

ass_features

<userName>

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distance	nn	pa3	pa4	pa5	pa6	pa7	pa8	pa9
gaussian_full	0.02	0.63	0.55	0.49	0.44	0.41	0.39	0.37
gaussian_full	0.04	0.63	0.55	0.49	0.45	0.42	0.40	0.37
gaussian_full	0.08	0.63	0.56	0.50	0.45	0.42	0.39	0.37
gaussian_full	0.10	0.63	0.56	0.50	0.46	0.43	0.40	0.37
euclidean		0.63	0.55	0.50	0.45	0.41	0.38	0.37
cosine		0.53	0.45	0.41	0.36	0.34	0.32	0.31

Table 1: dataset: test, features: mfcc, framing_short: 0,025_0,05, freqRange: 27,5_22050, mfccRank: 13, mfccCoefo: 0, ftrsNorm1: null, ftrsNorm2: null, ftrsSel: null

distance	nn	pa3	pa4	pa5	pa6	pa7	pa8	pa9
gaussian_full	0.02	0.60	0.54	0.48	0.44	0.40	0.38	0.36
gaussian_full	0.04	0.62	0.55	0.48	0.45	0.41	0.38	0.36
gaussian_full	0.08	0.63	0.56	0.49	0.44	0.42	0.38	0.37
gaussian_full	0.10	0.62	0.55	0.50	0.45	0.41	0.38	0.36
euclidean		0.59	0.54	0.49	0.44	0.40	0.37	0.35
cosine		0.62	0.56	0.51	0.47	0.43	0.39	0.38

Table 2: dataset: test, features: mfcc, framing_short: 0,025_0,05, freqRange: 27,5_22050, mfccRank: 13, mfccCoefo: 0, ftrsNorm1: null, ftrsNorm2: stand, ftrsSel: null

distance	nn	Ac1	Ac2	Ac3	Ac4	Ac5	Ac6	Ac7	Ac8
gaussian_full	0.02	0.49±0.13	0.50±0.10	0.51±0.10	0.52±0.04	0.50±0.07	0.48±0.06	0.51±0.14	0.50±0.04
gaussian_full	0.04	0.53±0.11	0.55±0.06	0.52±0.10	0.53±0.09	0.50±0.11	0.50±0.08	0.50±0.11	0.49±0.08
gaussian_full	0.08	0.52±0.09	0.57±0.06	0.55±0.06	0.55±0.07	0.50±0.12	0.47±0.12	0.47±0.13	0.48±0.07
gaussian_full	0.10	0.52±0.09	0.57±0.06	0.55±0.06	0.55±0.07	0.50±0.12	0.47±0.12	0.46±0.14	0.47±0.08
euclidean		0.50±0.08	0.51±0.11	0.56±0.07	0.52±0.10	0.48±0.08	0.46±0.10	0.46±0.10	0.45±0.07
cosine		0.30±0.09	0.33±0.10	0.33±0.06	0.34±0.07	0.36±0.07	0.37±0.09	0.34±0.05	0.32±0.09

Table 3: dataset: test, features: mfcc, framing_short: 0,025_0,05, freqRange: 27,5_22050, mfccRank: 13, mfccCoefo: 0, ftrsNorm1: null, ftrsNorm2: null, ftrsSel: null

distance	nn	Ac1	Ac2	Ac3	Ac4	Ac5	Ac6	Ac7	Ac8
gaussian_full	0.02	0.52±0.13	0.49±0.09	0.50±0.07	0.51±0.07	0.50±0.11	0.52±0.12	0.49±0.15	0.48±0.10
gaussian_full	0.04	0.54±0.14	0.51±0.13	0.51±0.11	0.47±0.09	0.51±0.07	0.52±0.08	0.52±0.10	0.52±0.08
gaussian_full	0.08	0.55±0.14	0.50±0.10	0.50±0.12	0.48±0.08	0.51±0.10	0.51±0.05	0.50±0.14	0.53±0.12
gaussian_full	0.10	0.55±0.14	0.50±0.10	0.51±0.11	0.48±0.08	0.52±0.10	0.49±0.07	0.50±0.12	0.52±0.13
euclidean		0.50±0.09	0.50±0.09	0.46±0.10	0.52±0.08	0.47±0.14	0.48±0.14	0.44±0.11	0.47±0.10
cosine		0.55±0.13	0.53±0.08	0.52±0.10	0.49±0.07	0.51±0.08	0.53±0.06	0.54±0.05	0.55±0.11

