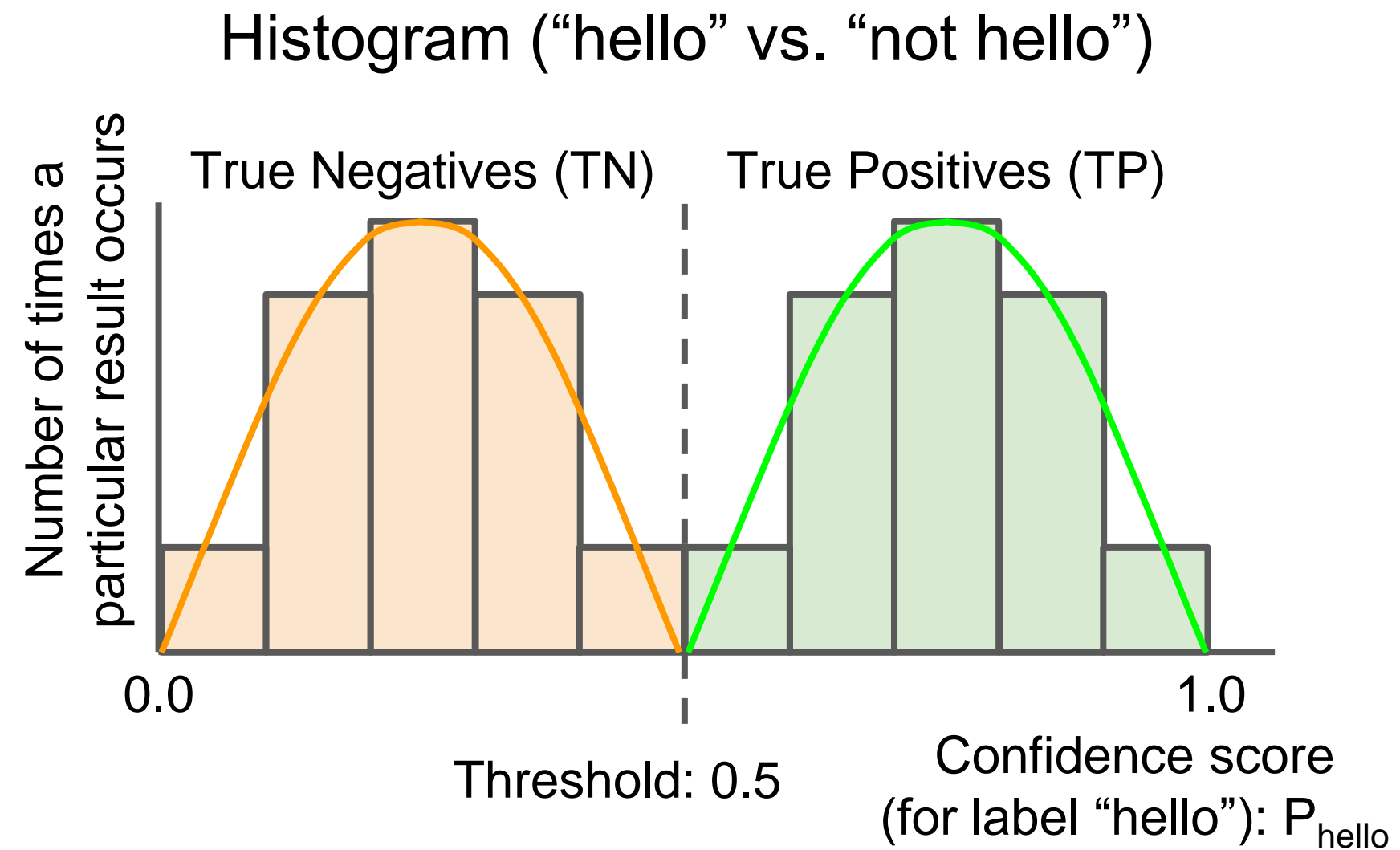
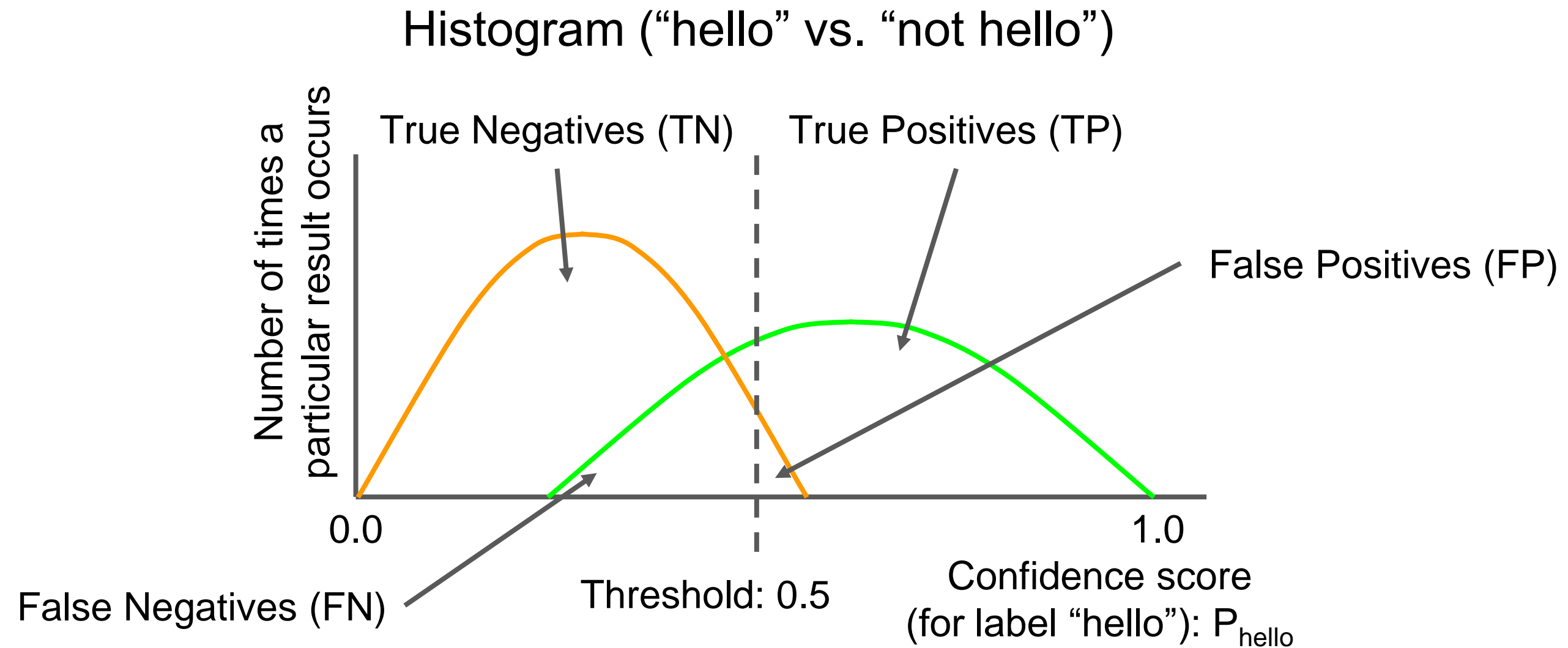


