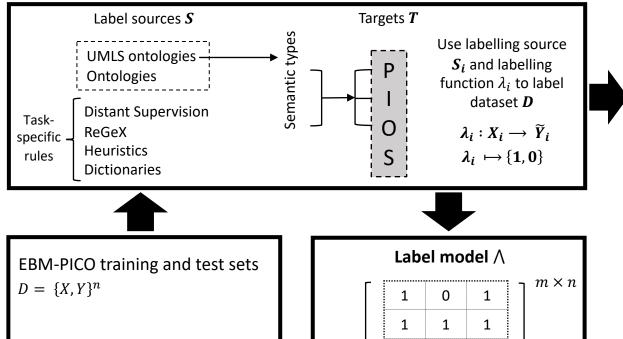
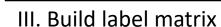
## II. Label Sources and target mapping



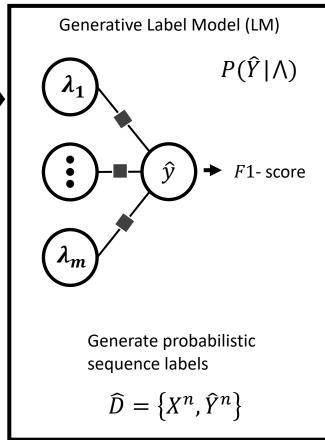


MultiLabelBinarizer()

 $y_i \subset \{0, 1, 2, \dots, k\} \quad y_i \subset \{0, 1\}$ 

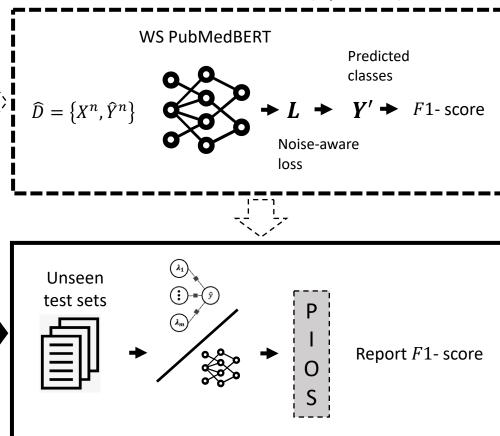


 $\lambda^m: X^n \to \tilde{Y}^n$ 



IV. Train Label Model and label dataset

V. Train discriminative model (optional)



VI. Predict using trained LM or PubMedBERT