Table 4: dataset: test, features: mfcc, framing_short: 0,025_0,05, freqRange: 27,5_22050, mfccRank: 13, mfccCoefo: 0, ftrsNorm1: null, ftrsNorm2: stand, ftrsSel: null

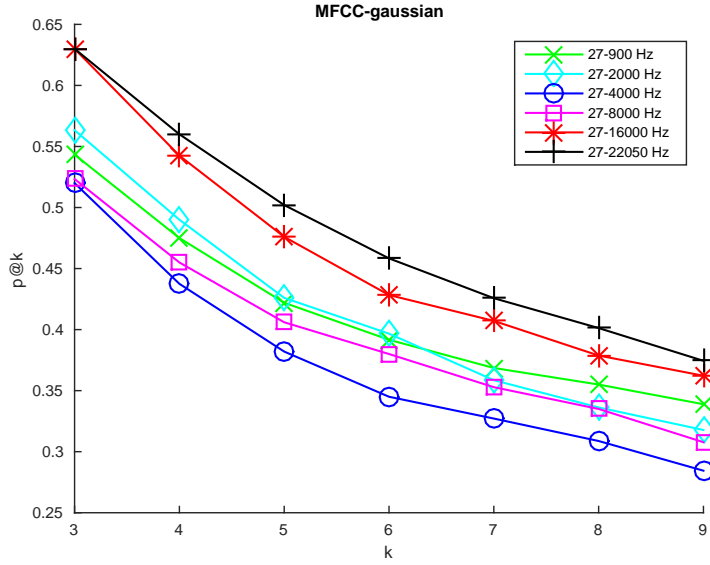


Figure 1: dataset: test, features: mfcc, framing_short: 0,025_0,05, mfccRank: 13, mfccCoefo: 0, ftrsNorm1: null, ftrsNorm2: null, ftrsSel: null, distance: gaussian_full, nn: 0.1

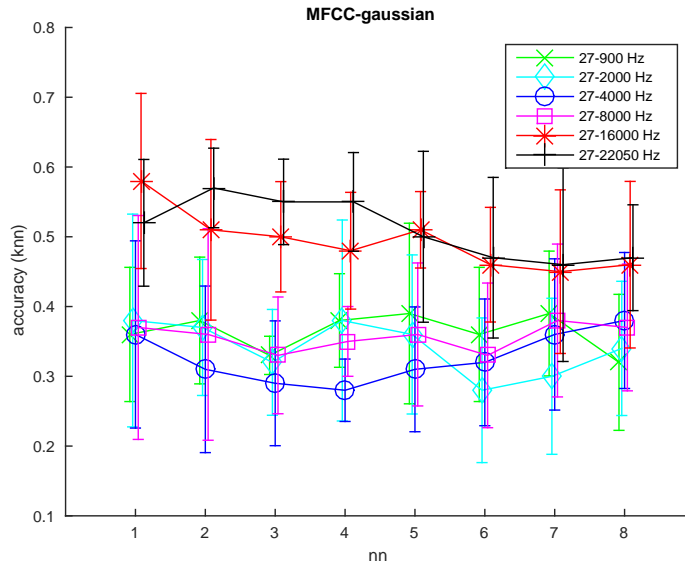


Figure 2: dataset: test, features: mfcc, framing_short: 0,025_0,05, mfccRank: 13, mfccCoefo: 0, ftrsNorm1: null, ftrsNorm2: null, ftrsSel: null, distance: gaussian_full, nn: 0.1

ftrsNorm_scatter_selection	ftrsNorm_scatter_threshold	pa3	pa4	pa5	pa6	pa7	pa8	pa9
0.90	0.00	0.60	0.52	0.48	0.44	0.42	0.40	0.38
0.90	0.10	0.65	0.55	0.51	0.47	0.45	0.43	0.41
1.00	0.00	0.60	0.53	0.49	0.46	0.42	0.40	0.39
1.00	0.10	0.68	0.60	0.55	0.50	0.48	0.47	0.44

