

Active Learning for Computer Vision Curriculum

Project 7 Solution: Multi-label Active Learning

Total Points Possible: 50

Problem 1 (25 points)

Accuracy using SVM Poly kernel degree 2: 64.24%

Accuracy using SVM Gaussian kernel degree 2: 68.79%

Problem 2 (25 points)

A sample output is shown below. The correct answer should resemble this output.

Note: this graph is from the LMAL paper by Wu et al. (discussed in the lecture material). This experiment was conducted on the Scene dataset but with different training, unlabeled and test splits. Thus, the output using the given data may not exactly match this output. This should just be used as a reference.