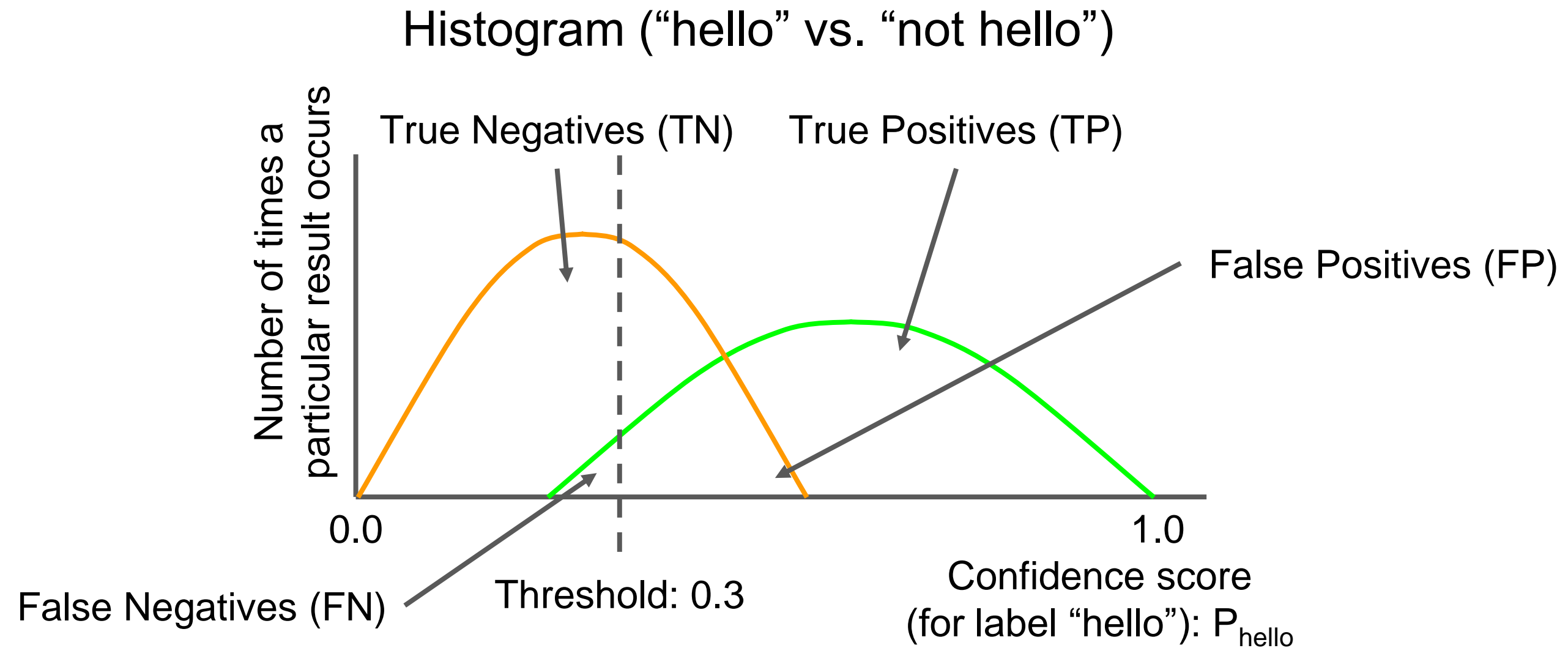
Choosing a Threshold



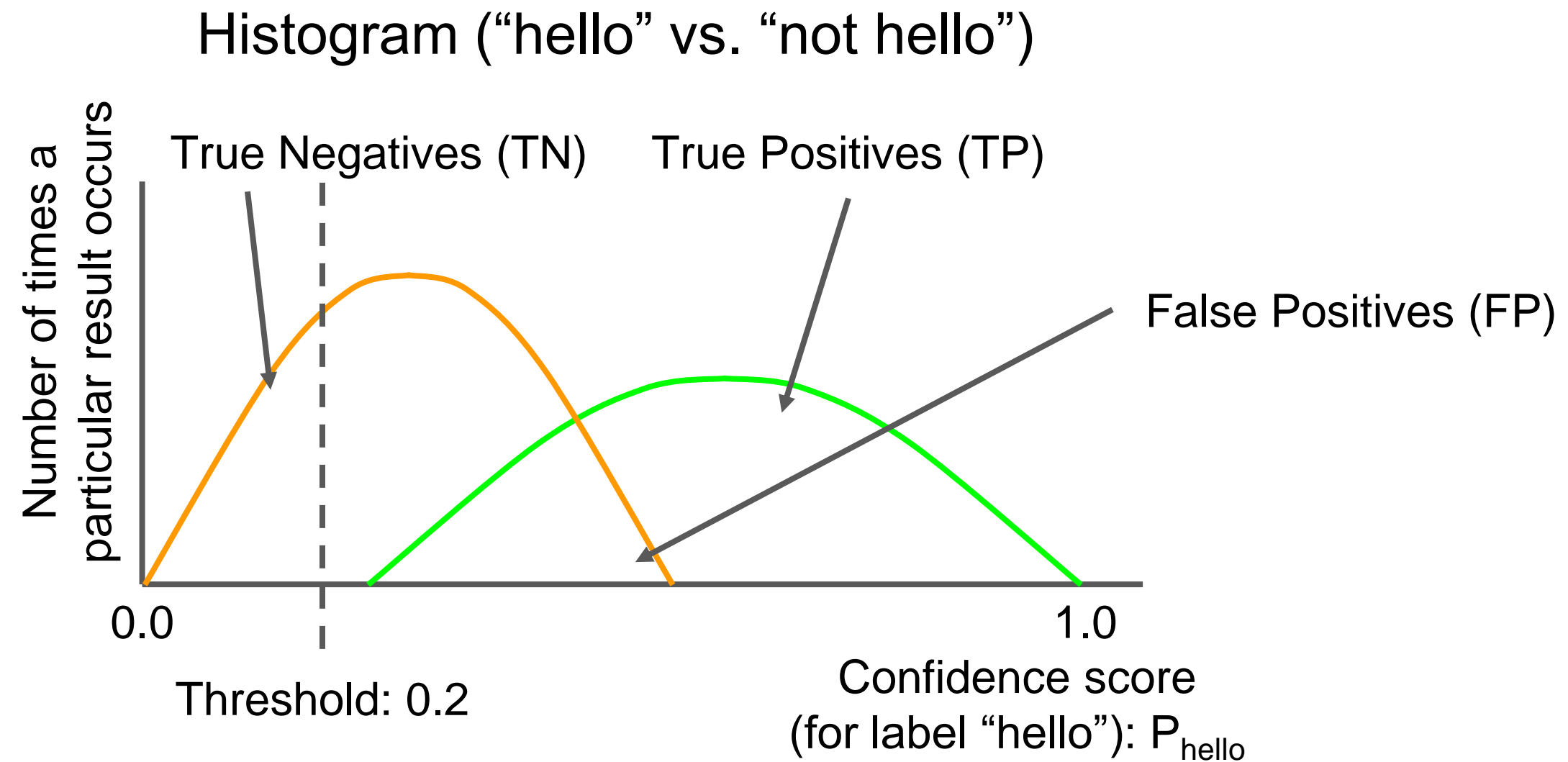
Choosing a Threshold



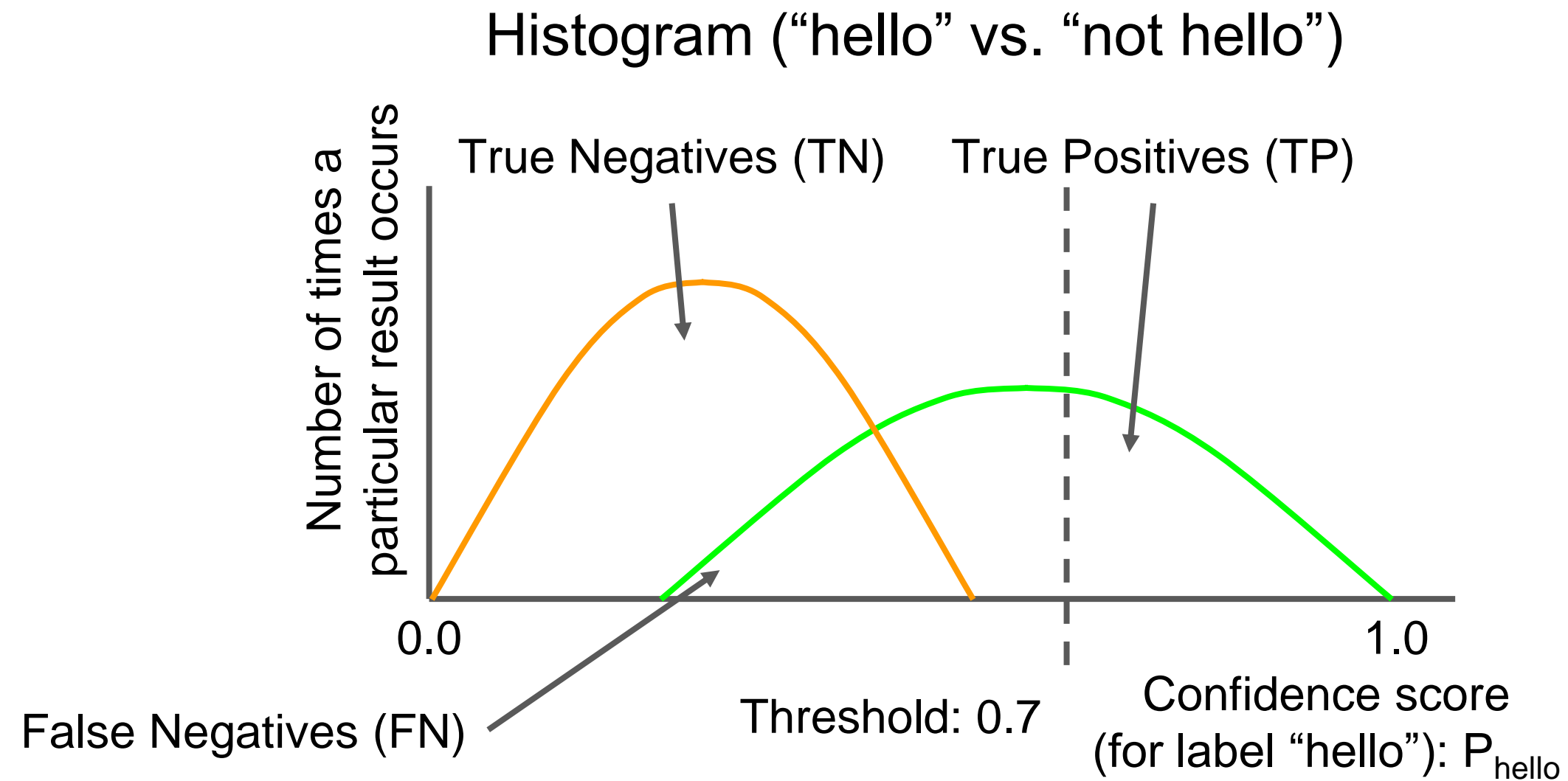
Choosing a Threshold



Choosing a Threshold

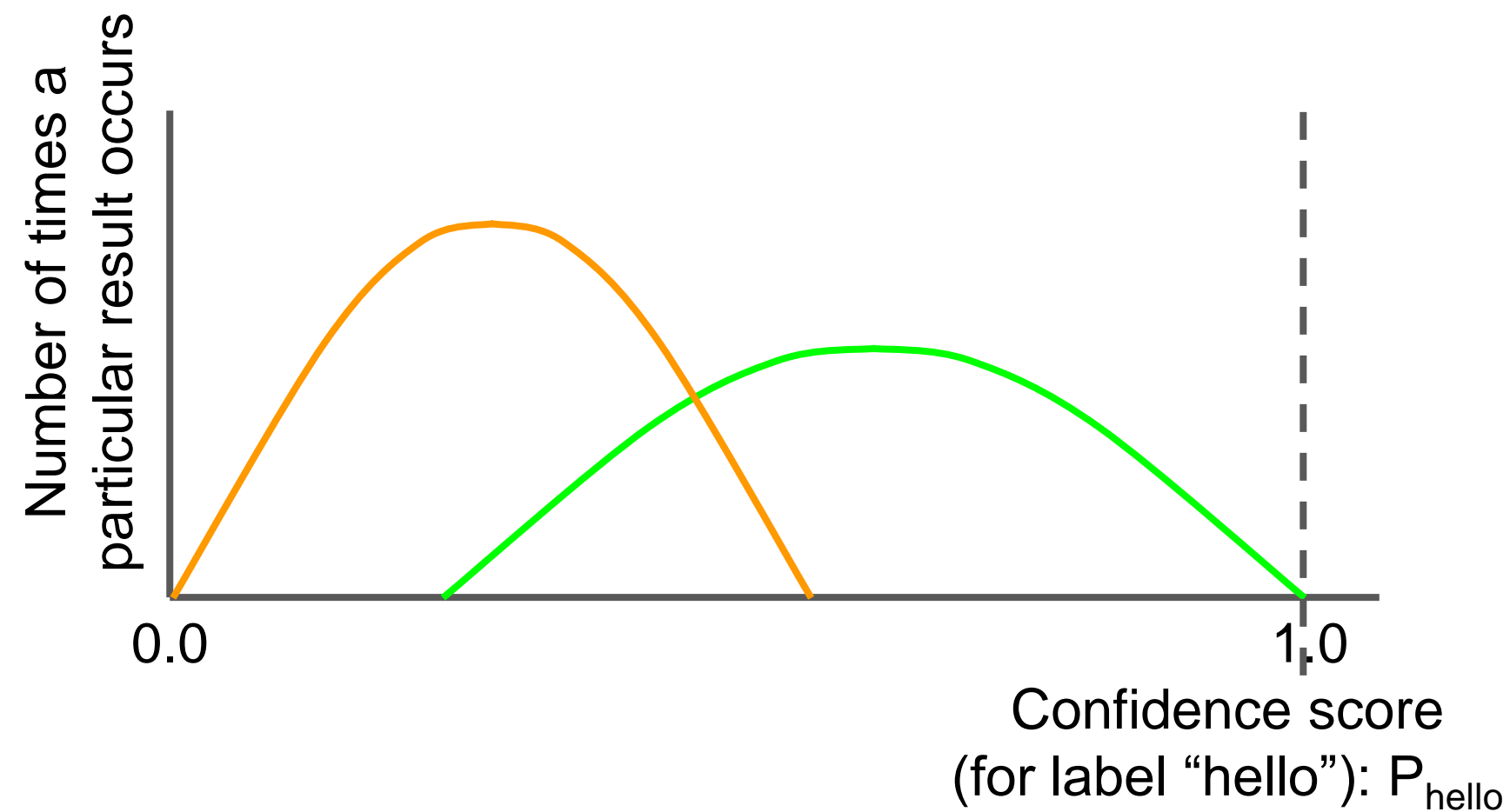


Choosing a Threshold

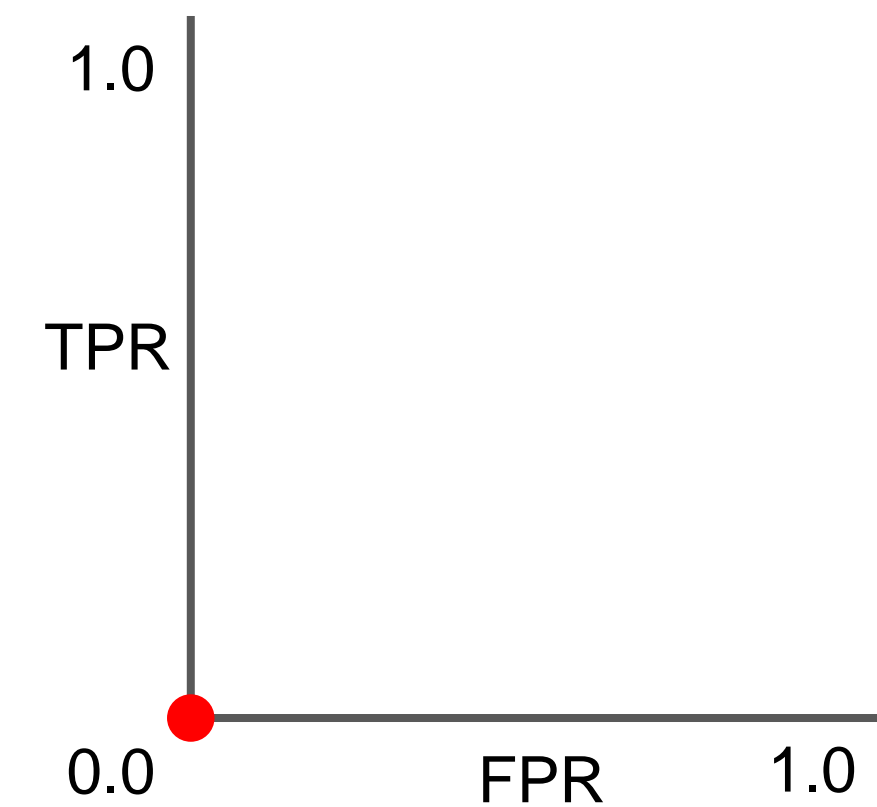


ROC Curve

Histogram (“hello” vs. “not hello”)

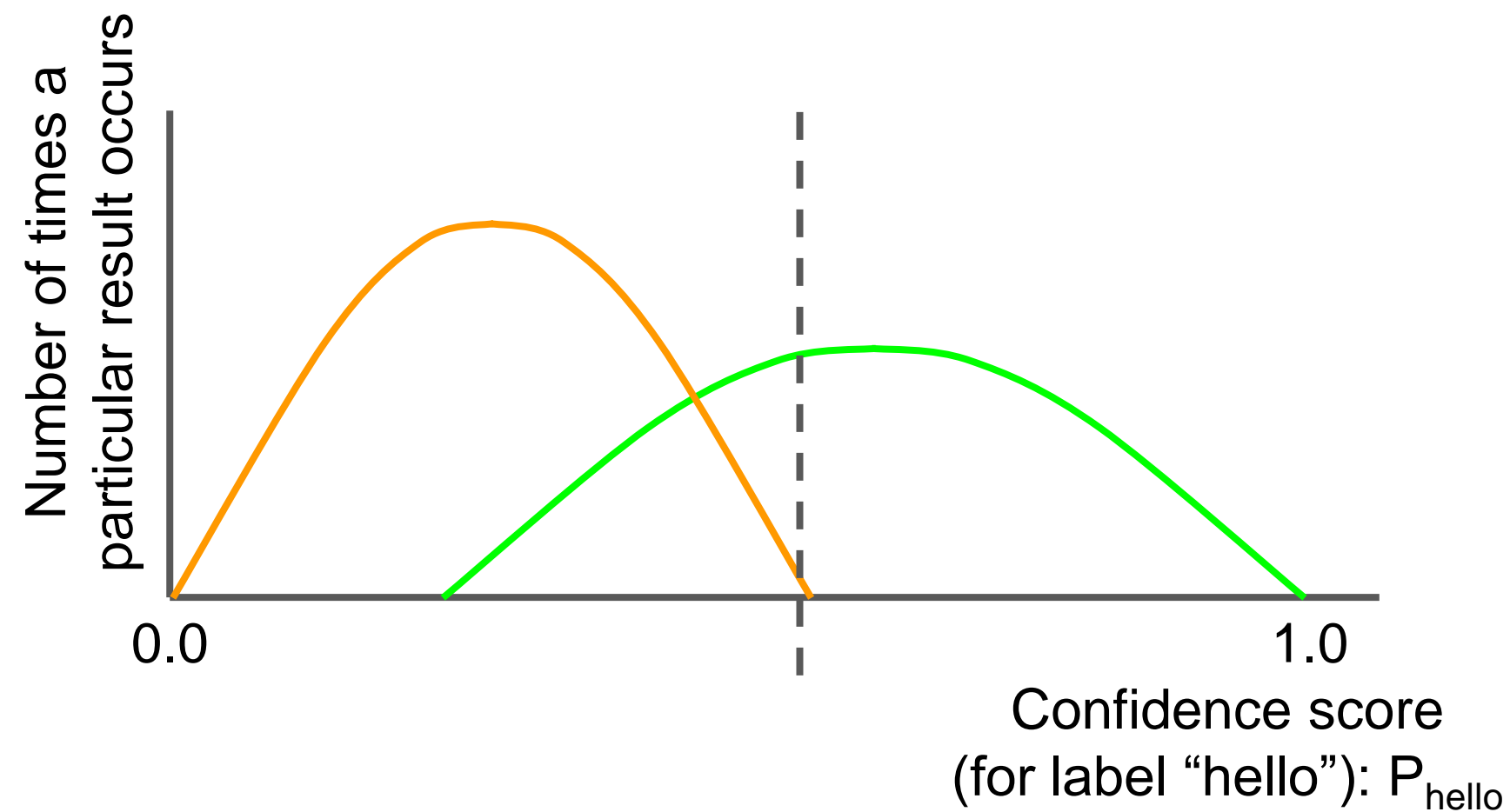


Receiver Operating Characteristics (ROC) Curve

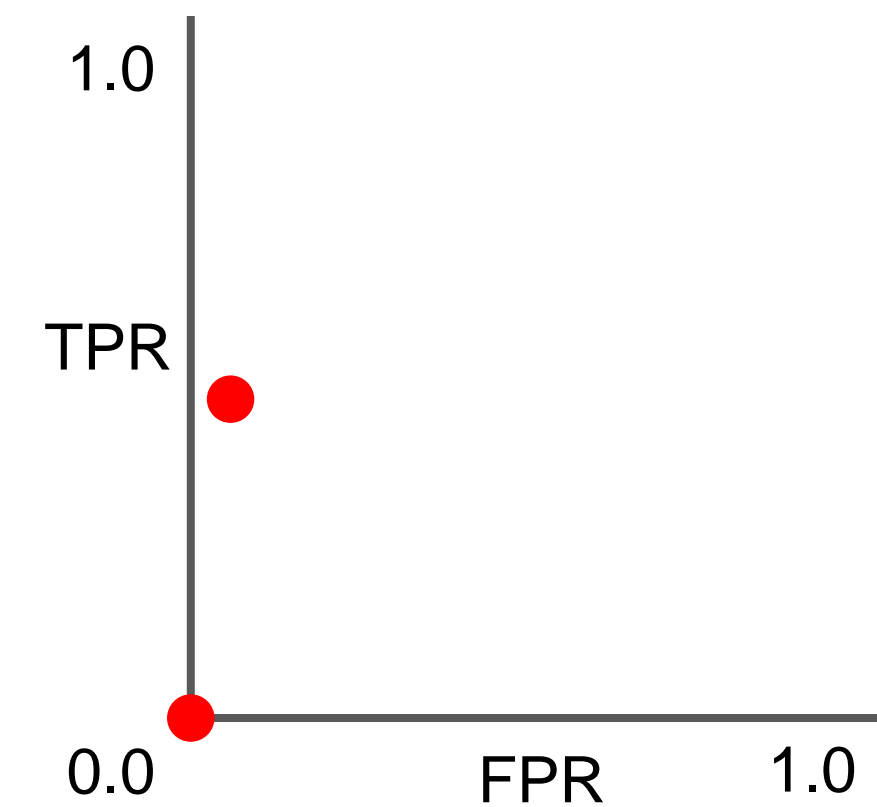


ROC Curve

Histogram (“hello” vs. “not hello”)

