

ass_clustering_features

<userName>

June 24, 2016

clustering_nbc	similarity_nn	Ac3	Ac4	Ac5	Ac6	Ac7	Ac8	Ac9	pa3	pa5	pa7	pa9
10	0.10	0.47	0.45	0.44	0.43	0.42	0.44	0.40	0.66	0.53	0.47	0.43
10	0.25	0.47	0.49	0.42	0.44	0.43	0.41	0.38	0.65	0.53	0.46	0.42
10	0.50	0.44	0.47	0.44	0.42	0.42	0.38	0.40	0.64	0.53	0.45	0.42
10	0.75	0.43	0.44	0.44	0.42	0.41	0.39	0.41	0.64	0.52	0.45	0.41
10	1.00	0.43	0.43	0.42	0.41	0.42	0.42	0.38	0.64	0.52	0.44	0.41
20	0.10	0.49	0.50	0.42	0.43	0.44	0.45	0.41	0.66	0.53	0.47	0.43
20	0.25	0.47	0.49	0.42	0.43	0.43	0.44	0.39	0.65	0.52	0.46	0.42
20	0.50	0.48	0.48	0.42	0.41	0.43	0.40	0.39	0.65	0.52	0.45	0.42
20	0.75	0.44	0.47	0.43	0.41	0.43	0.42	0.39	0.65	0.52	0.45	0.42
20	1.00	0.44	0.45	0.42	0.42	0.43	0.44	0.39	0.64	0.52	0.45	0.41
30	0.10	0.50	0.52	0.43	0.45	0.43	0.44	0.41	0.66	0.53	0.47	0.43
30	0.25	0.47	0.51	0.45	0.43	0.45	0.44	0.41	0.65	0.53	0.46	0.42
30	0.50	0.46	0.49	0.43	0.44	0.43	0.41	0.41	0.65	0.52	0.46	0.42
30	0.75	0.46	0.50	0.44	0.41	0.43	0.40	0.41	0.65	0.52	0.45	0.42
30	1.00	0.43	0.44	0.45	0.40	0.42	0.44	0.38	0.64	0.52	0.44	0.41
40	0.10	0.46	0.53	0.45	0.45	0.44	0.45	0.40	0.67	0.53	0.47	0.43
40	0.25	0.47	0.52	0.44	0.45	0.45	0.43	0.39	0.65	0.53	0.46	0.42
40	0.50	0.47	0.50	0.41	0.43	0.44	0.39	0.41	0.66	0.53	0.45	0.42
40	0.75	0.46	0.49	0.43	0.41	0.42	0.39	0.40	0.65	0.53	0.45	0.41
40	1.00	0.45	0.44	0.43	0.41	0.42	0.43	0.38	0.64	0.52	0.45	0.42

Table 1: dataset: train, features: mfcc, framing_short: 0,025_0,05, freqRange: 27,5_900, mfccRank: 13, mfccCoeft: 0, pooling: 0.25, ftrsNorm1: null, ftrsNorm2: stand, ftrsSel: null, clustering_dist: sqeuclidean, cluster_sel: null, similarity: gaussian_full, similarity_thresh: 1, similarity_dist: emd

