Some observations

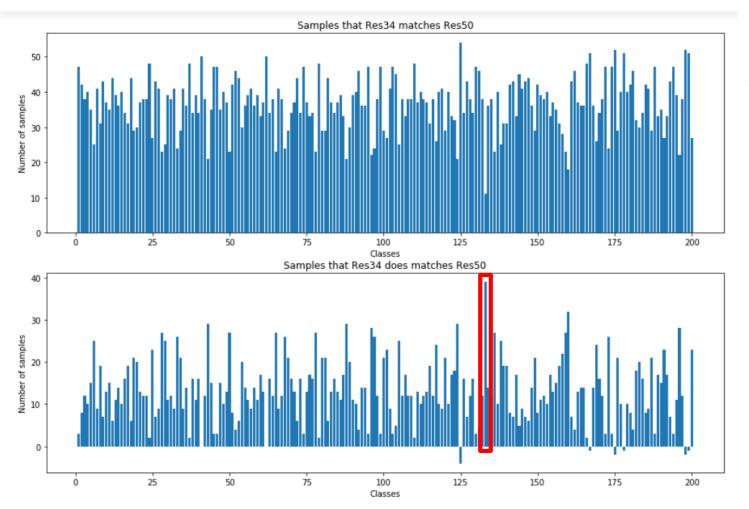
From results:

- Misclassified classes tend to be small objects and their photos were taken from various angles/perspectives
- Most recognized classes tend to be large object (e.g. scenic view, monument) and their photos mostly taken from the same angle/distance.

Ways Forward

 Degree of rotation might play an important role for DA because we need to be better at capturing misclassified/rotating objects