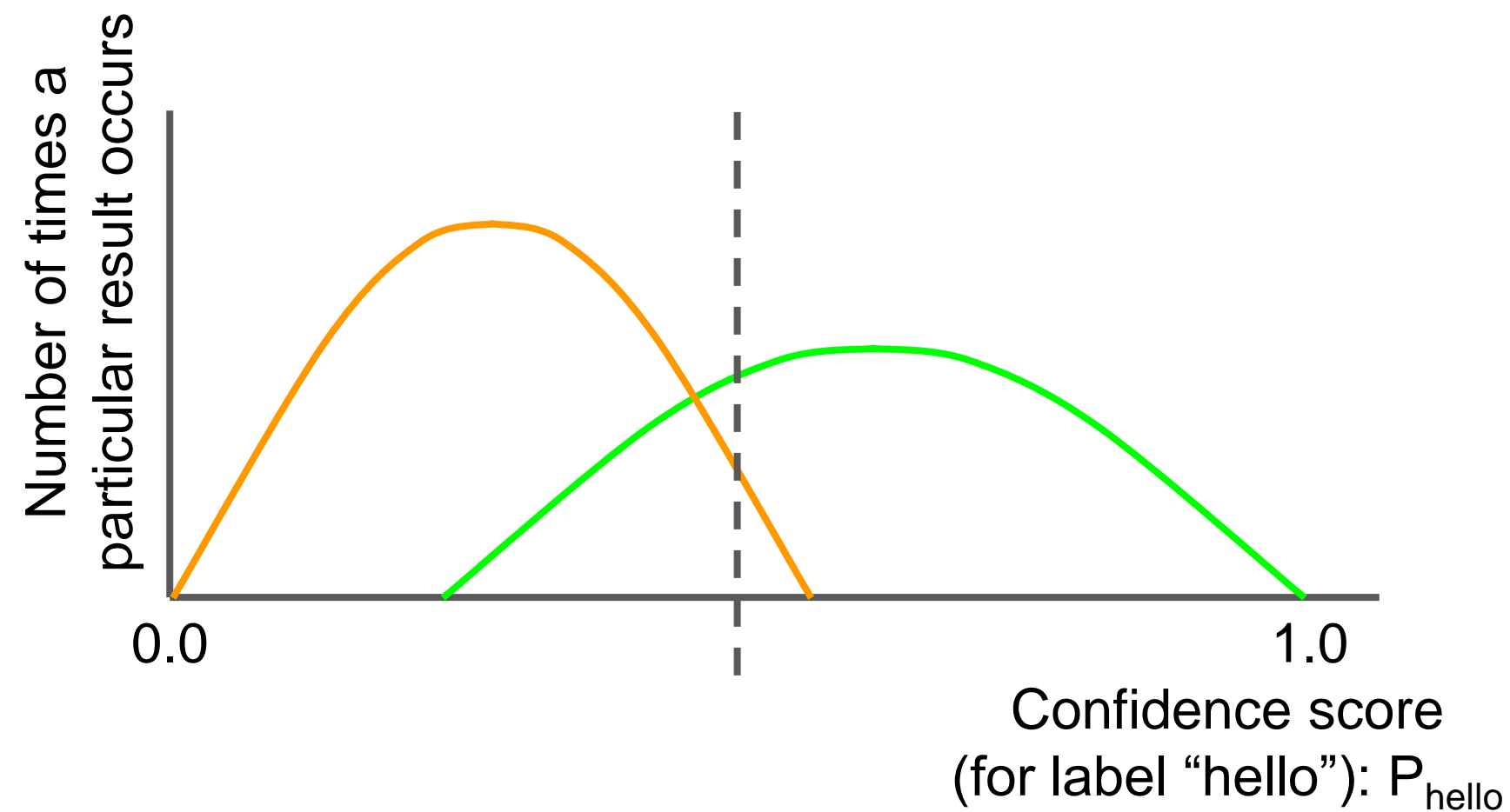


Receiver Operating Characteristics (ROC) Curve

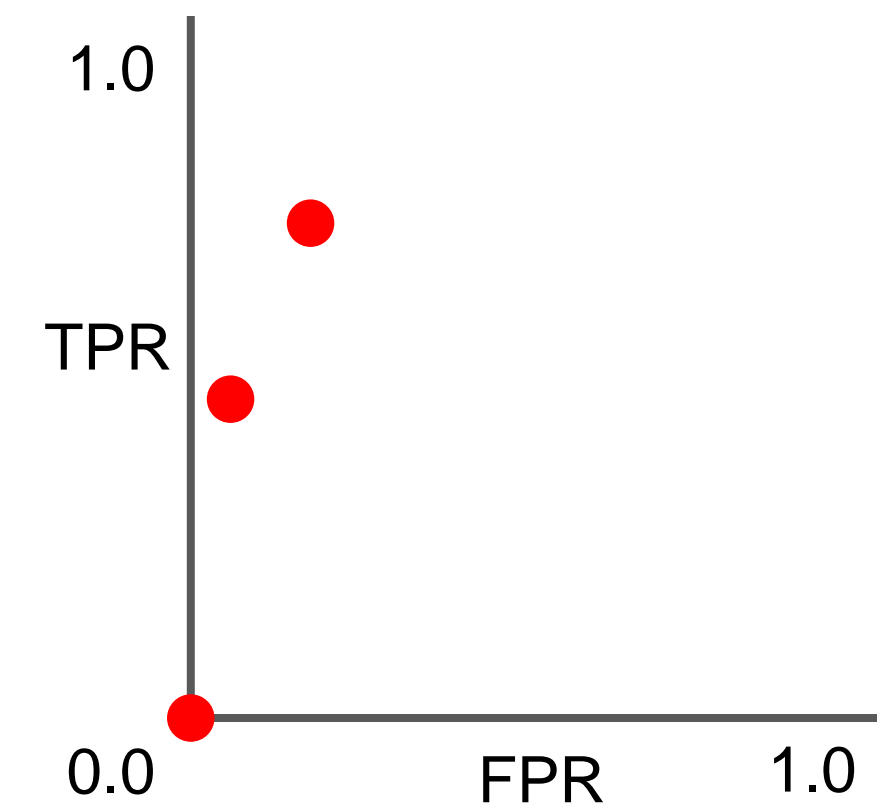


ROC Curve

Histogram (“hello” vs. “not hello”)

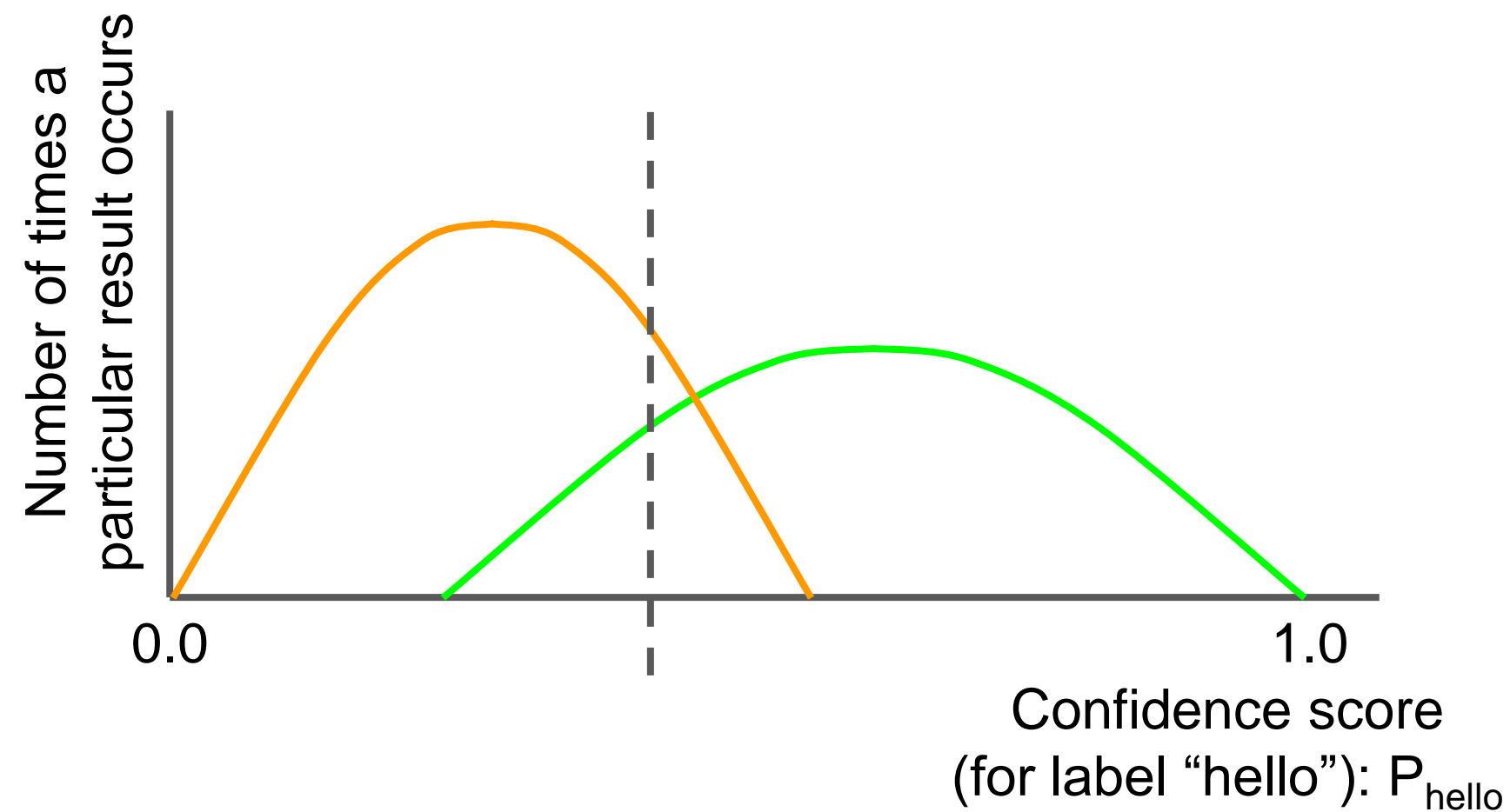


Receiver Operating Characteristics (ROC) Curve

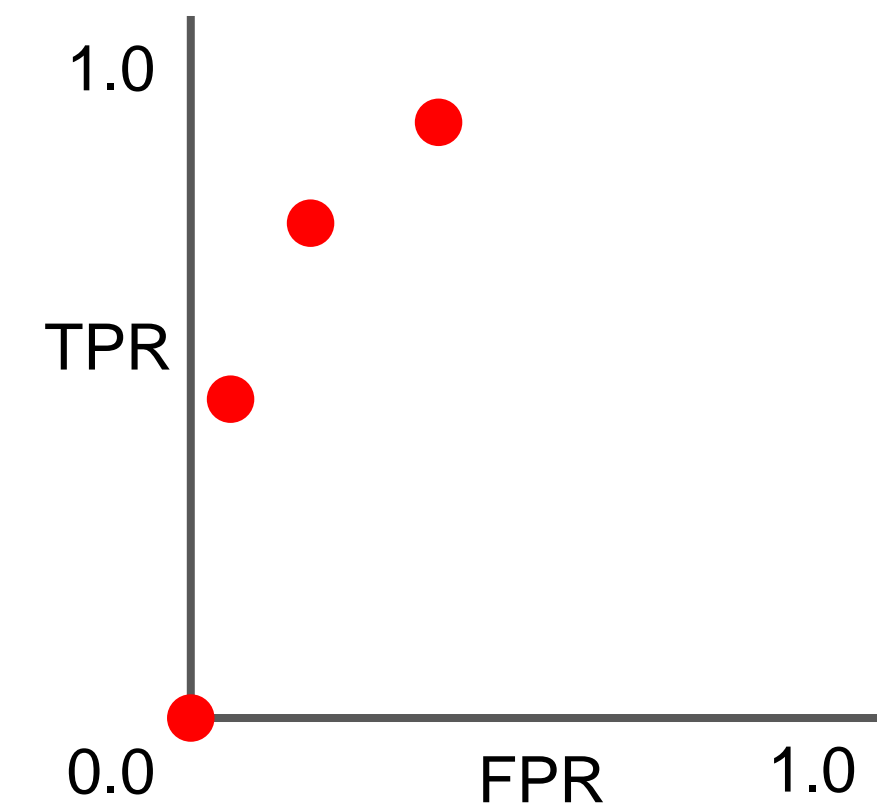


ROC Curve

Histogram (“hello” vs. “not hello”)