clustering_nbc	similarity_nn	Ac3	Ac4	Ac5	Ac6	Ac7	Ac8	Ac9	pa3	pa5	pa7	pa9
10	0.10	0.37	0.46	0.43	0.39	0.43	0.44	0.45	0.59	0.52	0.47	0.44
10	0.25	0.34	0.43	0.42	0.39	0.39	0.42	0.40	0.58	0.50	0.47	0.42
10	0.50	0.32	0.37	0.41	0.39	0.36	0.38	0.39	0.56	0.49	0.46	0.42
10	0.75	0.30	0.38	0.41	0.39	0.37	0.36	0.37	0.55	0.48	0.45	0.41
10	1.00	0.33	0.34	0.35	0.37	0.33	0.36	0.36	0.55	0.46	0.42	0.39
20	0.10	0.39	0.41	0.41	0.39	0.41	0.38	0.38	0.60	0.51	0.46	0.42
20	0.25	0.37	0.43	0.40	0.40	0.40	0.40	0.36	0.58	0.51	0.45	0.42
20	0.50	0.34	0.41	0.42	0.39	0.38	0.38	0.38	0.59	0.49	0.44	0.41
20	0.75	0.33	0.40	0.42	0.38	0.36	0.38	0.38	0.57	0.48	0.44	0.41
20	1.00	0.34	0.37	0.37	0.36	0.35	0.35	0.35	0.55	0.47	0.42	0.39
30	0.10	0.37	0.44	0.44	0.40	0.42	0.39	0.42	0.60	0.51	0.47	0.43
30	0.25	0.35	0.41	0.41	0.41	0.39	0.39	0.38	0.60	0.50	0.47	0.43
30	0.50	0.32	0.39	0.41	0.38	0.38	0.37	0.39	0.59	0.50	0.45	0.41
30	0.75	0.34	0.39	0.41	0.36	0.36	0.36	0.36	0.58	0.49	0.44	0.41
30	1.00	0.34	0.34	0.37	0.36	0.33	0.33	0.33	0.58	0.47	0.42	0.39
40	0.10	0.39	0.41	0.39	0.41	0.41	0.39	0.41	0.60	0.50	0.47	0.43
40	0.25	0.35	0.38	0.39	0.38	0.38	0.39	0.38	0.61	0.50	0.46	0.42
40	0.50	0.32	0.38	0.41	0.39	0.39	0.38	0.39	0.59	0.50	0.45	0.42
40	0.75	0.33	0.38	0.39	0.39	0.37	0.38	0.39	0.58	0.49	0.45	0.41
40	1.00	0.32	0.34	0.36	0.35	0.33	0.35	0.37	0.57	0.47	0.42	0.40

Table 2: dataset: train, features: mfcc, framing_short: 0,025_0,05, freqRange: 27,5_900, mfccRank: 13, mfccCoeft: 0, pooling: 0.25, ftrsNorm1: null, ftrsNorm2: stand, ftrsSel: null, clustering_dist: sqeuclidean, cluster_sel: null, similarity: gaussian_full, similarity_thresh: 1, similarity_dist: average

clustering_nbc	similarity_nn	Ac3	Ac4	Ac5	Ac6	Ac7	Ac8	Ac9	pa3	pa5	pa7	pa9
10	0.10	0.36	0.38	0.41	0.42	0.45	0.43	0.38	0.55	0.46	0.41	0.37
10	0.25	0.37	0.38	0.40	0.42	0.42	0.44	0.39	0.55	0.46	0.41	0.38
10	0.50	0.35	0.38	0.41	0.39	0.41	0.42	0.36	0.54	0.46	0.41	0.37
10	0.75	0.34	0.38	0.39	0.39	0.41	0.39	0.38	0.54	0.45	0.40	0.36
10	1.00	0.28	0.33	0.40	0.38	0.42	0.41	0.39	0.54	0.43	0.40	0.36
20	0.10	0.33	0.40	0.42	0.40	0.42	0.46	0.40	0.55	0.47	0.42	0.39
20	0.25	0.34	0.43	0.42	0.40	0.41	0.43	0.41	0.53	0.47	0.41	0.38
20	0.50	0.35	0.43	0.38	0.38	0.40	0.38	0.39	0.53	0.47	0.41	0.37
20	0.75	0.35	0.45	0.40	0.39	0.42	0.38	0.40	0.52	0.46	0.41	0.37
20	1.00	0.31	0.39	0.38	0.37	0.35	0.35	0.36	0.51	0.43	0.38	0.35
30	0.10	0.36	0.38	0.41	0.39	0.43	0.39	0.41	0.56	0.45	0.41	0.37
30	0.25	0.35	0.38	0.44	0.41	0.43	0.42	0.42	0.56	0.46	0.41	0.37
30	0.50	0.34	0.40	0.44	0.40	0.43	0.40	0.41	0.56	0.47	0.42	0.36
30	0.75	0.33	0.40	0.43	0.42	0.40	0.41	0.42	0.56	0.46	0.42	0.37
30	1.00	0.33	0.39	0.41	0.42	0.40	0.36	0.37	0.54	0.45	0.40	0.36
40	0.10	0.43	0.36	0.39	0.39	0.38	0.40	0.40	0.58	0.45	0.39	0.36
40	0.25	0.43	0.37	0.38	0.39	0.37	0.36	0.38	0.58	0.45	0.39	0.36
40	0.50	0.40	0.36	0.40	0.38	0.37	0.37	0.40	0.58	0.45	0.40	0.37
40	0.75	0.35	0.35	0.39	0.40	0.38	0.41	0.39	0.57	0.44	0.40	0.37
40	1.00	0.35	0.38	0.37	0.40	0.37	0.43	0.42	0.54	0.43	0.39	0.36

