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1 /usr/local/Cellar/python/2.7.14/Frameworks/Python.framework/Versions/2.7/bin/python2.7 /Users/
  NancyFan/workspace/RomanUU/landmark_face.py
2 load neutral pics
3 ...Neutral emotion: [56.938511326860784, 121.69579288025889, 74.62135922330091, 104.
  00000000000003, 100.25566343042078, 98.1294498381877, 126.78317152103564, 100.85760517799349,
  152.85113268608433, 109.47249190938501, 193.83495145631073, 109.14563106796126, 219.
  27508090614896, 99.71844660194168, 245.90614886731396, 96.41747572815542, 271.7346278317146,
  101.60194174757275, 290.12944983818795, 118.94822006472492, 87.58252427184472, 143.
  38834951456292, 102.34304207119733, 133.20388349514596, 121.34951456310687, 132.66990291262132
  , 138.65372168284802, 144.7411003236246, 120.5760517799353, 149.3398058252426, 101.
  71521035598698, 149.90938511326854, 209.64401294498387, 143.92880258899686, 226.12297734627836
  , 131.64077669902915, 245.26537216828478, 131.48220064724958, 260.9158576051779, 141.
  3915857605178, 246.24595469255664, 148.19417475728167, 227.08414239482187, 147.93527508090614,
  124.80258899676369, 271.9902912621359, 143.2686084142395, 260.495145631068, 161.54368932038852
  , 253.24271844660203, 175.42394822006455, 256.96440129449854, 188.43042071197414, 252.
  99029126213603, 207.10032362459526, 259.5889967637538, 226.4983818770226, 270.49190938511333,
  218.3527508090615, 270.3656957928802, 189.01294498381878, 267.23624595469295, 175.
  58576051779934, 268.8770226537219, 161.51456310679617, 267.42071197411025, 132.93851132686072,
  271.66343042071145, 226.4983818770226, 270.49190938511333, 208.06148867313934, 282.
  11003236245983, 190.11326860841433, 287.72815533980577, 176.0000000000002, 289.1326860841426,
  161.26213592232986, 288.03559870550185, 143.346278317152, 282.909385113269, 124.80258899676369
  , 271.9902912621359, 132.93851132686072, 271.66343042071145, 161.5469255663433, 268.
  6019417475732, 175.56634304207128, 270.1618122977345, 189.0388349514562, 268.3462783171525, 218
  .3527508090615, 270.3656957928802]
4 load anger pics
5 load contempt pics
6 load disgust pics
7 load fear pics
8 load happy pics
9 load sadness pics
10 load surprise pics
11 load data END
12 (334, 92) [[ -6.93851133    4.30420712  -0.62135922 ...,  -7.34627832  -0.35275081

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46 Computing t-SNE embedding
47 Computing PCA embedding
48 Computing LDA embedding
49
50 detect neutral, train set size: 514 , test set size: 129
51 Train Model...
52 models saved
53
54 SVC(C=1.0, cache_size=200, class_weight=None, coef0=0.0,
55     decision_function_shape=None, degree=3, gamma='auto', kernel='linear',
56     max_iter=-1, probability=False, random_state=None, shrinking=True,
57     tol=0.001, verbose=False)
58 train set score: 1.0
59 test set score: 1.0
60
61 SVC(C=1.0, cache_size=200, class_weight=None, coef0=0.0,
62     decision_function_shape=None, degree=3, gamma='auto', kernel='poly',
63     max_iter=-1, probability=False, random_state=None, shrinking=True,
64     tol=0.001, verbose=False)
65 train set score: 1.0
66 test set score: 1.0
67
68 SVC(C=1.0, cache_size=200, class_weight=None, coef0=0.0,
69     decision_function_shape=None, degree=3, gamma='auto', kernel='rbf',
70     max_iter=-1, probability=False, random_state=None, shrinking=True,
71     tol=0.001, verbose=False)
72 train set score: 1.0
73 test set score: 0.658914728682
74
75 SVC(C=1.0, cache_size=200, class_weight=None, coef0=0.0,
76     decision_function_shape=None, degree=3, gamma='auto', kernel='sigmoid',
77     max_iter=-1, probability=False, random_state=None, shrinking=True,
78     tol=0.001, verbose=False)
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79 train set score: 0.54280155642
80 test set score: 0.565891472868
81 Classify emotion, train set size: 267 , test set size: 67
82 Train Model...
83 models saved
84
85 SVC(C=1.0, cache_size=200, class_weight=None, coef0=0.0,
86     decision_function_shape=None, degree=3, gamma='auto', kernel='linear',
87     max_iter=-1, probability=False, random_state=None, shrinking=True,
88     tol=0.001, verbose=False)
89 train set score: 1.0
90 test set score: 0.880597014925
91
92 SVC(C=1.0, cache_size=200, class_weight=None, coef0=0.0,
93     decision_function_shape=None, degree=3, gamma='auto', kernel='poly',
94     max_iter=-1, probability=False, random_state=None, shrinking=True,
95     tol=0.001, verbose=False)
96 train set score: 1.0
97 test set score: 0.716417910448
98
99 SVC(C=1.0, cache_size=200, class_weight=None, coef0=0.0,
100     decision_function_shape=None, degree=3, gamma='auto', kernel='rbf',
101     max_iter=-1, probability=False, random_state=None, shrinking=True,
102     tol=0.001, verbose=False)
103 train set score: 1.0
104 test set score: 0.253731343284
105
106 SVC(C=1.0, cache_size=200, class_weight=None, coef0=0.0,
107     decision_function_shape=None, degree=3, gamma='auto', kernel='sigmoid',
108     max_iter=-1, probability=False, random_state=None, shrinking=True,
109     tol=0.001, verbose=False)
110 train set score: 0.374531835206
111 test set score: 0.44776119403
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112

113 Process finished with exit code 0

114