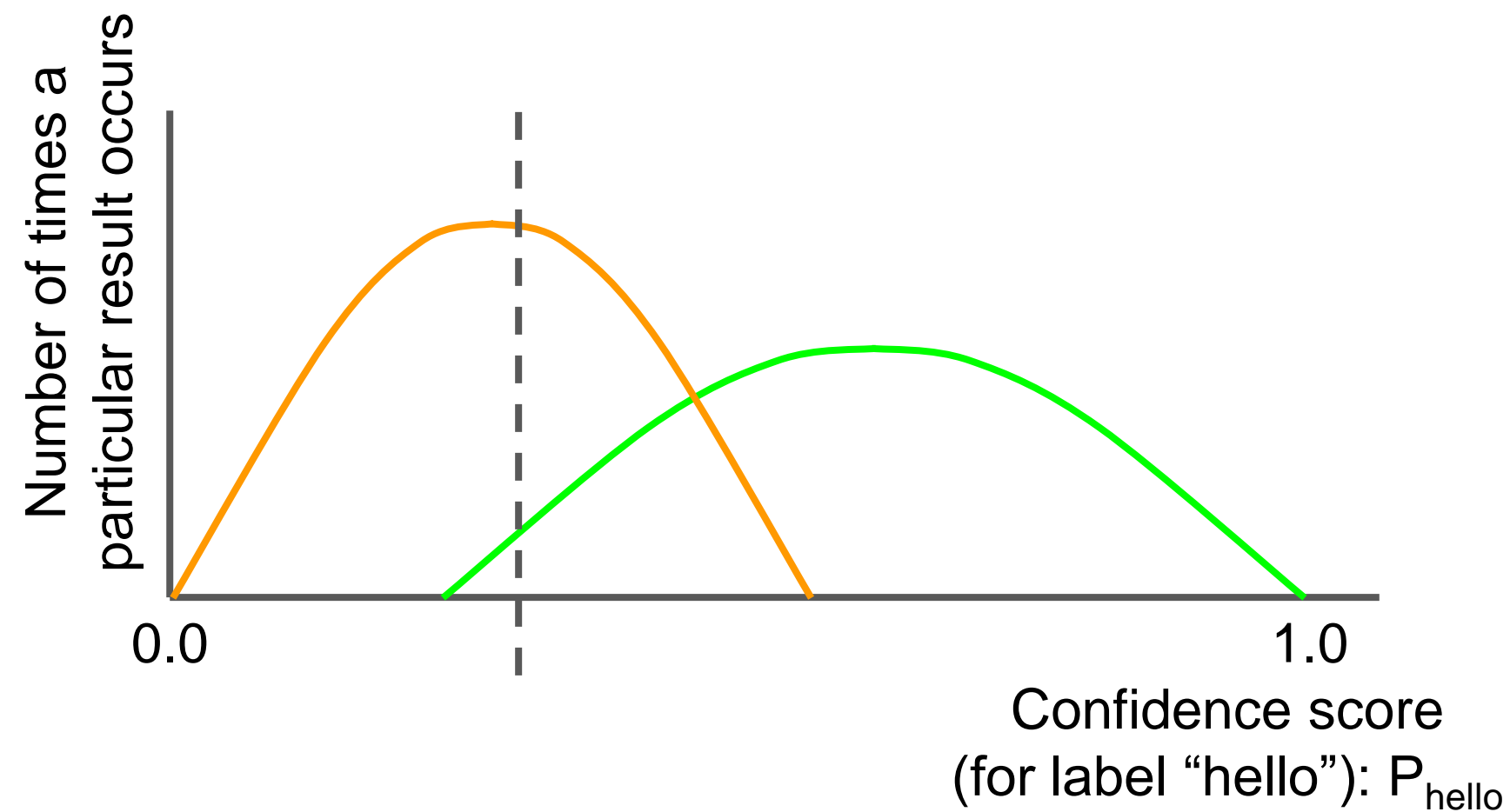


Receiver Operating Characteristics (ROC) Curve

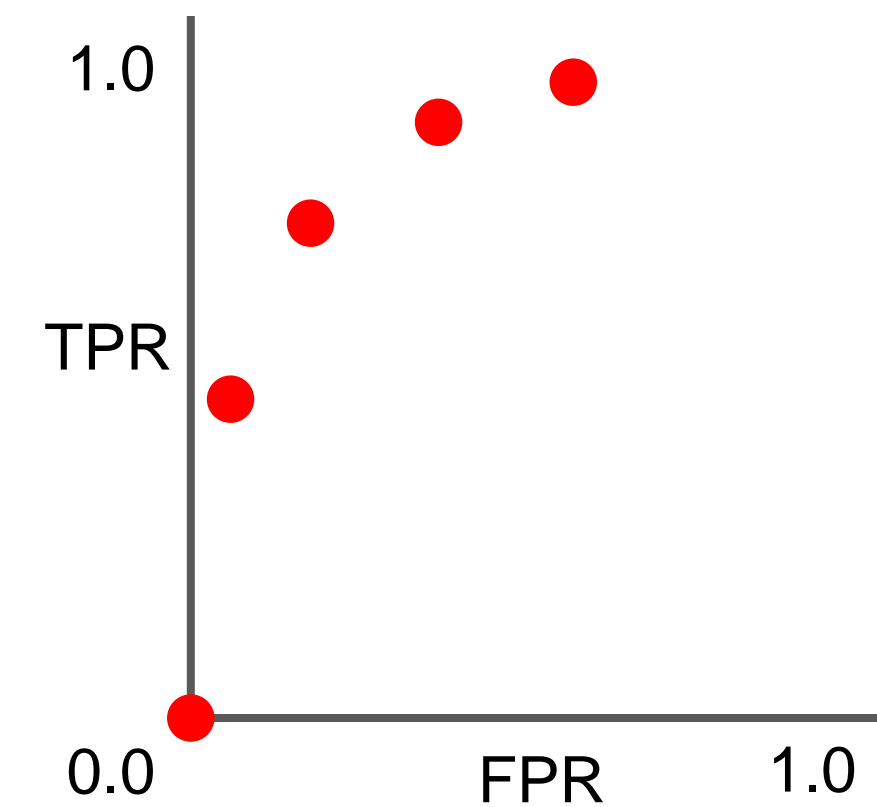


ROC Curve

Histogram (“hello” vs. “not hello”)

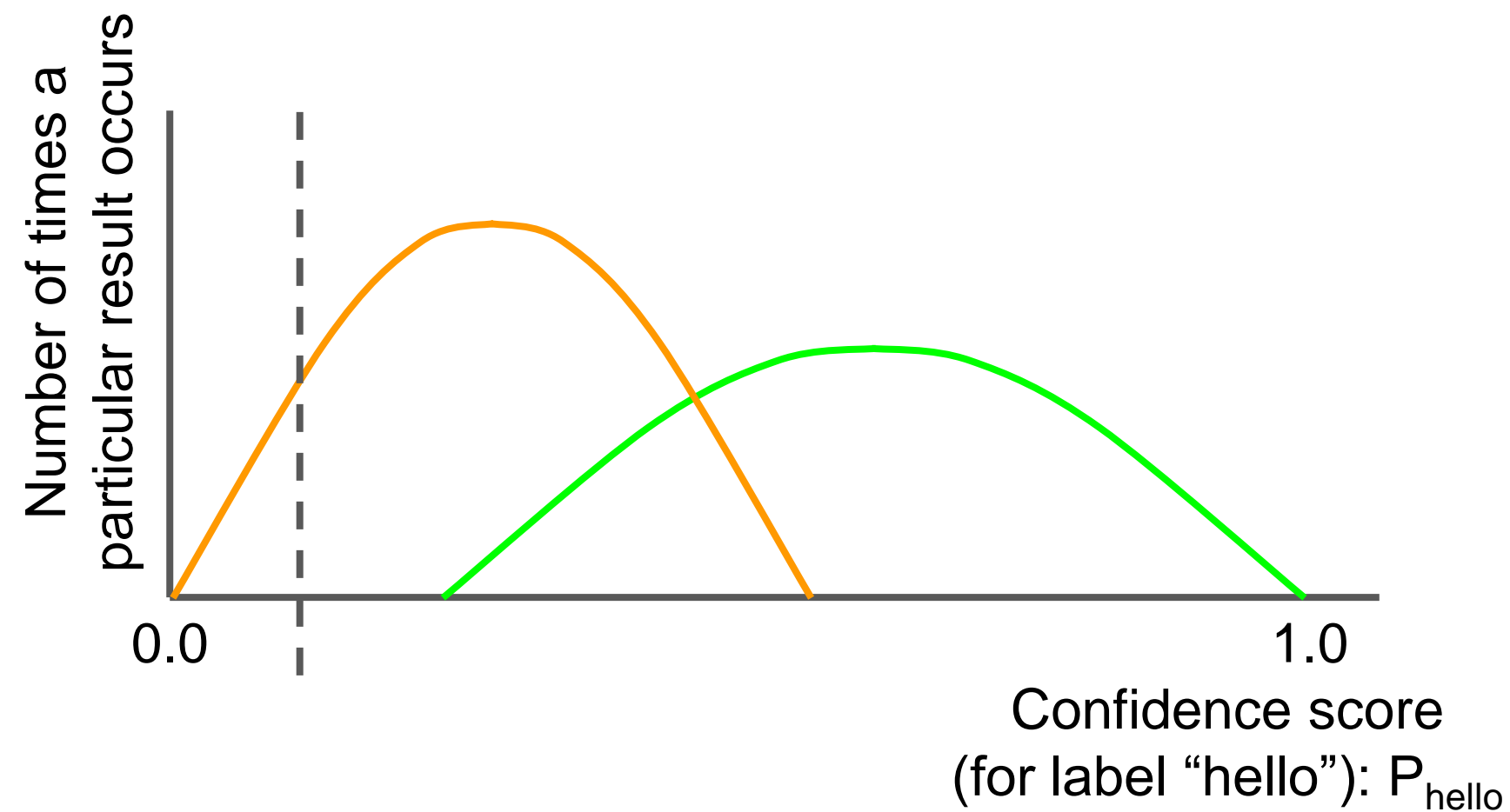


Receiver Operating Characteristics (ROC) Curve

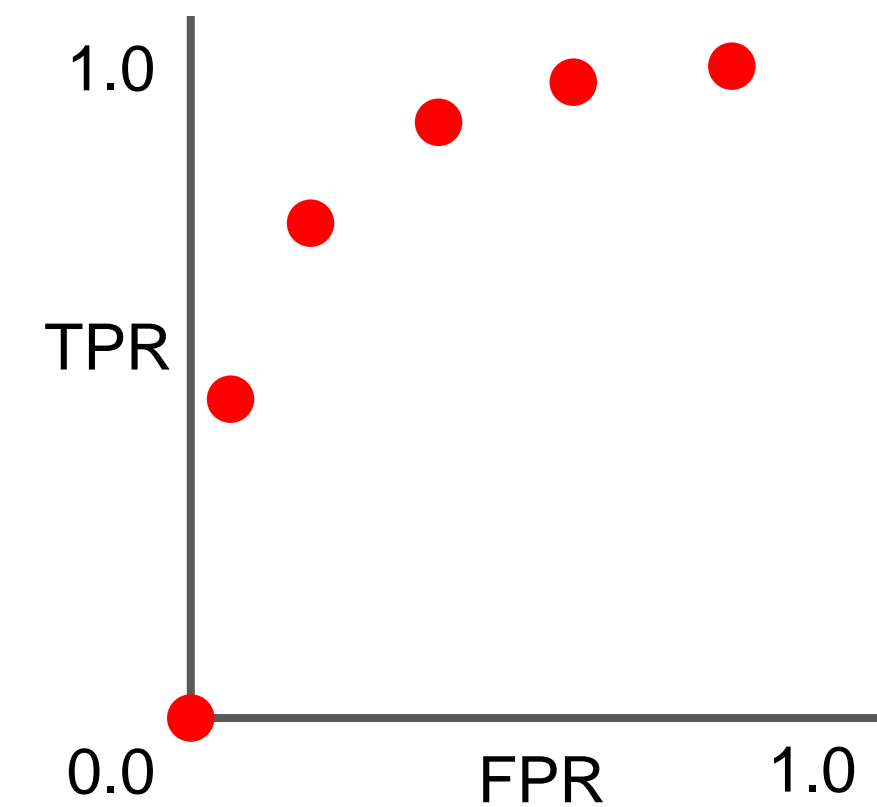


ROC Curve

Histogram (“hello” vs. “not hello”)

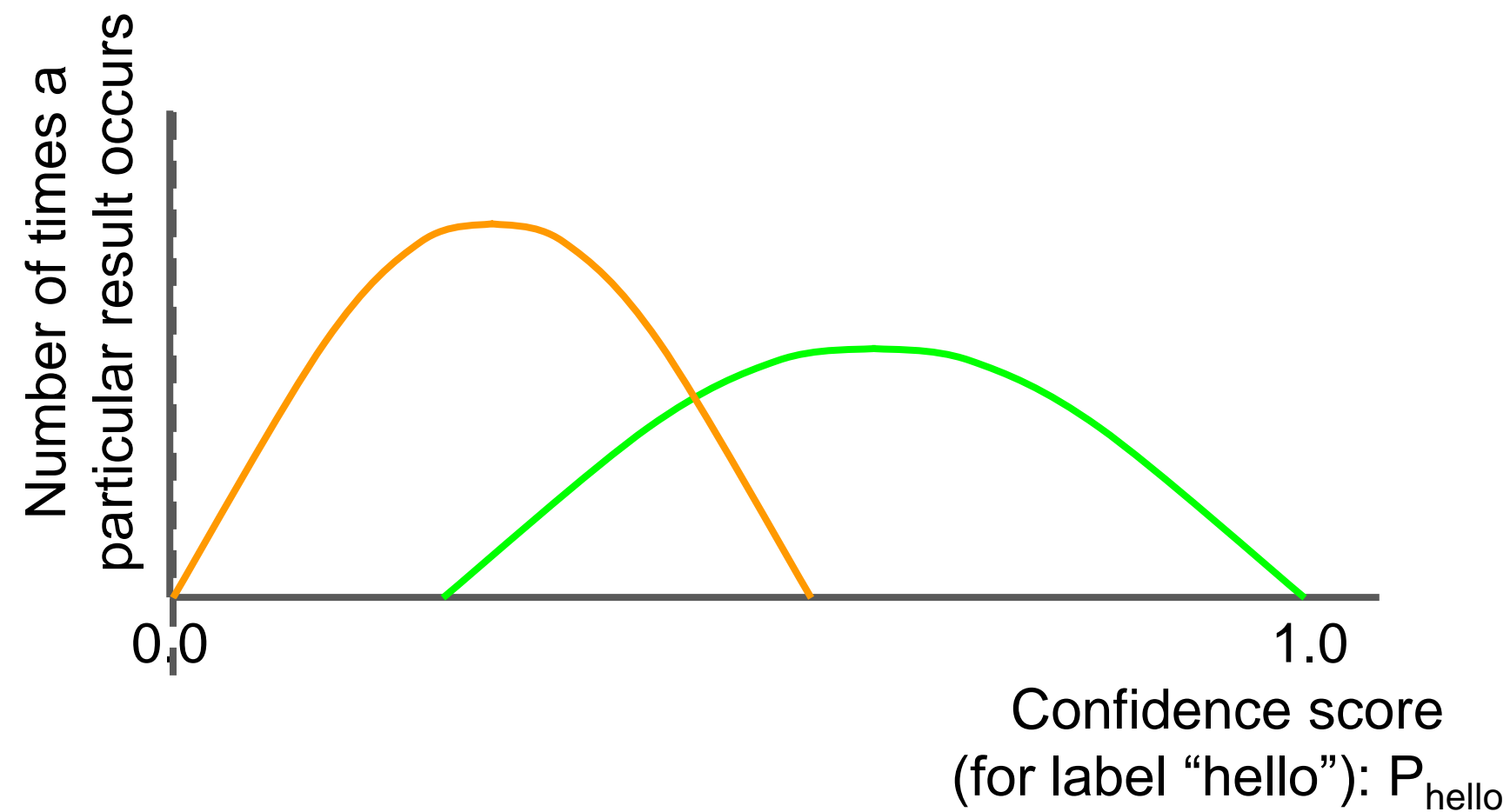


Receiver Operating Characteristics (ROC) Curve

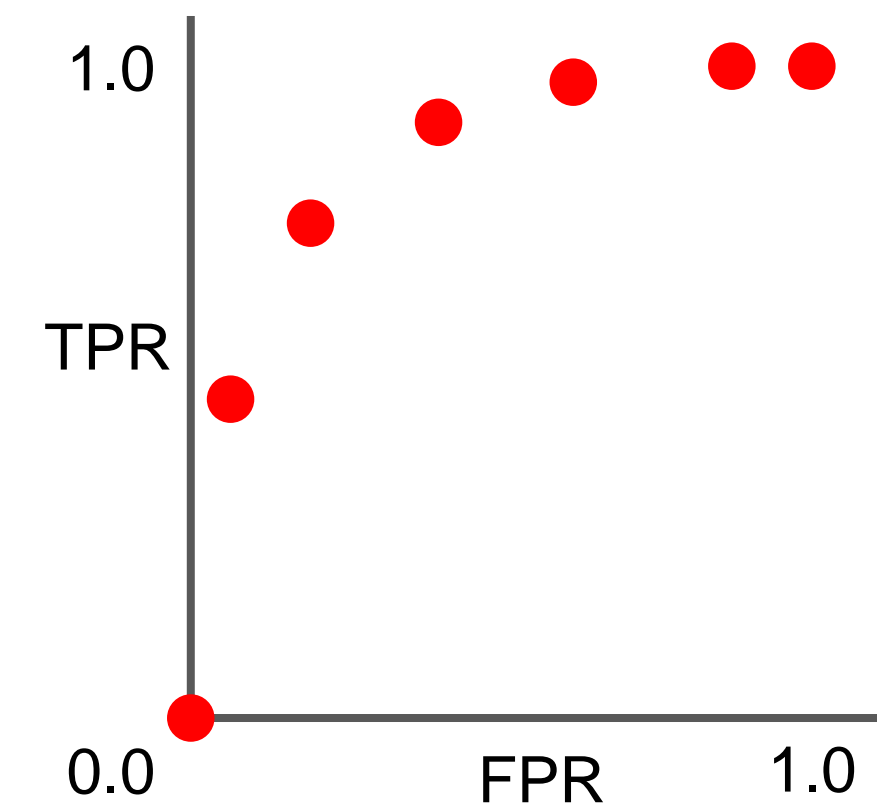


ROC Curve

Histogram (“hello” vs. “not hello”)