Table 3: dataset: train, features: mfcc, framing_short: 0,025_0,05, freqRange: 27,5_900, mfccRank: 13, mfccCoefo: 0, pooling: 0.25, ftrsNorm1: null, ftrsNorm2: stand, ftrsSel: null, clustering_dist: sqeuclidean, cluster_sel: null, similarity: gaussian_full, similarity_thresh: 1, similarity_dist: closest

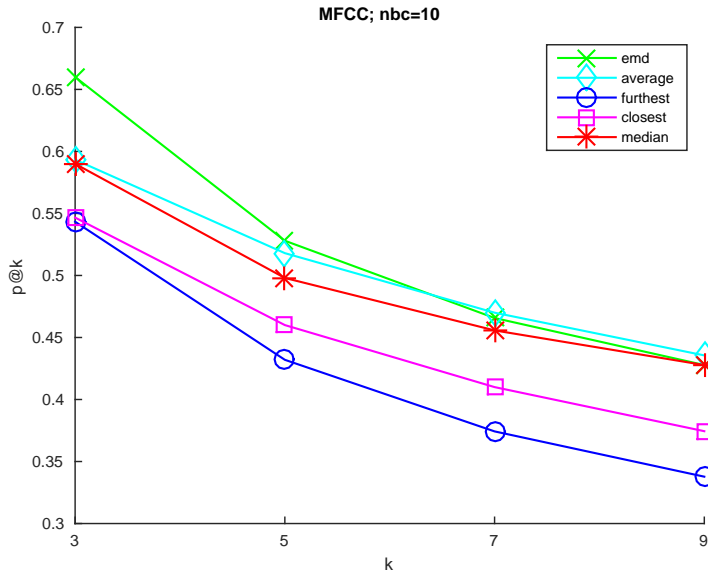


Figure 1: dataset: train, features: mfcc, framing_short: 0,025_0,05, freqRange: 27,5_900, mfccRank: 13, mfccCoefo: 0, pooling: 0.25, ftrsNorm1: null, ftrsNorm2: stand, ftrsSel: null, clustering_nbc: 10, clustering_dist: sqeuclidean, cluster_sel: null, similarity: gaussian_full, similarity_nn: 0.1, similarity_thresh: 1

clustering_nbc	similarity_nn	Ac3	Ac4	Ac5	Ac6	Ac7	Ac8	Ac9	pa3	pa5	pa7	pa9
10	0.10	0.55	0.54	0.53	0.52	0.51	0.55	0.51	0.70	0.59	0.53	0.48
10	0.25	0.52	0.57	0.51	0.48	0.51	0.56	0.52	0.71	0.58	0.51	0.47
10	0.50	0.49	0.54	0.50	0.53	0.53	0.53	0.52	0.69	0.58	0.52	0.47
10	0.75	0.48	0.53	0.48	0.54	0.51	0.51	0.48	0.69	0.57	0.51	0.46
10	1.00	0.50	0.54	0.49	0.52	0.49	0.47	0.44	0.68	0.57	0.50	0.45
20	0.10	0.55	0.55	0.51	0.54	0.50	0.53	0.52	0.71	0.59	0.53	0.48
20	0.25	0.51	0.57	0.52	0.51	0.51	0.55	0.54	0.71	0.58	0.52	0.48
20	0.50	0.50	0.52	0.51	0.52	0.54	0.52	0.53	0.69	0.58	0.51	0.47
20	0.75	0.45	0.52	0.48	0.54	0.51	0.51	0.47	0.68	0.57	0.51	0.47
20	1.00	0.50	0.51	0.48	0.54	0.49	0.49	0.44	0.68	0.57	0.50	0.45
30	0.10	0.55	0.55	0.52	0.54	0.50	0.52	0.51	0.71	0.59	0.53	0.48
30	0.25	0.50	0.56	0.53	0.52	0.51	0.54	0.54	0.71	0.58	0.51	0.47
30	0.50	0.49	0.52	0.52	0.54	0.54	0.52	0.49	0.69	0.58	0.52	0.48
30	0.75	0.47	0.54	0.51	0.53	0.52	0.51	0.47	0.68	0.58	0.51	0.47
30	1.00	0.50	0.51	0.46	0.55	0.50	0.49	0.43	0.68	0.56	0.51	0.45
40	0.10	0.55	0.54	0.52	0.54	0.51	0.54	0.51	0.71	0.58	0.53	0.48
40	0.25	0.52	0.56	0.53	0.52	0.51	0.55	0.53	0.71	0.58	0.52	0.48
40	0.50	0.49	0.53	0.51	0.53	0.54	0.51	0.49	0.69	0.58	0.52	0.48
40	0.75	0.46	0.53	0.51	0.54	0.52	0.51	0.47	0.68	0.57	0.51	0.47
40	1.00	0.49	0.51	0.48	0.55	0.50	0.50	0.42	0.69	0.56	0.50	0.45

