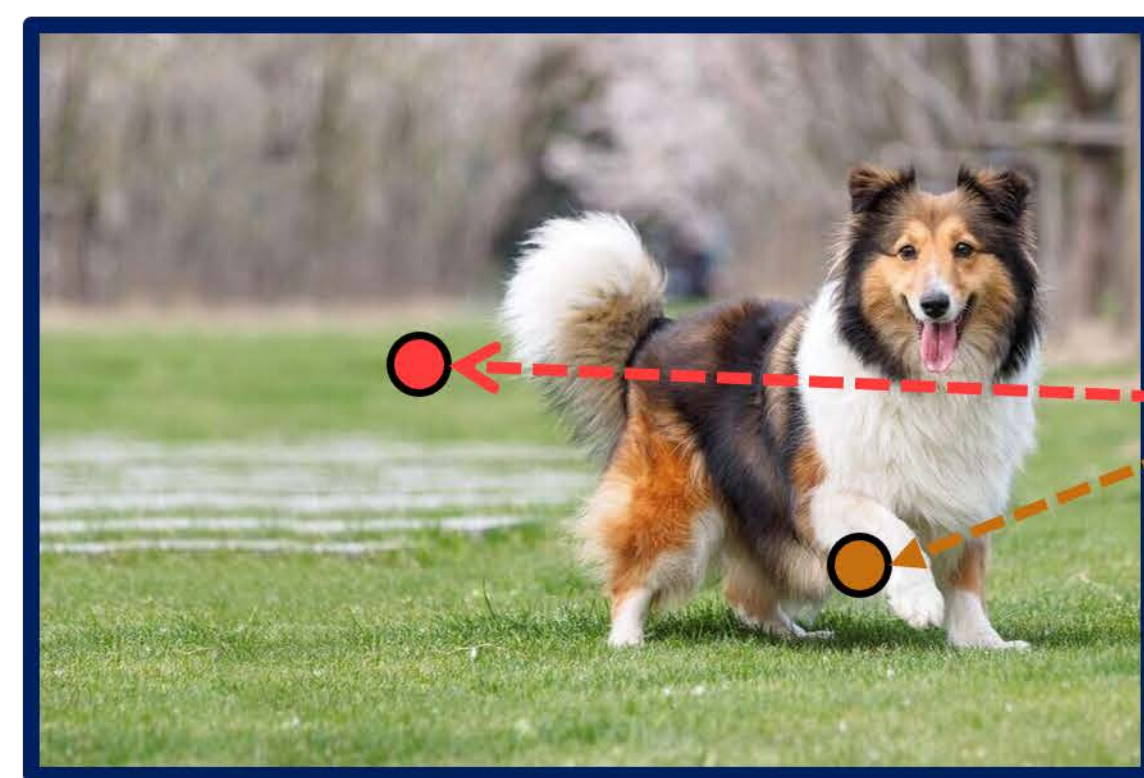


# Method with Foveation and Saccades



Sample 1, Class "dog"

F & S



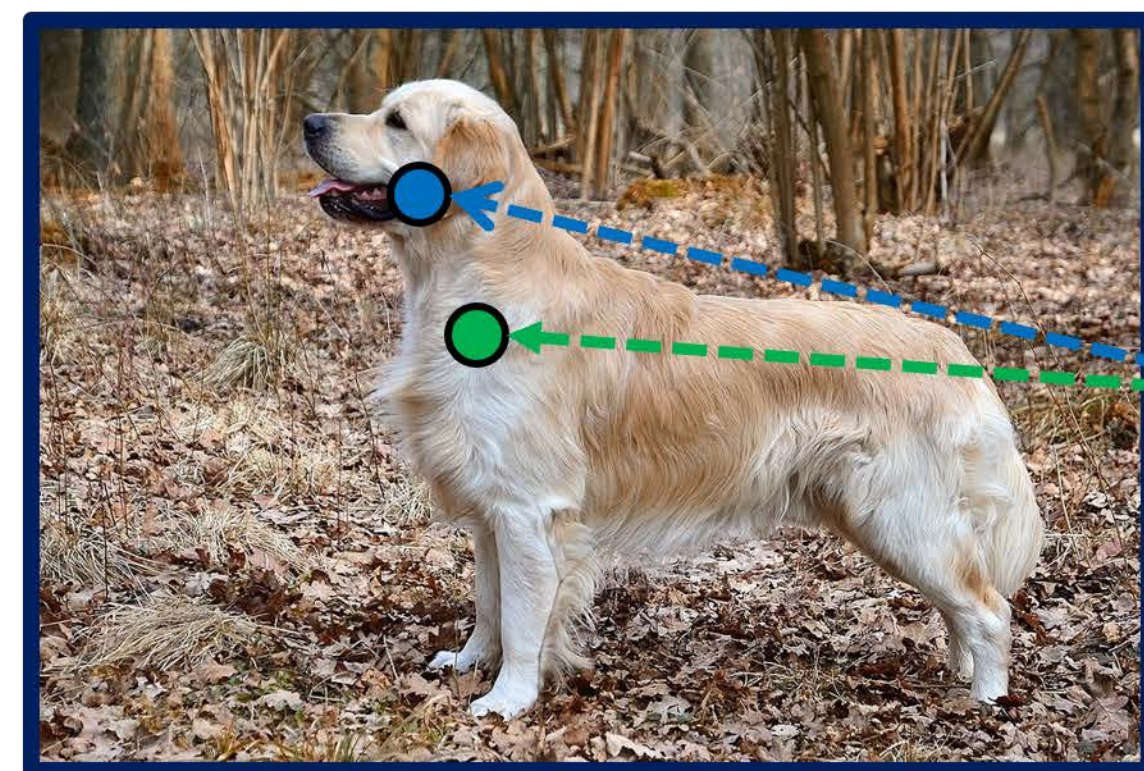
...