Top Misclassified Classes



No 1: Class 132 Matches = 11/50

Pole/Pillar













n03976657_101.JPEG n03976657_102.JPEG 2.01 KB 1.37 KB



n03976657_103.JPEG 2.11 KB

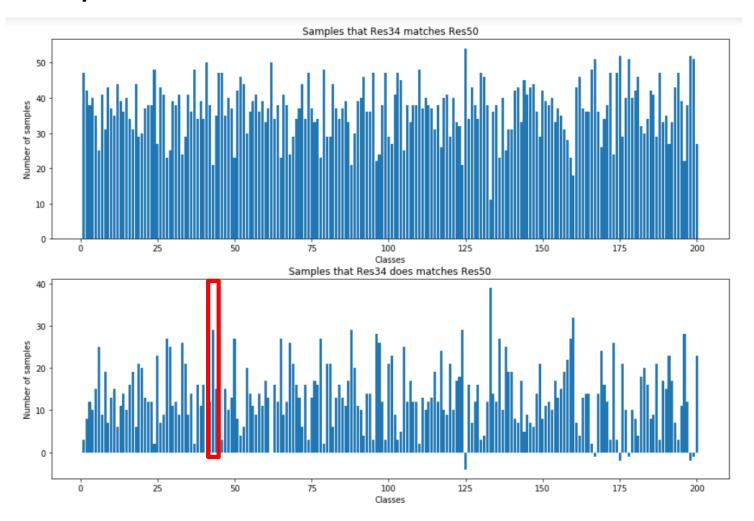


n03976657_104.JPEG 1.91 KB



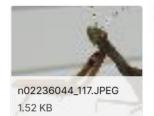
n03976657_105.JPEG 1.62 KB

Top Misclassified Classes



No 2: Class 42 Matches = 21/50

grasshopper











1.62 KB





n02236044_120.JPEG 1.98 KB

n02236044_121.JPEG 1.19 KB



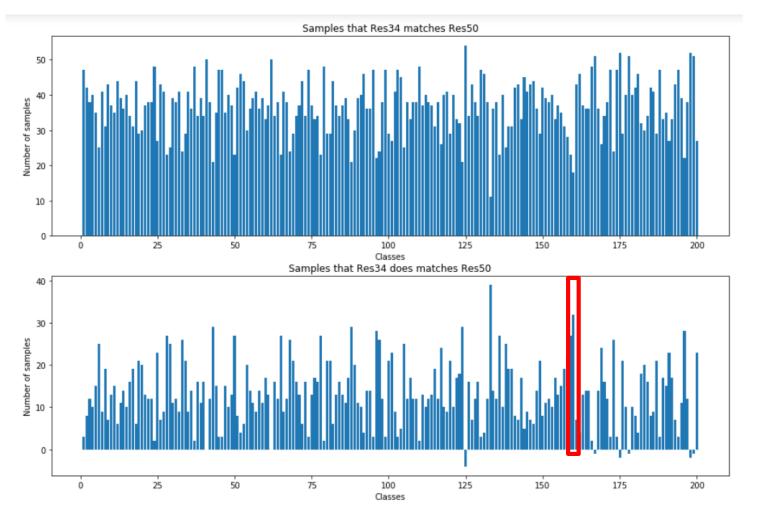


n02236044_122.JPEG 1.43 KB

n02236044_123.JPEG 1.96 KB

n02236044_124.JPEG 1.62 KB

Top Misclassified Classes



No 3: Class 158 Matches = 23/50

Swimming Pants



n04371430_0.JPEG 1.55 KB



n04371430_1.JPEG 1.82 KB



n04371430_10.JPEG 1.48 KB



n04371430_100.JPEG 2.53 KB



n04371430_101.JPEG 2.04 KB



n04371430_102.JPEG 1.91 KB



n04371430_103.JPEG 1.5 KB

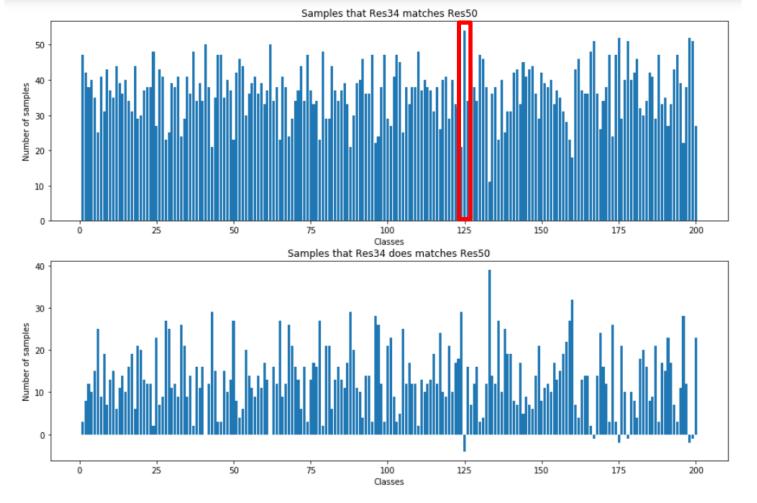


n04371430_104.JPEG 2.06 KB



n04371430_105.JPEG 2.08 KB

Most Recognized Classes



No 1: Class 124 Matches = 54/50

Pillar Monument





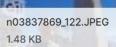


n03837869_12.JPEG 1.52 KB



n03837869_121.JPEG 1.67 KB



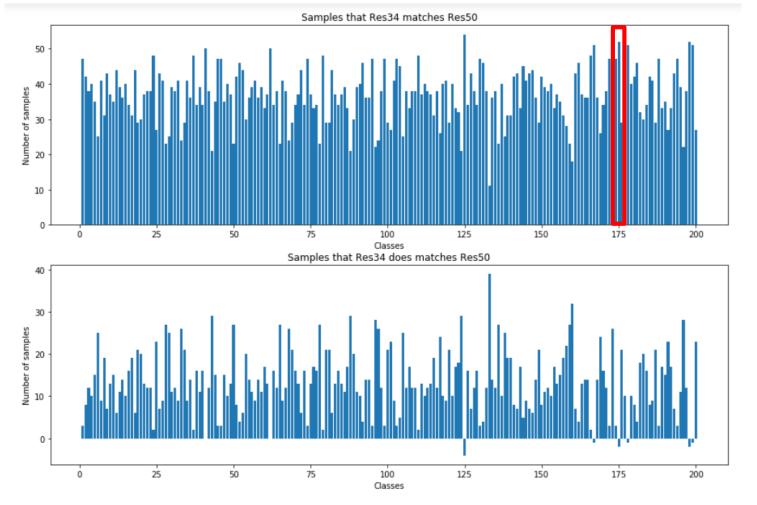




1.25 KB



Most Recognized Classes



No 2: Class 174 Matches = 52/50

Cooking Pan



n04596742_106.JPEG 2.35 KB



2.25 KB



1.86 KB



n04596742_109.JPEG 1.77 KB



n04596742_11.JPEG 2.18 KB



n04596742_110.JPEG 2.12 KB



n04596742_111.JPEG 1.8 KB

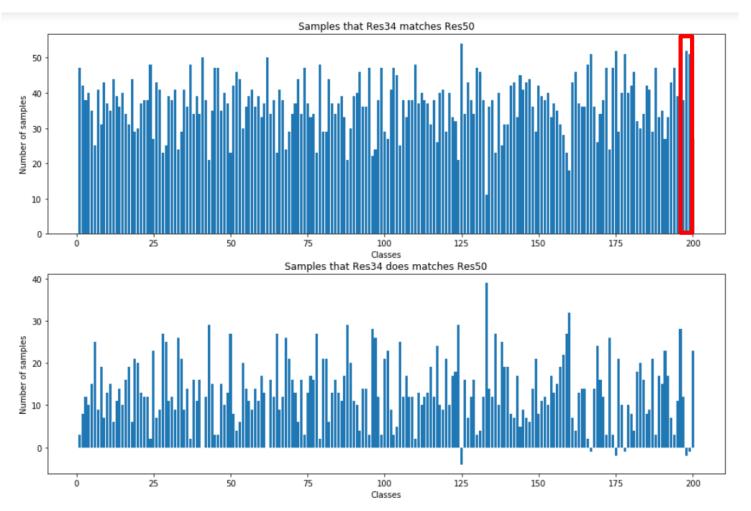


n04596742_112.JPEG 1.69 KB



n04596742_113.JPEG 2.17 KB

Most Recognized Classes

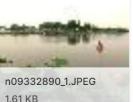


No 2: Class 197 Matches = 52/50

Lake



n09332890_0.JPEG 1.59 KB



1.61 KB





n09332890_100.JPEG 1.86 KB



n09332890_101.JPEG 1.39 KB





n09332890_103.JPEG 1.75 KB



n09332890_104.JPEG 2.08 KB



n09332890_105.JPEG 1.73 KB