Table 4: dataset: train, features: scatteringV, ftrsNorm1: null, 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	Ac3	Ac4	Ac5	Ac6	Ac7	Ac8	Ac9	pa3	pa5	pa7	pa9
10	0.10	0.47	0.51	0.46	0.48	0.49	0.54	0.46	0.68	0.56	0.50	0.47
10	0.25	0.46	0.49	0.52	0.51	0.47	0.50	0.46	0.67	0.56	0.50	0.46
10	0.50	0.45	0.48	0.49	0.52	0.50	0.49	0.49	0.66	0.54	0.50	0.45
10	0.75	0.46	0.50	0.45	0.51	0.50	0.47	0.50	0.66	0.54	0.49	0.44
10	1.00	0.44	0.49	0.41	0.50	0.48	0.46	0.51	0.66	0.52	0.46	0.42
20	0.10	0.47	0.48	0.50	0.53	0.51	0.50	0.49	0.68	0.56	0.51	0.47
20	0.25	0.45	0.50	0.50	0.54	0.54	0.52	0.47	0.67	0.56	0.51	0.46
20	0.50	0.45	0.49	0.48	0.53	0.50	0.49	0.48	0.68	0.55	0.50	0.45
20	0.75	0.42	0.45	0.46	0.48	0.50	0.50	0.47	0.68	0.54	0.50	0.45
20	1.00	0.42	0.45	0.37	0.45	0.44	0.44	0.42	0.64	0.52	0.46	0.42
30	0.10	0.46	0.50	0.50	0.51	0.51	0.48	0.49	0.67	0.56	0.50	0.47
30	0.25	0.43	0.51	0.46	0.48	0.49	0.49	0.47	0.65	0.56	0.50	0.46
30	0.50	0.44	0.44	0.47	0.50	0.48	0.46	0.47	0.67	0.55	0.50	0.45
30	0.75	0.43	0.45	0.44	0.48	0.46	0.48	0.47	0.66	0.54	0.49	0.44
30	1.00	0.42	0.44	0.38	0.43	0.41	0.43	0.49	0.65	0.52	0.46	0.41
40	0.10	0.46	0.49	0.48	0.51	0.50	0.51	0.47	0.67	0.55	0.49	0.46
40	0.25	0.43	0.51	0.49	0.50	0.47	0.49	0.45	0.66	0.56	0.49	0.45
40	0.50	0.43	0.47	0.46	0.51	0.50	0.46	0.46	0.66	0.55	0.49	0.45
40	0.75	0.42	0.46	0.47	0.50	0.49	0.47	0.48	0.67	0.55	0.49	0.44
40	1.00	0.42	0.42	0.39	0.44	0.41	0.42	0.39	0.64	0.52	0.45	0.41