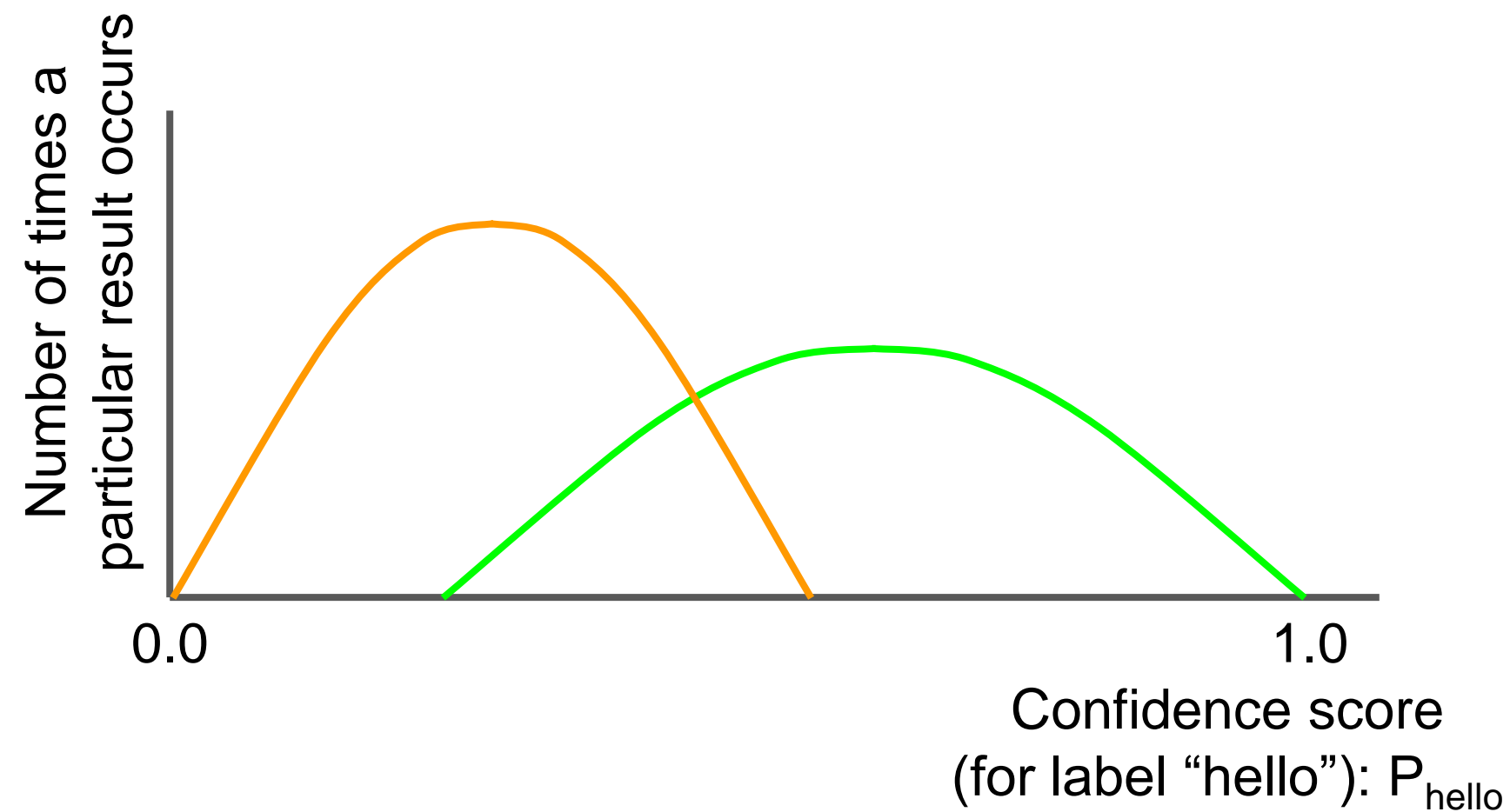


Receiver Operating Characteristics (ROC) Curve

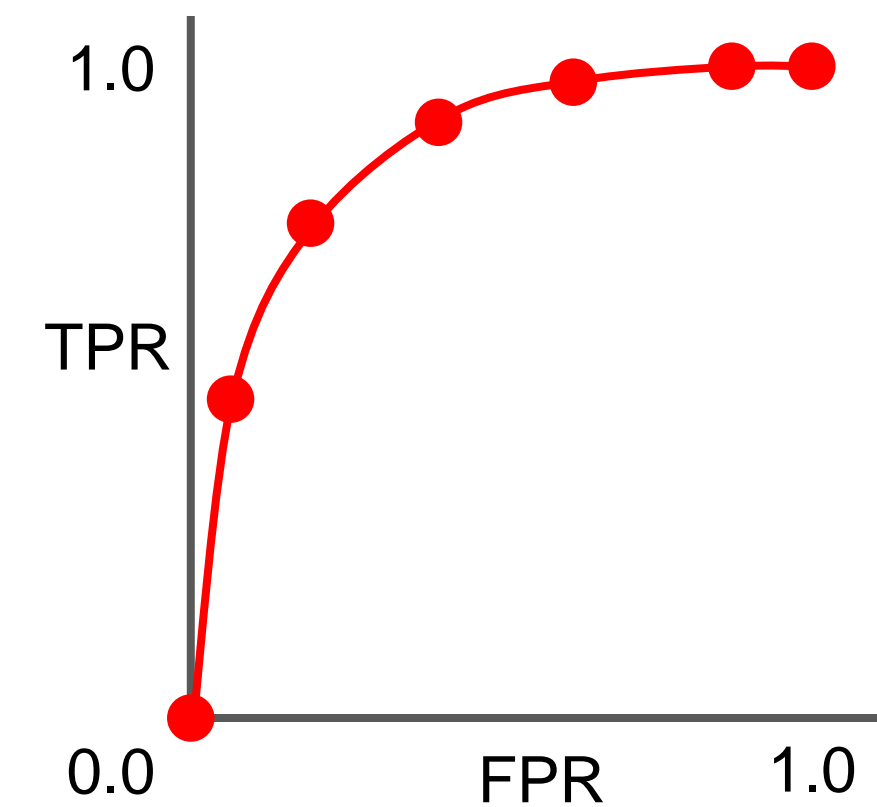


ROC Curve

Histogram (“hello” vs. “not hello”)

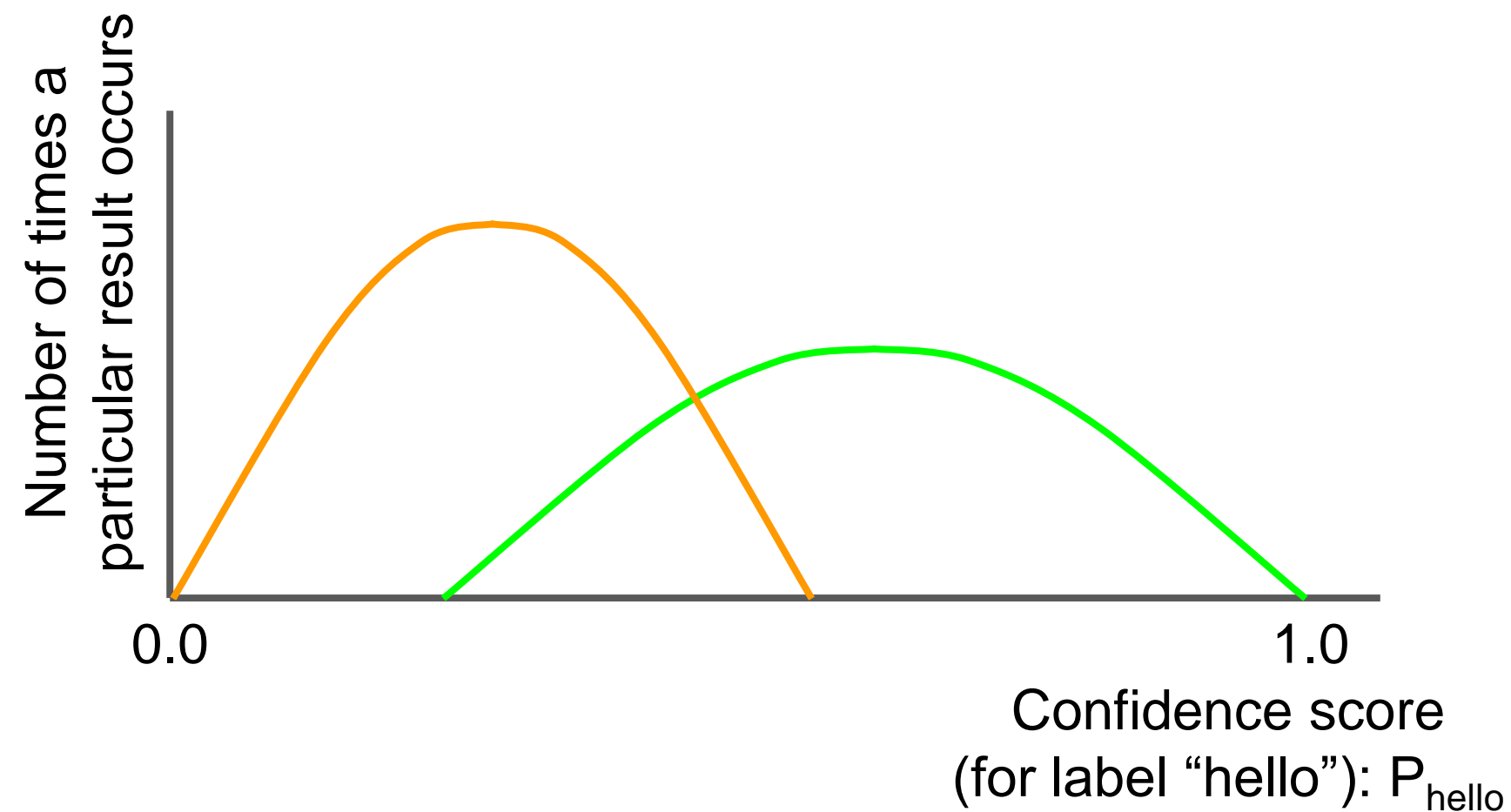


Receiver Operating Characteristics (ROC) Curve

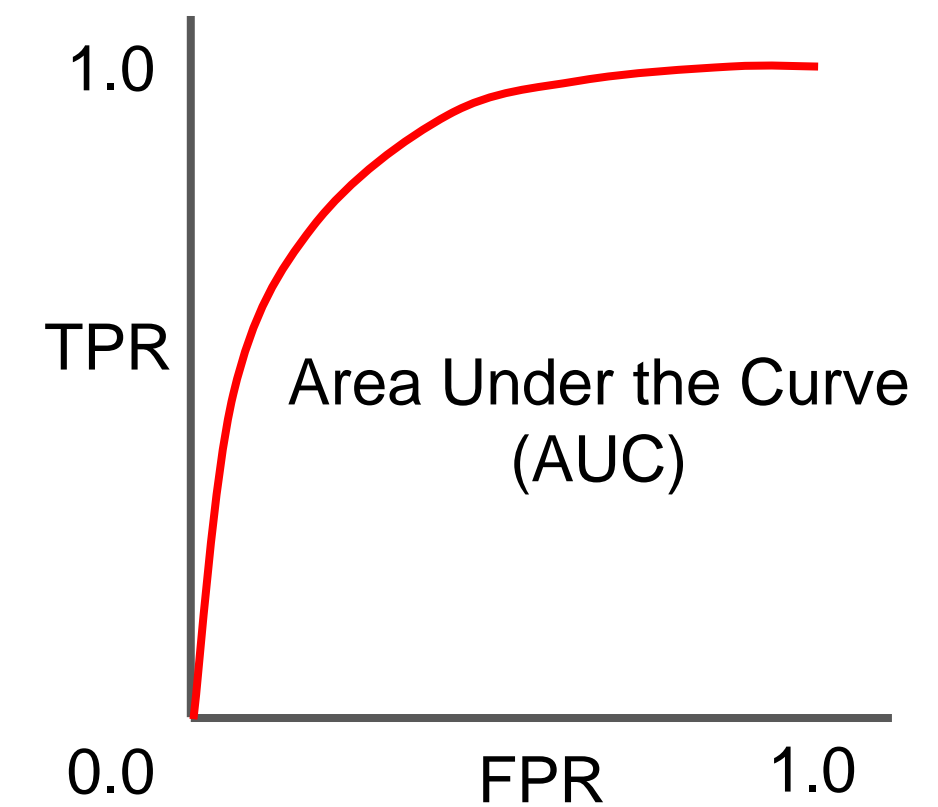


ROC Curve

Histogram (“hello” vs. “not hello”)