Table 5: dataset: test, features: scatteringV, ftrsNorm1: null, ftrsNorm_scatter_log: 0, ftrsSel: null, distance: gaussian_full, nn: 0.1

ftrsNorm_scatter_selection	ftrsNorm_scatter_threshold	pa3	pa4	pa5	pa6	pa7	pa8	pa9
0.90	0.00	0.73	0.66	0.62	0.58	0.55	0.52	0.49
0.90	0.10	0.73	0.66	0.62	0.58	0.55	0.52	0.49
1.00	0.00	0.72	0.67	0.62	0.57	0.54	0.51	0.49
1.00	0.10	0.72	0.67	0.62	0.57	0.54	0.51	0.49

Table 6: dataset: test, features: scatteringV, ftrsNorm1: null, ftrsNorm_scatter_log: 1, ftrsSel: null, distance: gaussian_full, nn: 0.1

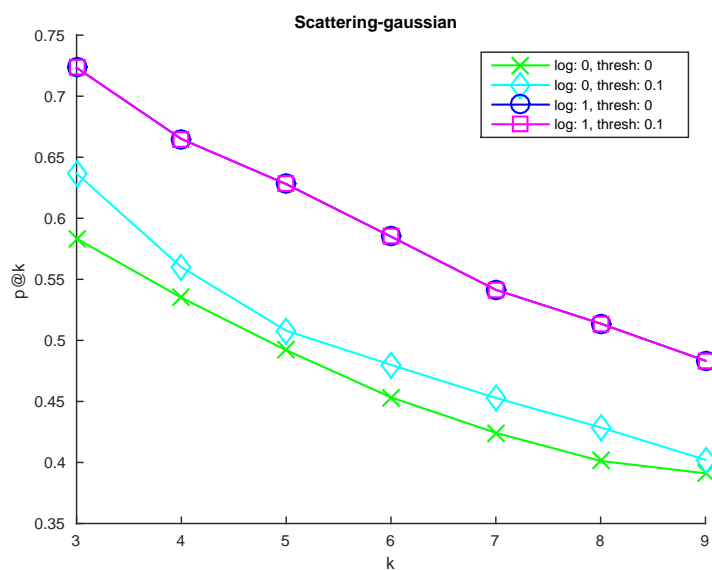


Figure 3: dataset: test, features: scatteringV, ftrsNorm1: null, ftrsNorm_scat_selection: 0.9, ftrsSel: null, distance: gaussian_full, nn: 0.04

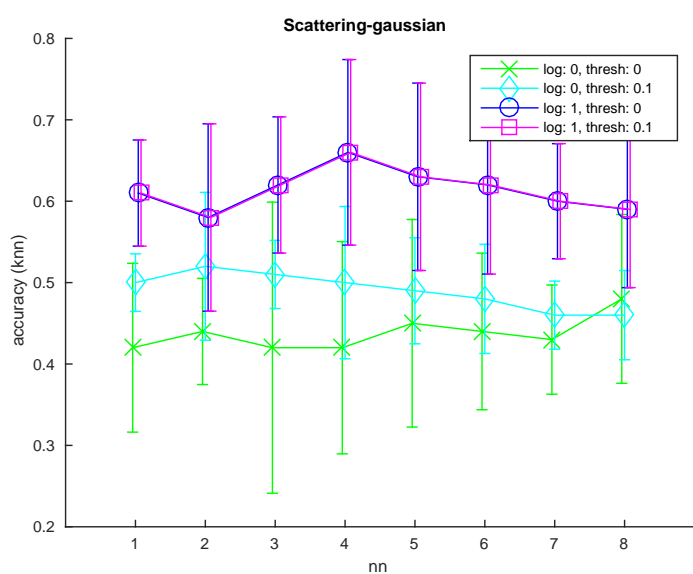


Figure 4: dataset: test, features: scatteringV, ftrsNorm1: null, ftrsNorm_scat_selection: 0.9, ftrsSel: null, distance: gaussian_full, nn: 0.04