Table 5: dataset: train, features: scatteringV, ftrsNorm1: null, 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	Ac3	Ac4	Ac5	Ac6	Ac7	Ac8	Ac9	pa3	pa5	pa7	pa9
10	0.10	0.58	0.63	0.61	0.62	0.61	0.63	0.61	0.73	0.61	0.54	0.50
10	0.25	0.58	0.60	0.67	0.64	0.63	0.60	0.57	0.72	0.61	0.55	0.50
10	0.50	0.58	0.59	0.63	0.63	0.59	0.59	0.57	0.73	0.61	0.55	0.50
10	0.75	0.59	0.60	0.66	0.65	0.62	0.59	0.56	0.73	0.62	0.55	0.50
10	1.00	0.56	0.63	0.62	0.60	0.59	0.62	0.60	0.73	0.61	0.53	0.48
20	0.10	0.58	0.62	0.66	0.64	0.62	0.63	0.61	0.73	0.62	0.54	0.50
20	0.25	0.61	0.62	0.60	0.63	0.60	0.63	0.59	0.74	0.61	0.54	0.49
20	0.50	0.59	0.63	0.64	0.60	0.59	0.57	0.58	0.71	0.61	0.54	0.49
20	0.75	0.61	0.65	0.66	0.60	0.61	0.57	0.57	0.71	0.60	0.54	0.49
20	1.00	0.56	0.61	0.63	0.63	0.62	0.63	0.62	0.73	0.60	0.54	0.49
30	0.10	0.61	0.62	0.63	0.64	0.59	0.61	0.59	0.72	0.61	0.54	0.49
30	0.25	0.58	0.60	0.62	0.64	0.57	0.61	0.60	0.71	0.60	0.53	0.49
30	0.50	0.59	0.59	0.62	0.64	0.60	0.60	0.58	0.72	0.60	0.54	0.49
30	0.75	0.57	0.60	0.68	0.64	0.61	0.60	0.60	0.72	0.60	0.53	0.48
30	1.00	0.56	0.61	0.61	0.59	0.60	0.64	0.63	0.72	0.59	0.53	0.48
40	0.10	0.56	0.58	0.63	0.61	0.59	0.59	0.61	0.70	0.59	0.53	0.49
40	0.25	0.57	0.59	0.61	0.61	0.59	0.57	0.60	0.72	0.59	0.53	0.48
40	0.50	0.56	0.59	0.61	0.61	0.60	0.59	0.62	0.71	0.59	0.53	0.48
40	0.75	0.54	0.59	0.61	0.60	0.62	0.59	0.57	0.72	0.60	0.52	0.48
40	1.00	0.55	0.58	0.61	0.62	0.62	0.57	0.60	0.70	0.60	0.53	0.47

Table 6: dataset: train, features: scatteringV, ftrsNorm1: null, 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

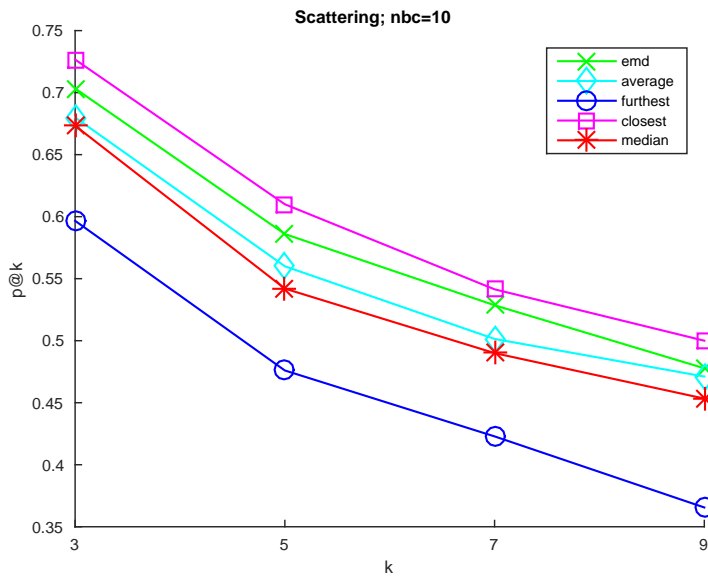


Figure 2: dataset: train, features: scatteringV, ftrsNorm1: null, ftrsNorm_scatter_selection: 1, ftrsNorm_scatter_threshold: 0.01, ftrsSel: null, clustering_nbc: 10, clustering_dist: sqeuclidean, cluster_sel: null, similarity: gaussian_full, similarity_nn: 0.1, similarity_thresh: 1