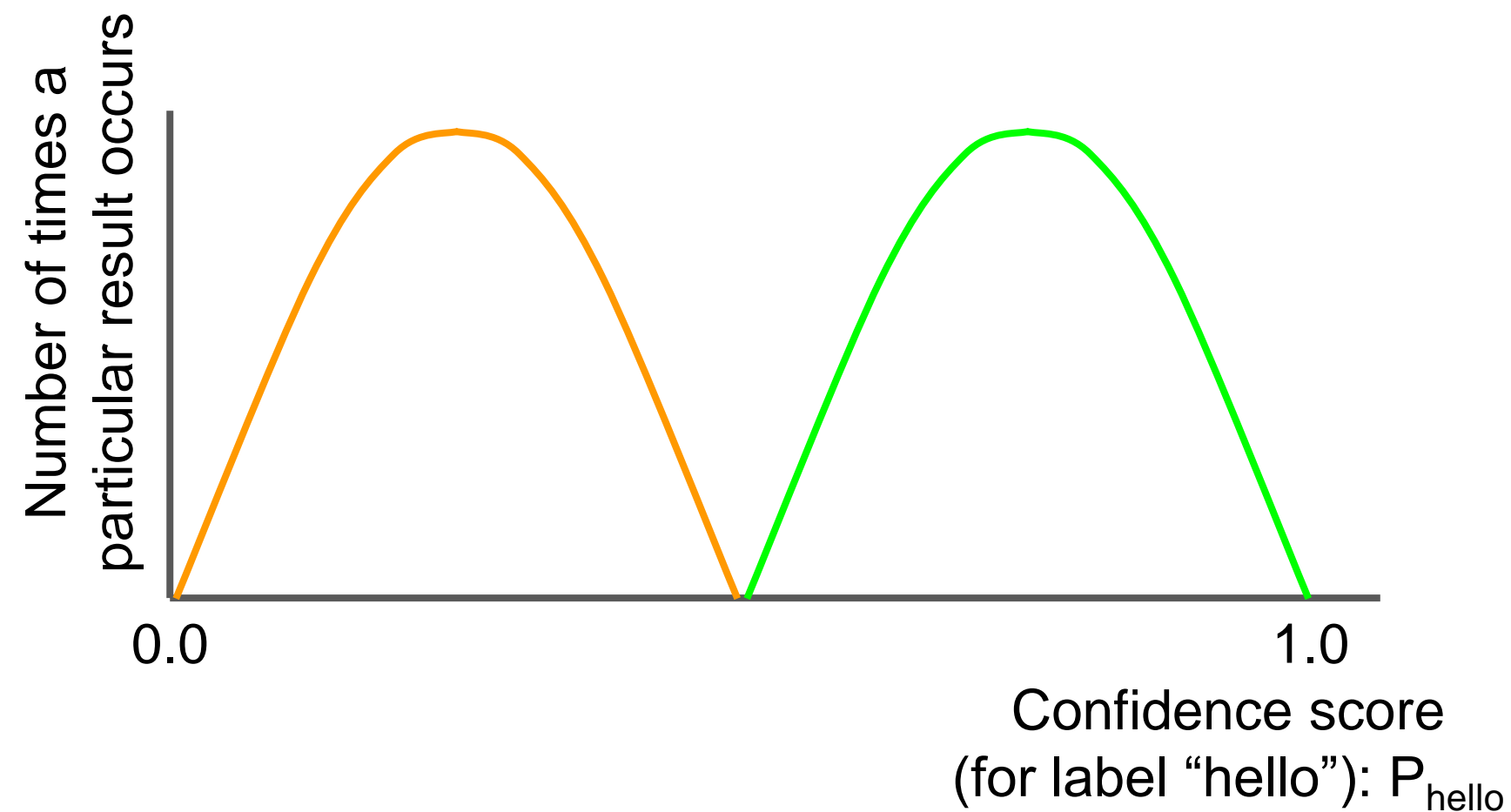


Receiver Operating Characteristics (ROC) Curve

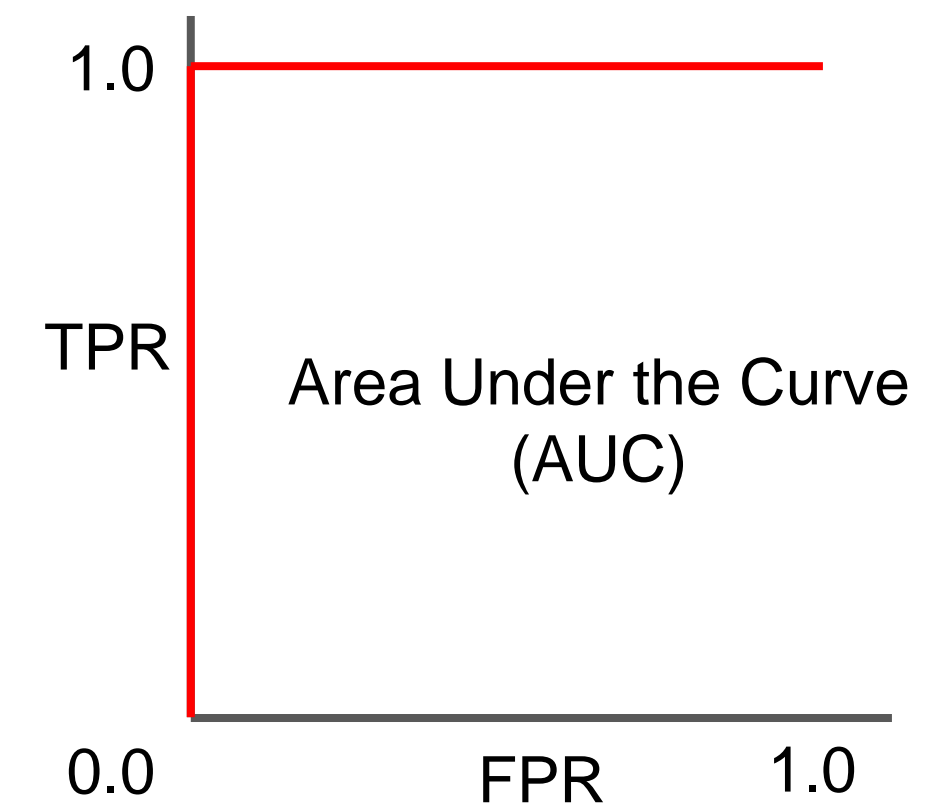


ROC Curve

Histogram (“hello” vs. “not hello”)



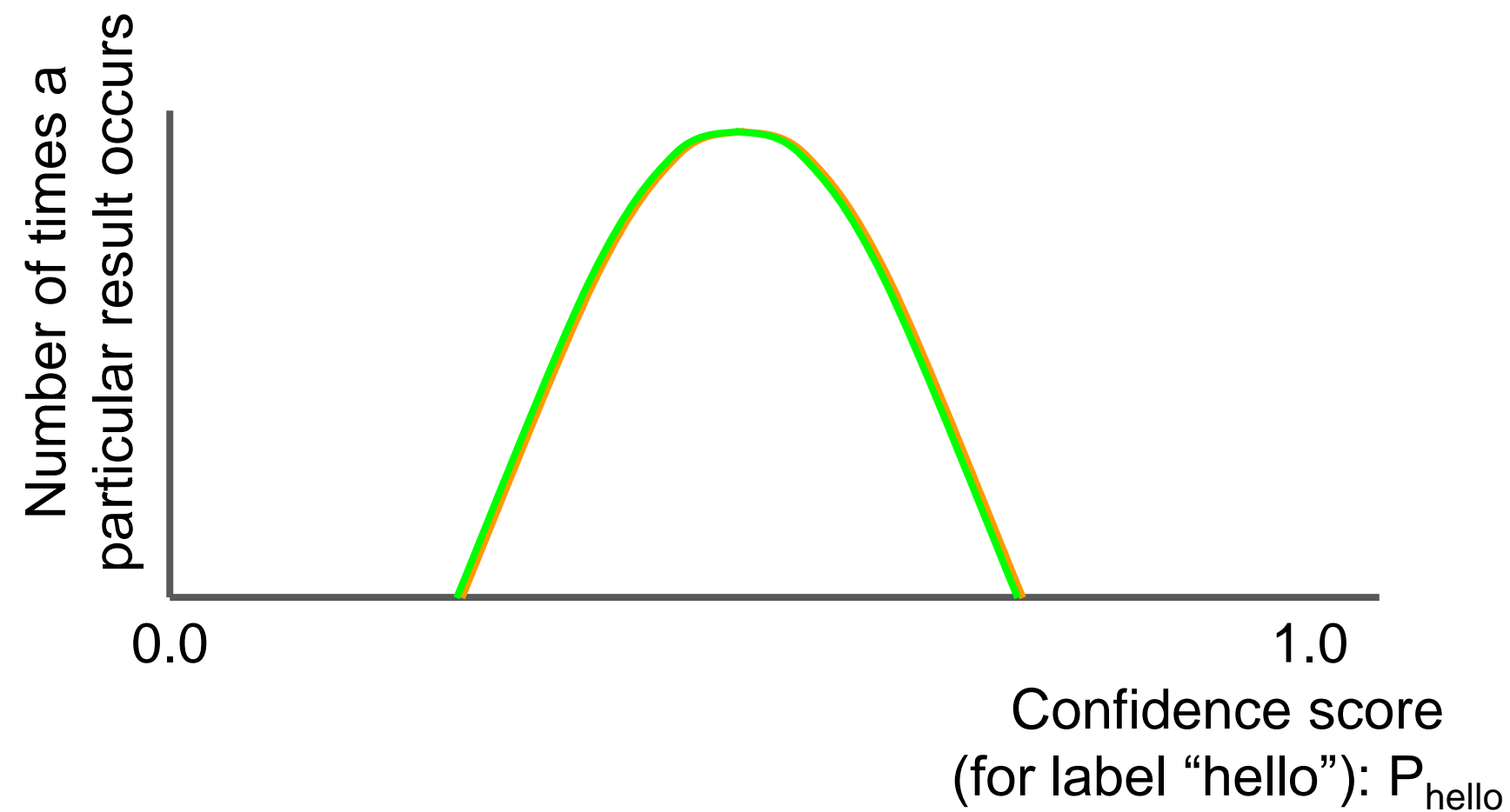
Receiver Operating Characteristics (ROC) Curve



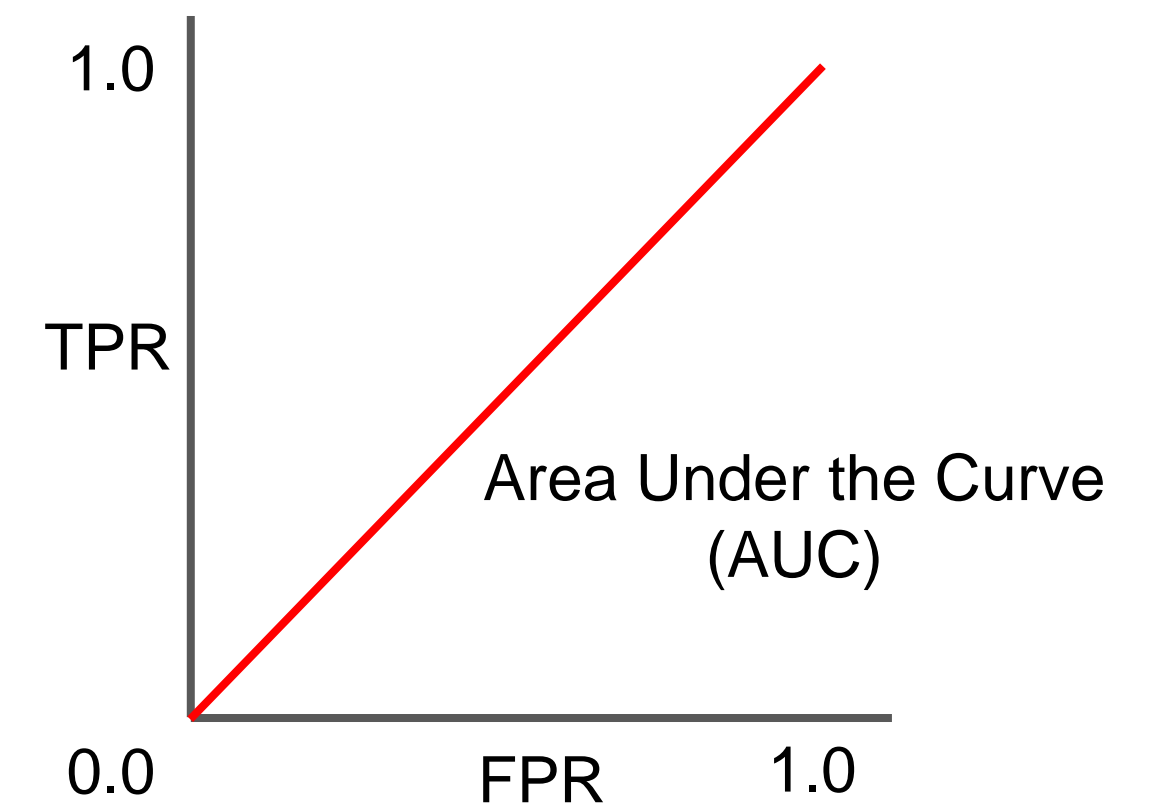
AUC = 1.0

ROC Curve

Histogram (“hello” vs. “not hello”)