...

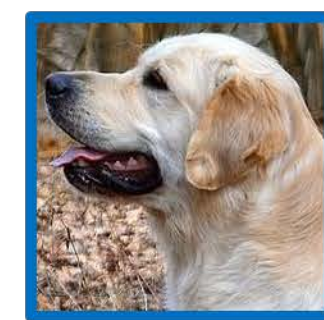


Intra-sample  
views of  
sample 1

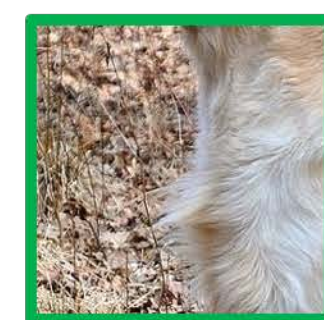
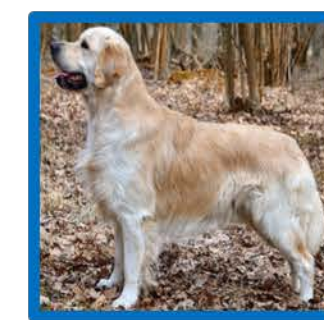
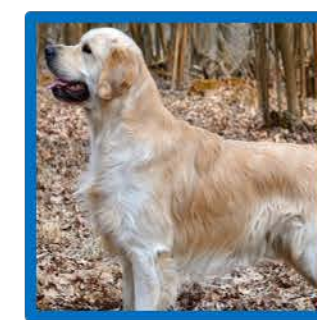


Sample 2, Class "dog"

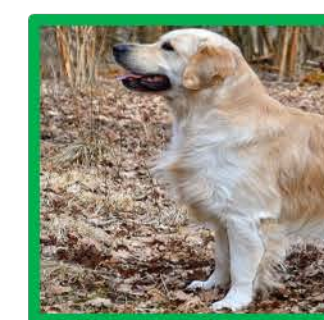
F & S



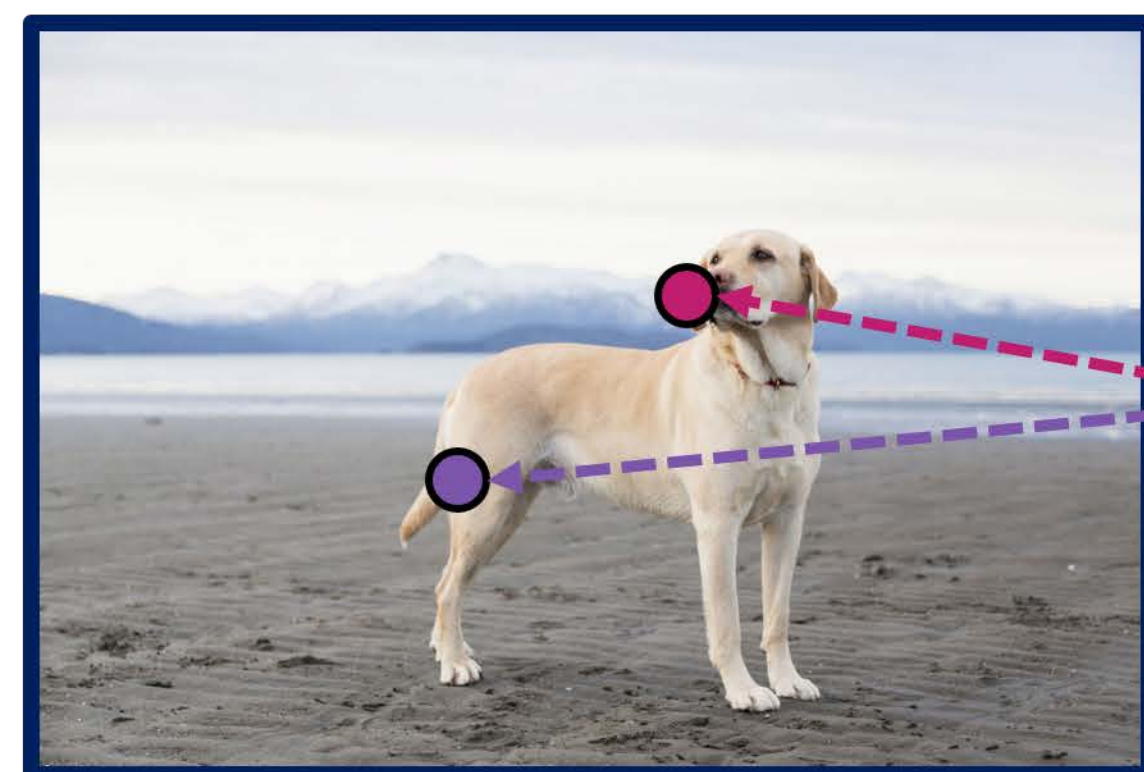
...



...



Intra-sample  
views of  
sample 2

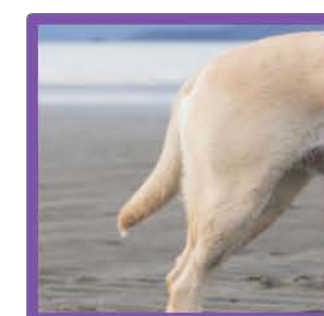


Sample 3, Class "dog"

F & S



...



...



Intra-sample  
views of  
sample 3

Intra-class  
Inter-sample  
views

DNN

diverse and  
expanded  
set of features  
used for training