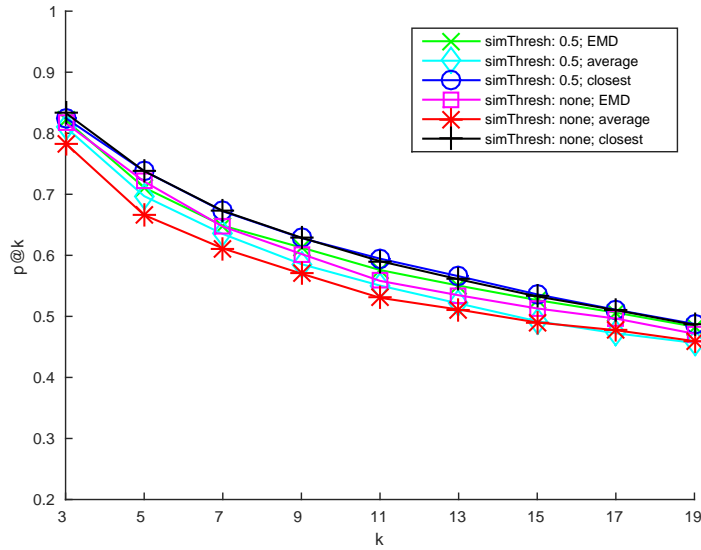
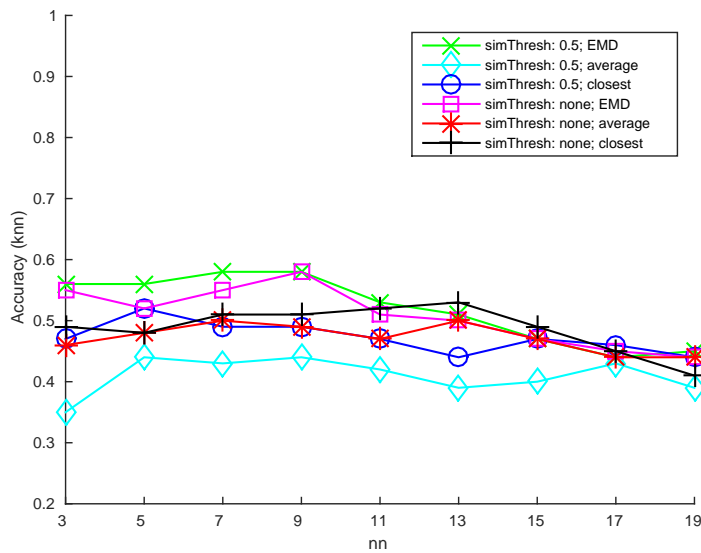Figure 6: dataset: all, features: scatteringV, ftrsNorm1: null, ftrsNorm_scat_selection: 1, ftrsNorm_scat_threshold: 0.01, ftrsSel: null, clustering: kmeans, clustering_nbc: 20, clustering_dist: sqeuclidean, equalSizeHist: 1, cluster_sel: null, similarity: gaussian_full, similarity_nn: 0.1

Figure 7: dataset: all, features: mfcc, framing_short: 0,025_0,05, freqRange: 27,5_4000, mfccRank: 13, mfccCoef0: 0, pooling: 0.25, ftrsNorm1: null, ftrsNorm2: null, ftrsSel: null, clustering: kmeans, clustering_nbc: 20, clustering_dist: sqeuclidean, equalSizeHist: 1, cluster_sel: null, similarity: gaussian_full, similarity_nn: 0.1
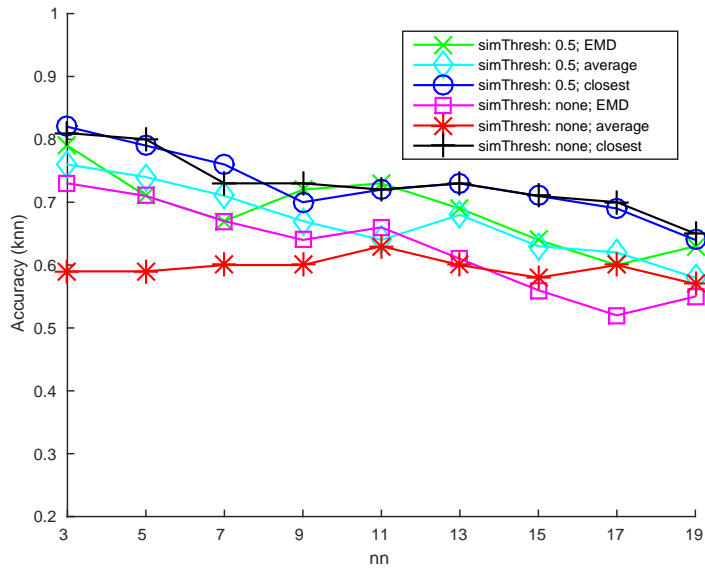
Figure 8: dataset: all, features: scatteringV, ftrsNorm1: null, ftrsNorm_scat_selection: 1, ftrsNorm_scat_threshold: 0.01, ftrsSel: null, clustering: kmeans, clustering_nbc: 20, clustering_dist: sqeuclidean, equalSizeHist: 1, cluster_sel: null, similarity: gaussian_full, similarity_nn: 0.1

References