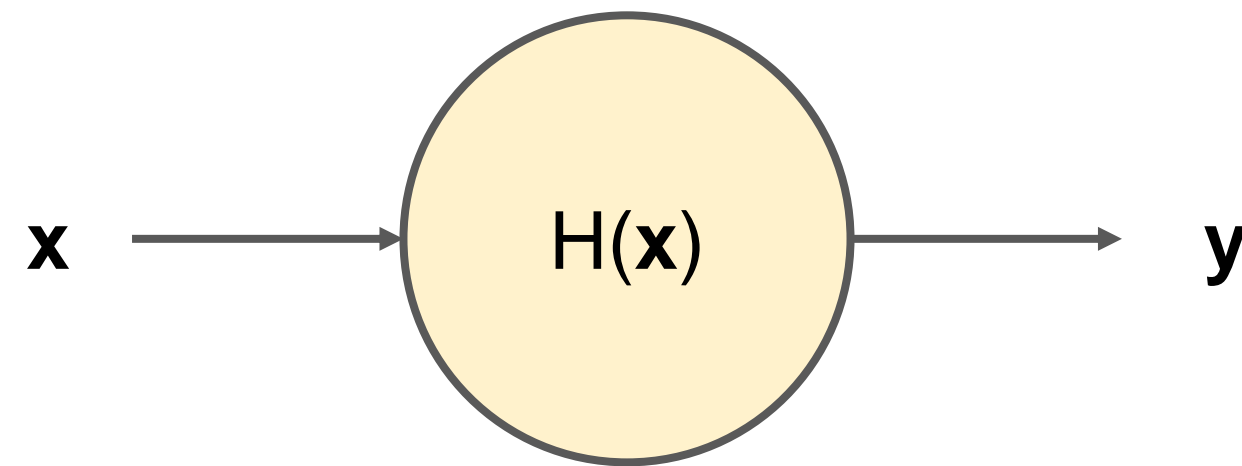


Receiver Operating Characteristics (ROC) Curve

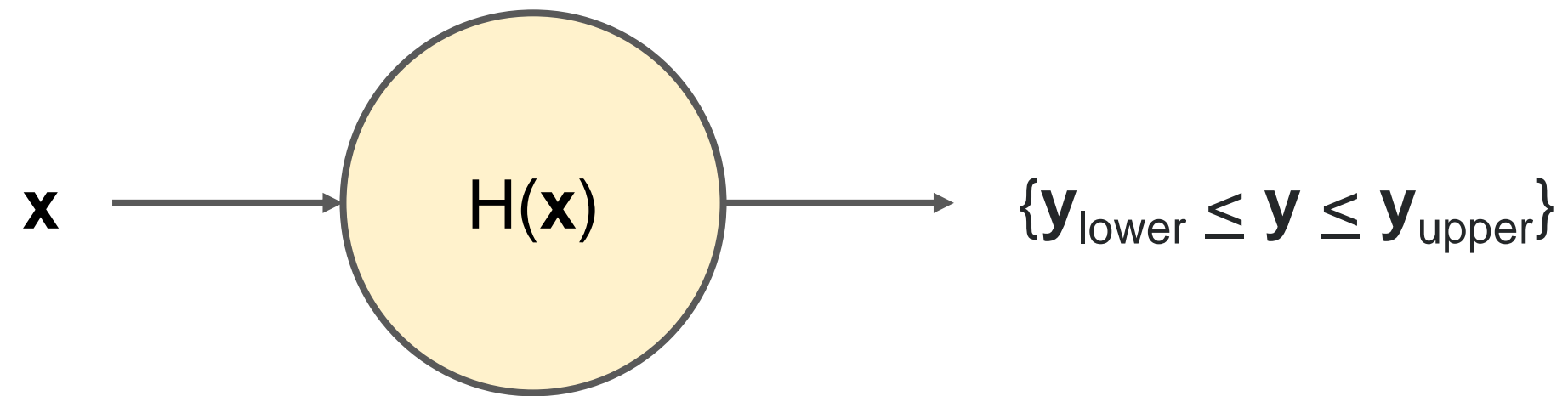


AUC = 0.5

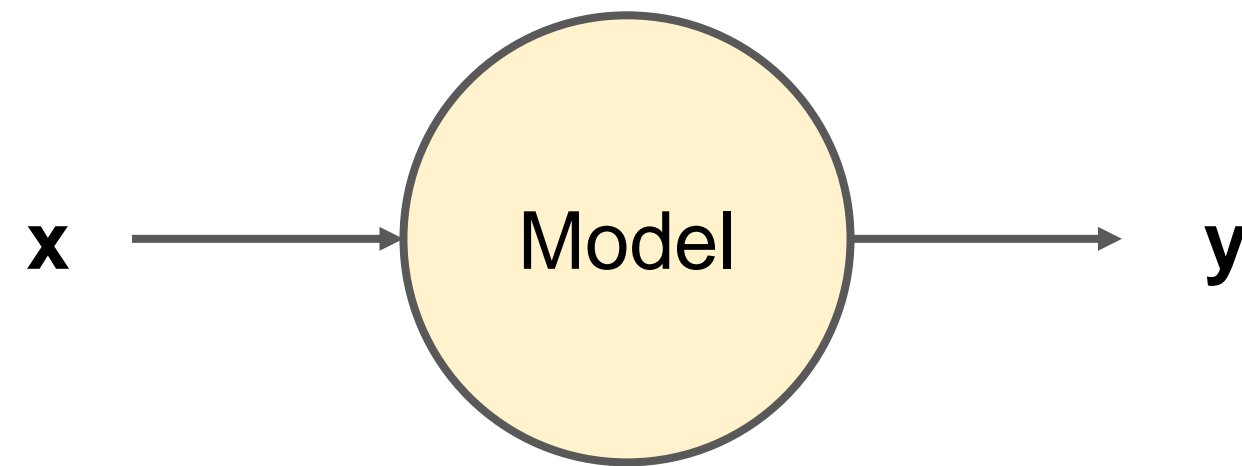
Determinism



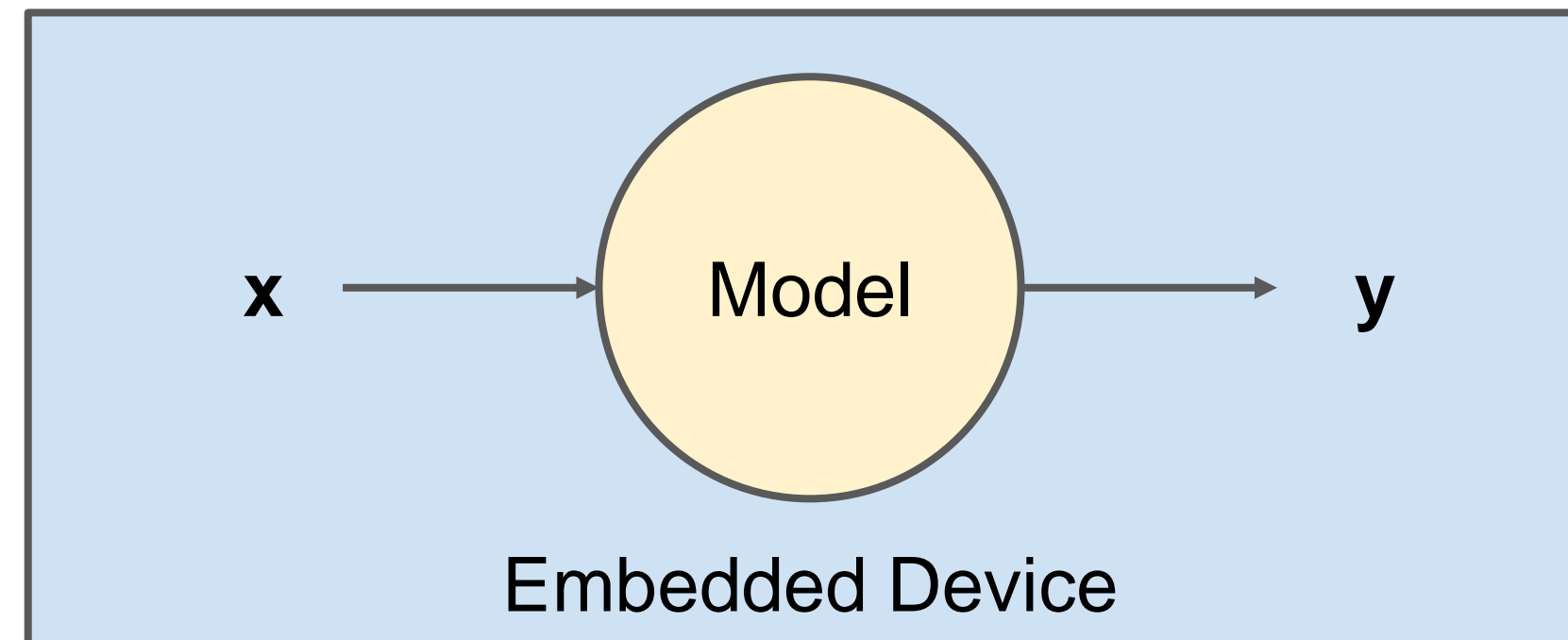
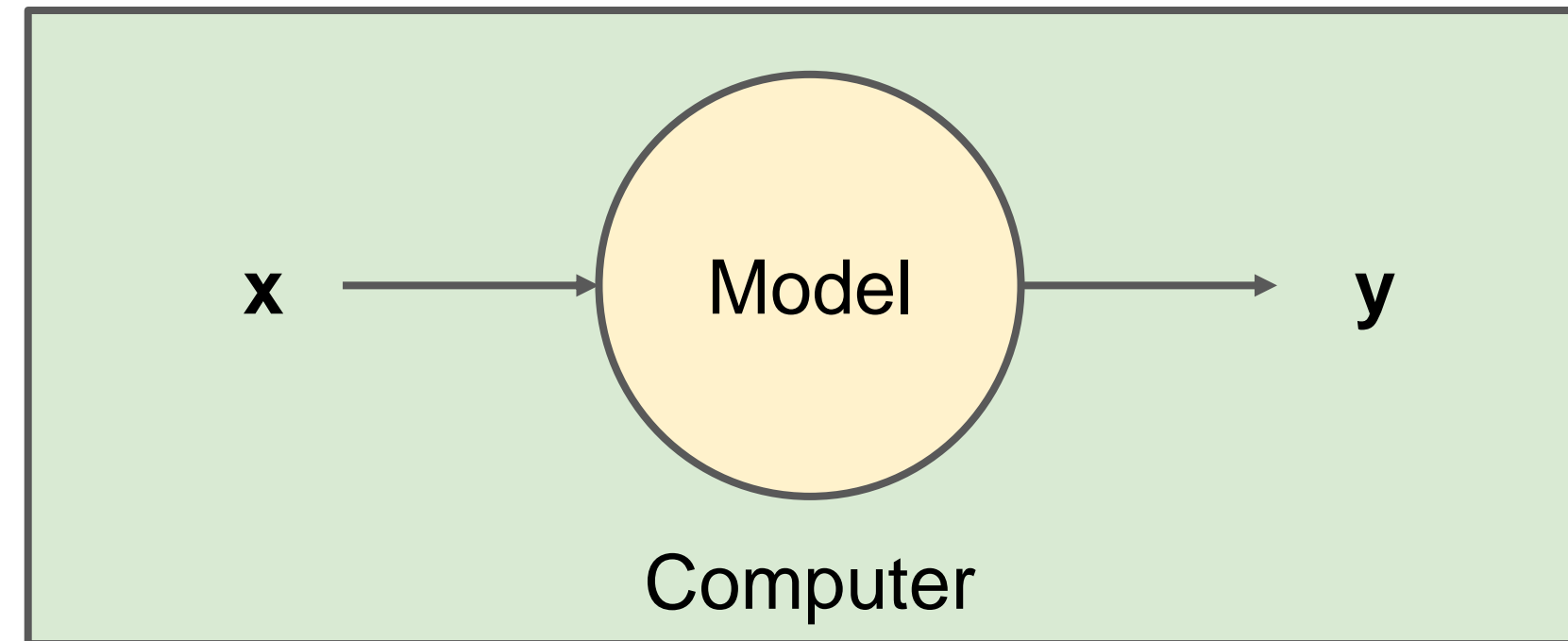
Probabilistic (Stochastic) Function