nn	Ac1	Ac2	Ac3	Ac4	Ac5	Ac6	Ac7	Ac8
0.02	0.60±0.07	0.58±0.09	0.62±0.08	0.66±0.15	0.61±0.11	0.60±0.10	0.62±0.09	0.60±0.07
0.04	0.61±0.07	0.58±0.12	0.62±0.08	0.66±0.11	0.63±0.12	0.62±0.11	0.60±0.07	0.59±0.10
0.08	0.60±0.07	0.58±0.10	0.62±0.08	0.63±0.14	0.65±0.09	0.63±0.12	0.59±0.10	0.60±0.07
0.10	0.61±0.07	0.58±0.12	0.61±0.09	0.62±0.14	0.65±0.10	0.64±0.11	0.60±0.09	0.60±0.07

Table 7: dataset: test, features: scatteringV, ftrsNorm1: null, ftrsNorm_scat_log: 1, ftrsNorm_scat_selection: 0.9, ftrsNorm_scat_threshold: 0.1, ftrsSel: null, distance: gaussian_full

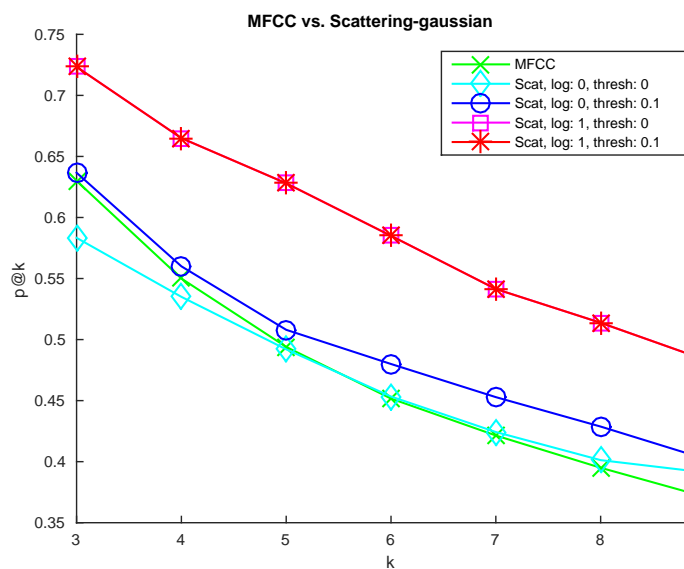


Figure 5: dataset: test, framing_short: 0,025_0,05, freqRange: 27,5_22050, mfccRank: 13, mfccCoefo: 0, ftrsNorm1: null, ftrsNorm2: null, ftrsNorm_scat_selection: 0.9, ftrsSel: null, distance: gaussian_full, nn: 0.04

References

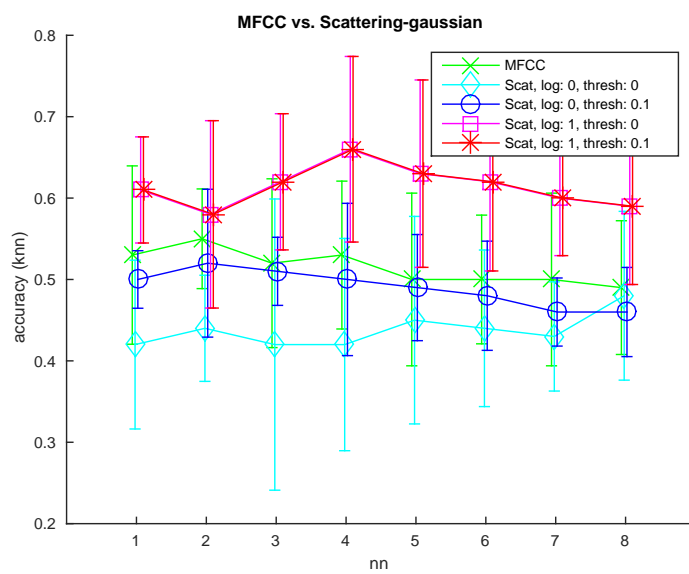


Figure 6: dataset: test, framing_short: 0,025_0,05, freqRange: 27,5_22050, mfccRank: 13, mfccCoefo: 0, ftrsNorm1: null, ftrsNorm2: null, ftrsNorm_scat_selection: 0.9, ftrsSel: null, distance: gaussian_full, nn: 0.04