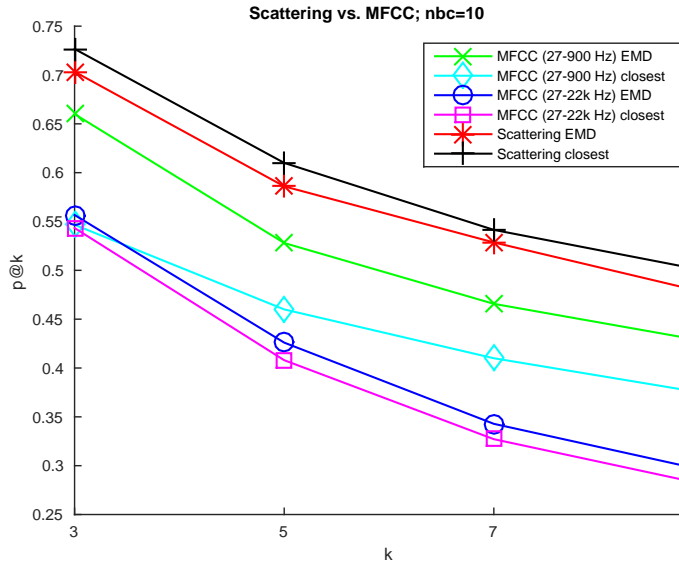


Figure 3: dataset: train, framing_short: 0,025_0,05, mfccRank: 13, mfccCoefo: 0, pooling: 0.25, ftrsNorm1: null, ftrsNorm2: stand, ftrsNorm_scat_selection: 1, ftrsNorm_scat_threshold: 0.01, ftrsSel: null, clustering_nbc: 10, clustering_dist: sqeuclidean, cluster_sel: null, similarity: gaussian_full, similarity_nn: 0.1, similarity_thresh: 1

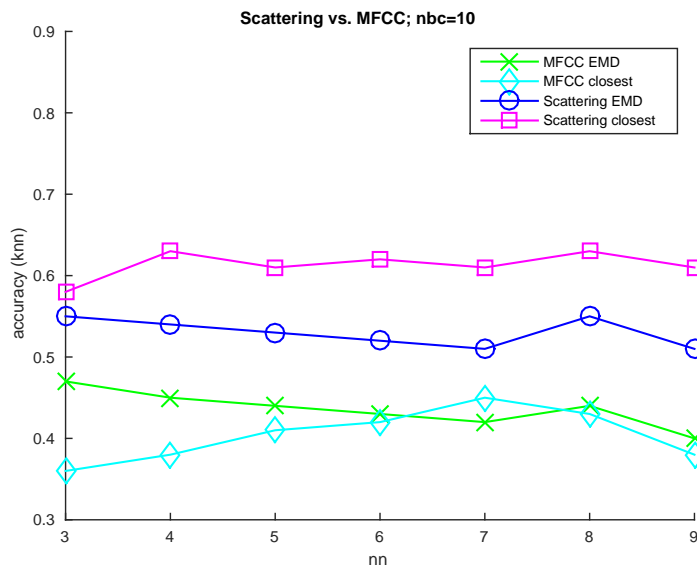


Figure 4: dataset: train, framing_short: 0,025_0,05, freqRange: 27,5_900, mfccRank: 13, mfccCoefo: 0, pooling: 0.25, ftrsNorm1: null, ftrsNorm2: stand, ftrsNorm_scat_selection: 1, ftrsNorm_scat_threshold: 0.01, ftrsSel: null, clustering_nbc: 10, clustering_dist: sqeuclidean, cluster_sel: null, similarity: gaussian_full, similarity_nn: 0.1, similarity_thresh: 1

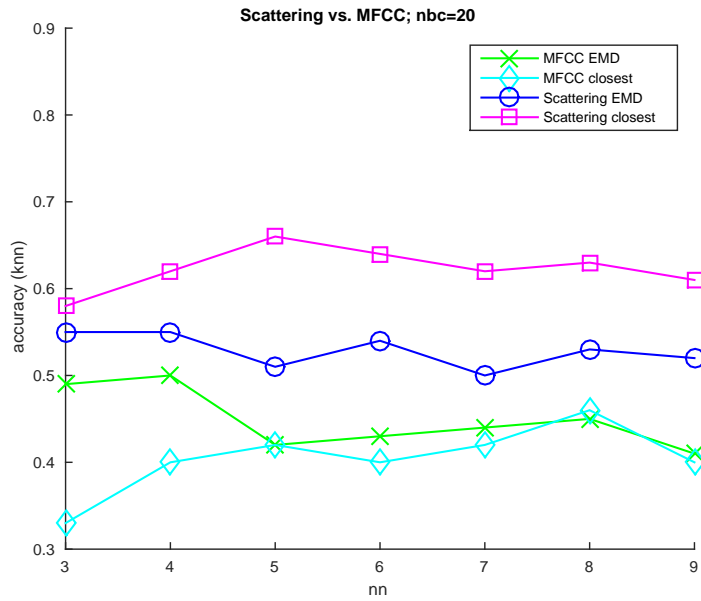


Figure 5: dataset: train, framing_short: 0,025_0,05, freqRange: 27,5_900, mfc-cRank: 13, mfccCoefo: 0, pooling: 0.25, ftrsNorm1: null, ftrsNorm2: stand, ftrsNorm_scst_selection: 1, ftrsNorm_scst_threshold: 0.01, ftrsSel: null, clustering_nbc: 20, clustering_dist: sqeuclidean, cluster_sel: null, similarity: gaussian_full, similarity_nn: 0.1, similarity_thresh: 1