Neural Network



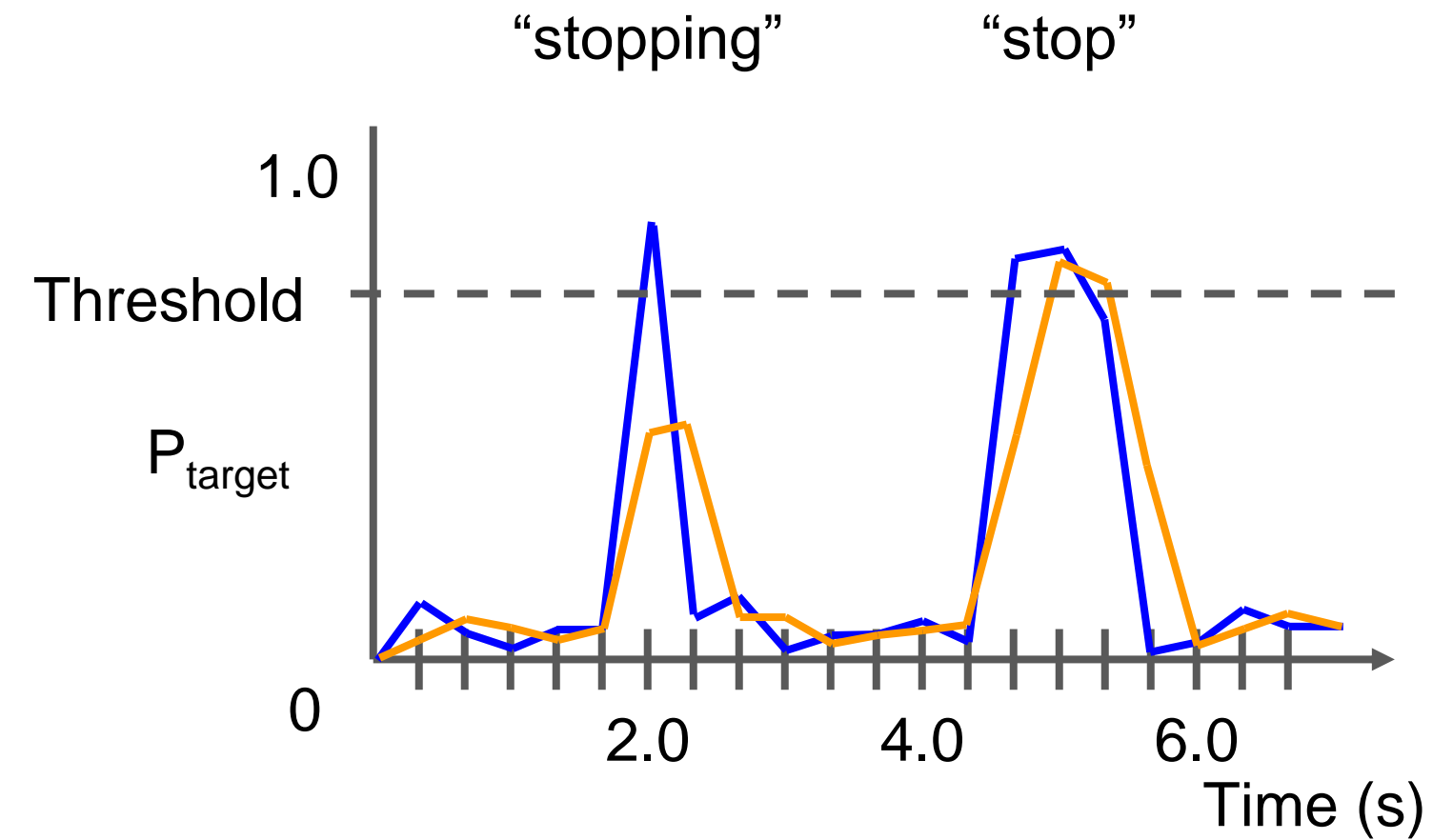
Neural Network



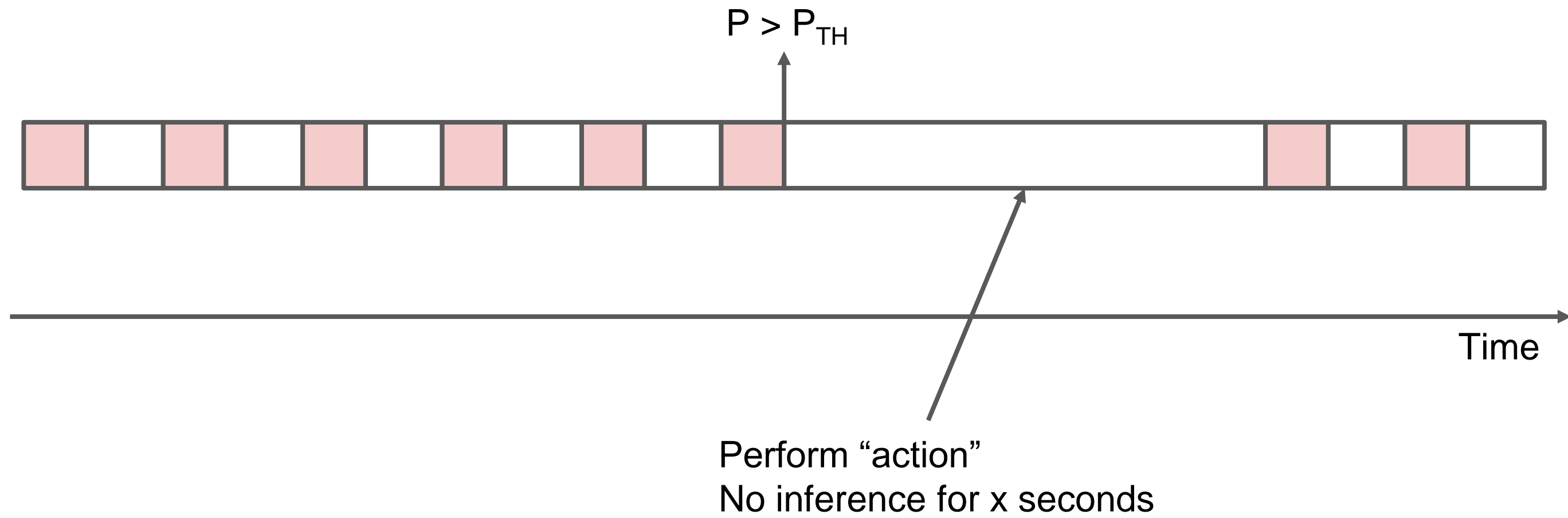
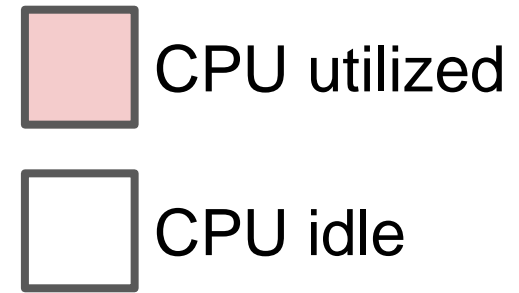
Moving Average Filter (MAF)

Simple Moving Average (SMA)

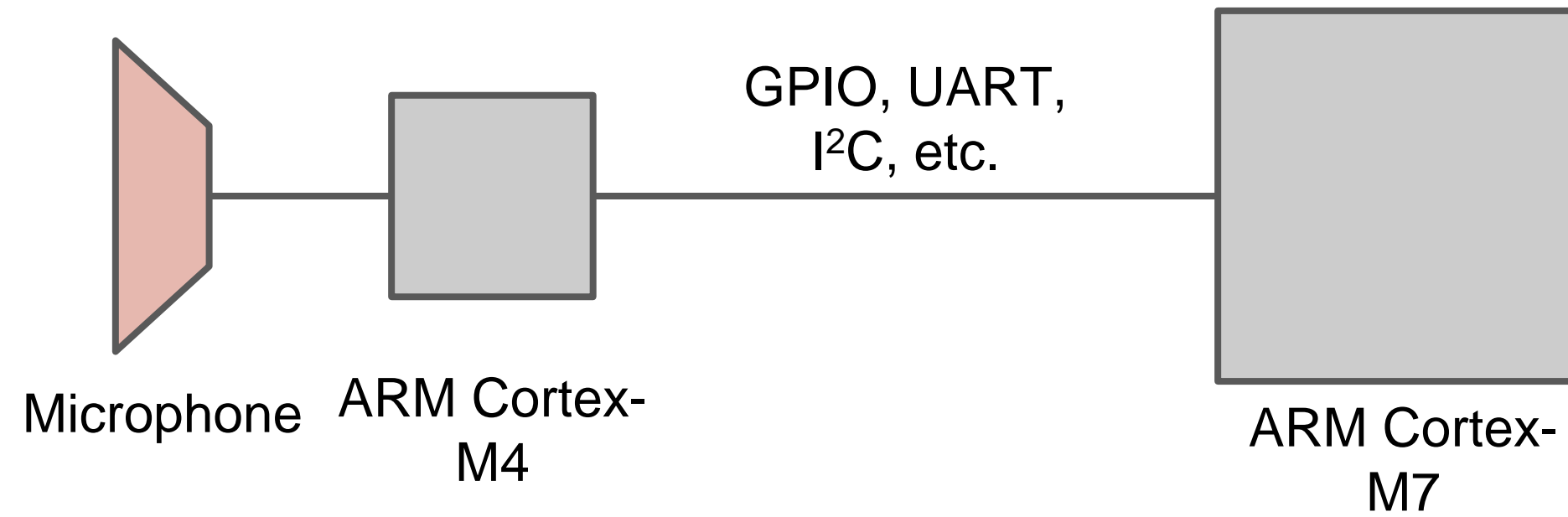
$$SMA = \frac{x_1 + x_2 + \dots + x_n}{n}$$



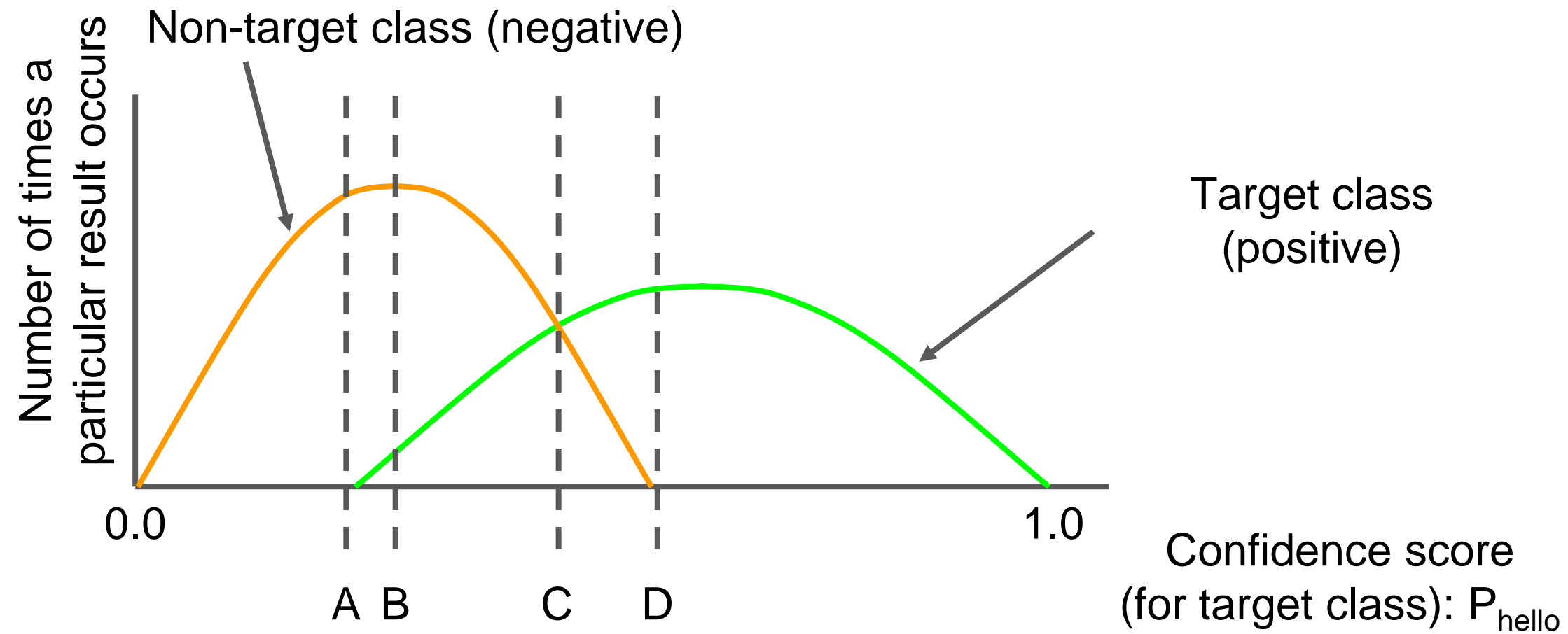
Hold-off



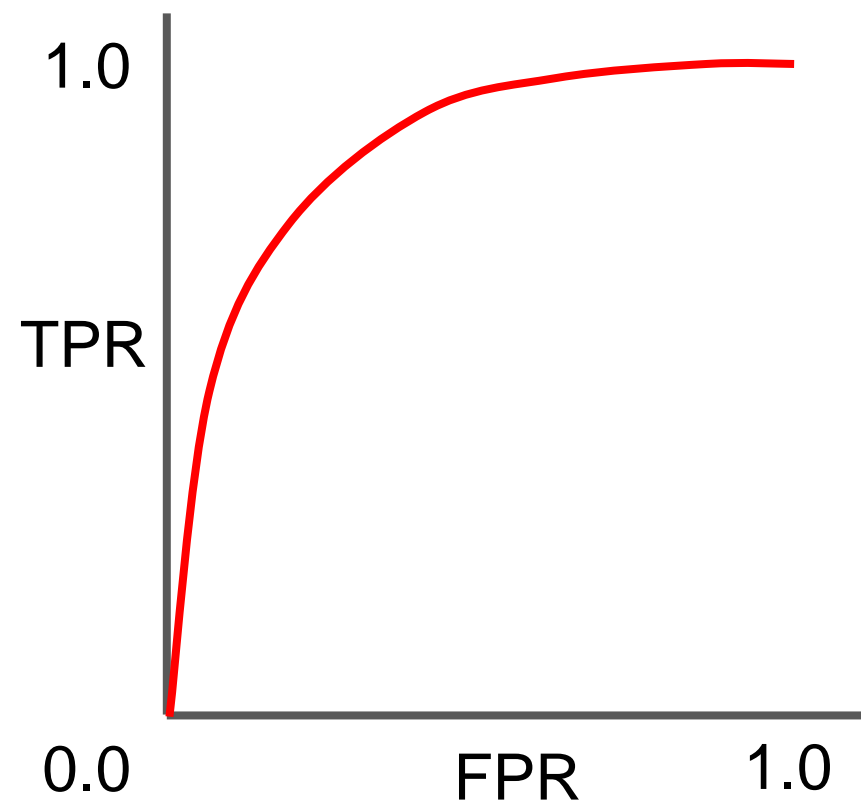
Coprocessor



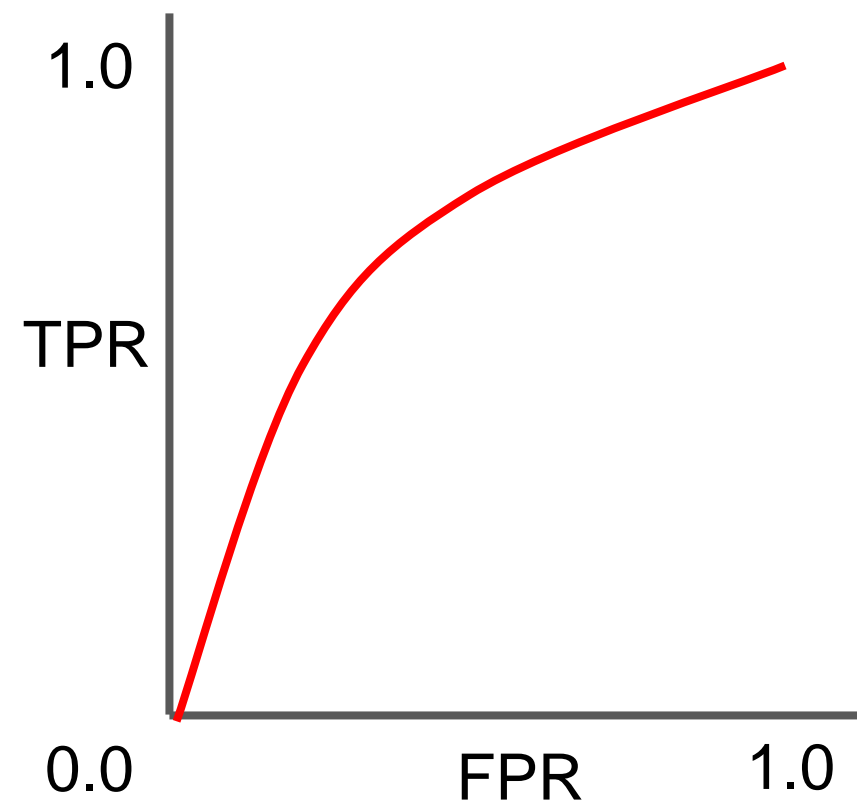
Histogram (target class vs. non-target class)



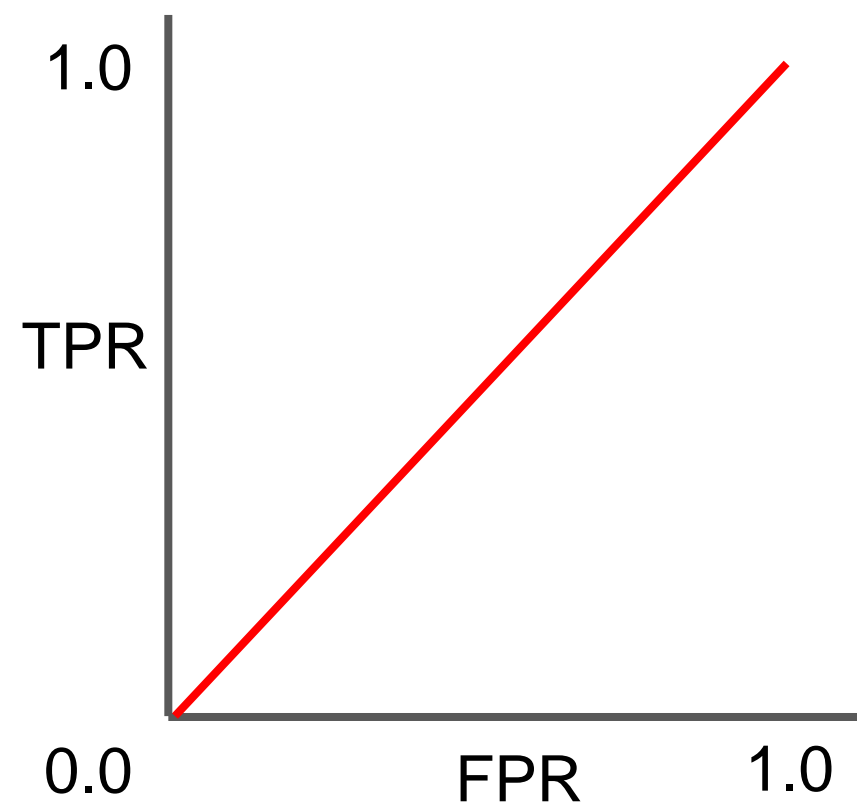
A



B



C



D

