

## Week 2: EVALUATING MODEL

Video: Sensitivity, Specificity and Evaluation Metrics.

How good is a model?

Accuracy =  $\frac{\text{Examples correctly classified}}{\text{Total number of examples}}$

Ground Truth

Model<sub>2</sub>

Model<sub>1</sub>

Normal	-	-
Normal	+	-
Normal	-	-
Normal	-	-
Normal	-	-
Disease	+	-
Normal	-	-
Disease	+	-
Normal	+	-
Normal	-	-

Model<sub>2</sub> seems better than Model<sub>1</sub>