Definitions of Precision, Recall and F-measure

$$Precision = \frac{\# \ of \ entities \ correctly \ predicted}{\# \ of \ entities \ predicted}$$

$$Recall = \frac{\# \ of \ entities \ correctly \ predicted}{\# \ of \ positive \ entities}$$

$$F\text{-}measure = \frac{2 * Precision * Recall}{Precision + Recall}$$