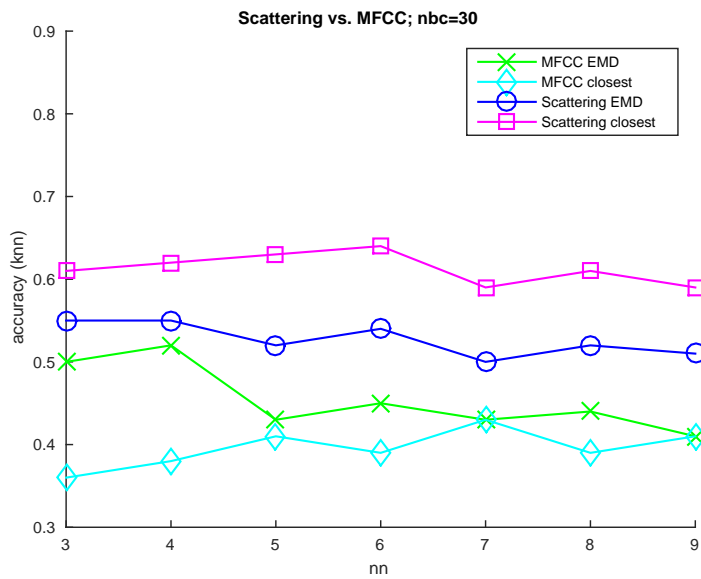


Figure 6: dataset: train, framing_short: 0,025_0,05, freqRange: 27,5_900, mfc-cRank: 13, mfccCoefo: 0, pooling: 0.25, ftrsNorm1: null, ftrsNorm2: stand, ftrsNorm_scst_selection: 1, ftrsNorm_scst_threshold: 0.01, ftrsSel: null, clustering_nbc: 30, clustering_dist: sqeuclidean, cluster_sel: null, similarity: gaussian_full, similarity_nn: 0.1, similarity_thresh: 1

References

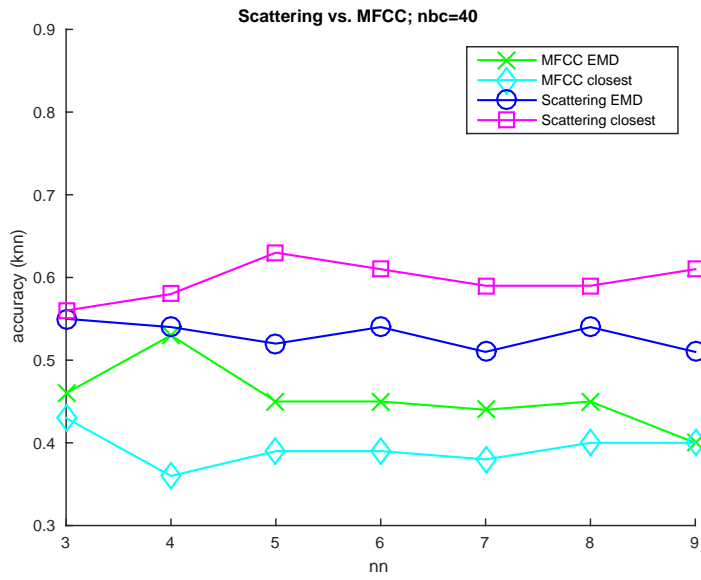


Figure 7: dataset: train, framing_short: 0,025_0,05, freqRange: 27,5_900, mfc-cRank: 13, mfccCoefo: 0, pooling: 0.25, ftrsNorm1: null, ftrsNorm2: stand, ftrsNorm_scst_selection: 1, ftrsNorm_scst_threshold: 0.01, ftrsSel: null, clustering_nbc: 40, clustering_dist: sqeuclidean, cluster_sel: null, similarity: gaussian_full, similarity_nn: 0.1, similarity_thresh: 1