TP: obs is positive & predicted positive PN : Obs. is positive & predicated negative TN: Obs. is Negative & predicted to Negative FP: Obs. Negative & predicted positive. pred - poisitive - P same: - True :- False X-0-X) Accuracy = TP+TN TP+TN+FP+FN Animalt Non animal F 2) Recall = TP+FN Predi: Animal 15-TP 3) precision = TP TP+FP Non animal FN 12 TN 4) specificity = TN TN+FP Animal Nonanimal

Accuracy - TP+TN

TP+TN+ FP+FN F 15+12+3+1 = 287 = 0.8709 ② Recall = TP = 15 = 15 = 0.9375 3) precision = TP = 15 = 15 = 0.833 (4) Specificity = TN = 12 | 12 = 0.8

Actual class cat + Non cat FPoredicted Cal 10 TP 3 FP Non cat + FN = 11 TN The true FP + FN $= \frac{10+11}{10+11+3+4} = \frac{21}{28} = 20.15$ $Recall = TP = \frac{10}{10+4} = \frac{10}{14} = 0.714$

3) Precision =
$$\frac{TP}{TP+FP} = \frac{10}{10+3} = \frac{10}{13} = 0.769$$

0.533