Dep\_sep

1 : Same

7 : Same

11 : Same

13 : Same

20 : Did not detect the car near bus-stop however, misplaced the 2nd bounding box on the car with a high BB

25 : Same

29 : Same

32 : Same

33 : Misplaced BB for Ped but just 1 BB and not multiple

36 : Additional cyc. Predicted in place of a ped.

40 : Same

42 : Same

49 : Same

50 : Doesn’t predict cyclist.. Perfect prediction

53 : Doesn’t mispredict ped as cyclist

54 : BB for small car worse than complex-yolo

60 : same

65 : same

66 : same

67 : Perfectly predicted the BB for ped.

78 : same

81 : Car is not detected behind speed limit sign

85 : Perfectly classified and bounded the ped.

88 : Multiple BB predicted for just 2 ped; Ped. Misclassified as a car (compare with complex-yolo)

PeleeNet\_v1

1 : Same

7 : Same

11 : Same

13 : Misclassified car top-left but correctly predicted the hardly visible distant car

20 : Did not detect the car near bus-stop however, misplaced the 2nd bounding box on the car

25 : Girl predicted as ped. Correctly but added another FP ped to her left. Misclassified ped. as car & cyc.

29 : Same

32 : mispredicted the cyc. in the centre

33 : detected truck as a car(which is right)

34 : Misplaced BB for Ped. And failed to predict a real Ped. Hidden in the background

36 : Distant cyc. Predicted as a Ped.; mispredicted a car b/w ped.

40 : Same

42 : Same

49 : Pred. cyclist at the centre perfectly

50 : Doesn’t predict cyclist.. Perfect prediction

53 : FP of car on left side

54 : FP of cyc. to the right

60 : same

65 : same

66 : same

67 : Perfectly predicted the BB for ped.

78 : same

81 : incorrect BB for the car at centre

85 : same

88 : Multiple BB predicted for just 2 ped; Ped. and cyc. misclassified as a car (compare with complex-yolo)

MobileNet\_v2

1 : Same

7 : mis-predicted car to the right

11 : Same

13 : same

20 : Perfect prediction

28 : Same

31 : multiple BB with high conf mis-predicted

32 : multiple BB with high conf mis-predicted

33 : multiple BB mispredicted

38 : No prediction

40 : Same

47 : Correct Ped. detection; unable to detect cyc.

48 : Doesn’t predict cyclist.. Perfect prediction

51 : 2 BB for ped.

52 : Better BB for car

58 : same with multiple BB

63 : same

64 : same

65 : ped. not predicted & bounded

76 : no car detected; ped rightly detected but BB misplaced

79 : car hidden in background not detected and BB misplaced

83 : same

86 : Multiple BB predicted for just 2 ped; Ped. misclassified as a car (compare with complex-yolo) and multiple BB for cyc. who is very near, multiple false pred for cyc.

PeleeNet\_v1.2.1

1 : Same

7 : Same

11 : Same

13 : same

20 : Car incorrectly detected to the left and centre

28 : Same

31 : Perfect prediction

32 : same

33 : perfect prediction

39 : Ped. detected as cyc.

41 : Same

48 : Ped. detection misplaced; unable to detect cyc.

49 : Perfect pred

52 : 2 BB for ped., 1 false BB for car and distant ped. detected as cyc.

53 : same

59 : Perfect BB for all cars; Van not detected but the car behind the van is perfectly bounded

64 : same

65 : same

66 : additional BB for Ped. where it is not present

77 : same

80 : BB misplaced for car hidden in background; false car BB

84 : Ped. detected as cyc.

87 : Multiple BB predicted for just 2 ped; Ped. classified correctly but an unwanted BB for cyclist, one cyc. predicted correctly while the other cyc. predicted as a ped. > 2 unneccessary ped. boxes