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file fingerprints
1 "C:\Users\Dragos\Roba\Lectures\YM1.2\Machine Learning\venv\Scripts\python.exe" "C:\Users\Dragos\Roba\Lectures\YM1.2\Machine Learning\b Labs\Lab10\fingerprints.py"
2 Training std GMMs...: 0%|          | 0/2 [00:00<?, ?it/s]
3 LBG iterations...: 0%|          | 0/5 [00:00<?, ?it/s]
4 LBG iterations...: 20%|██        | 1/5 [00:09<00:37, 9.42s/it]
5 LBG iterations...: 40%|██████    | 2/5 [00:57<01:36, 32.02s/it]
6 LBG iterations...: 60%|██████████| 3/5 [01:39<01:13, 36.92s/it]
7 LBG iterations...: 80%|██████████| 4/5 [03:20<01:02, 62.13s/it]
8 LBG iterations...: 100%|██████████| 5/5 [11:03<00:00, 132.76s/it]
9 Training std GMMs...: 50%|██████    | 1/2 [11:03<11:03, 663.81s/it]
10 LBG iterations...: 0%|          | 0/5 [00:00<?, ?it/s]
11 LBG iterations...: 20%|██        | 1/5 [00:04<00:17, 4.34s/it]
12 LBG iterations...: 40%|██████    | 2/5 [00:21<00:35, 11.86s/it]
13 LBG iterations...: 60%|██████████| 3/5 [01:21<01:07, 33.99s/it]
14 LBG iterations...: 80%|██████████| 4/5 [03:10<01:03, 63.43s/it]
15 LBG iterations...: 100%|██████████| 5/5 [06:54<00:00, 82.90s/it]
16 Training std GMMs...: 100%|██████████| 2/2 [17:58<00:00, 539.15s/it]
17 Evaluating std GMMs...: 100%|██████████| 6/6 [00:27<00:00, 4.64s/it]
18 Training diag GMMs...: 0%|          | 0/2 [00:00<?, ?it/s]
19 LBG iterations...: 0%|          | 0/5 [00:00<?, ?it/s]
20 LBG iterations...: 20%|██        | 1/5 [00:10<00:40, 10.19s/it]
21 LBG iterations...: 40%|██████    | 2/5 [00:52<01:27, 29.27s/it]
22 LBG iterations...: 60%|██████████| 3/5 [02:07<01:39, 49.95s/it]
23 LBG iterations...: 80%|██████████| 4/5 [08:11<02:54, 174.09s/it]
24 LBG iterations...: 100%|██████████| 5/5 [17:30<00:00, 210.03s/it]
25 Training diag GMMs...: 50%|██████    | 1/2 [17:30<17:30, 1050.13s/it]
26 LBG iterations...: 0%|          | 0/5 [00:00<?, ?it/s]
27 LBG iterations...: 20%|██        | 1/5 [00:24<01:36, 24.03s/it]
28 LBG iterations...: 40%|██████    | 2/5 [00:34<00:47, 15.84s/it]
29 LBG iterations...: 60%|██████████| 3/5 [02:25<01:59, 59.67s/it]
30 LBG iterations...: 80%|██████████| 4/5 [07:24<02:34, 154.09s/it]
31 LBG iterations...: 100%|██████████| 5/5 [13:27<00:00, 161.43s/it]
32 Training diag GMMs...: 100%|██████████| 2/2 [30:57<00:00, 928.65s/it]
33 Evaluating diag GMMs...: 100%|██████████| 6/6 [00:27<00:00, 4.67s/it]
34 +-----+-----+-----+-----+-----+-----+-----+
35 | #GMMcomponents |      1      |      2      |      4      |      8      |     16     |     32     |
36 +-----+-----+-----+-----+-----+-----+-----+
37 |      std      | 0.1302 / 0.1399 | 0.1062 / 0.1072 | 0.0568 / 0.0629 | 0.0578 / 0.063 | 0.0649 / 0.066 | 0.0741 / 0.0769 |
38 |      diag      | 0.1311 / 0.1439 | 0.1221 / 0.127 | 0.0549 / 0.0591 | 0.058 / 0.059 | 0.0561 / 0.062 | 0.0583 / 0.0669 |
39 +-----+-----+-----+-----+-----+-----+-----+
40
41 Process finished with exit code 0
42
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