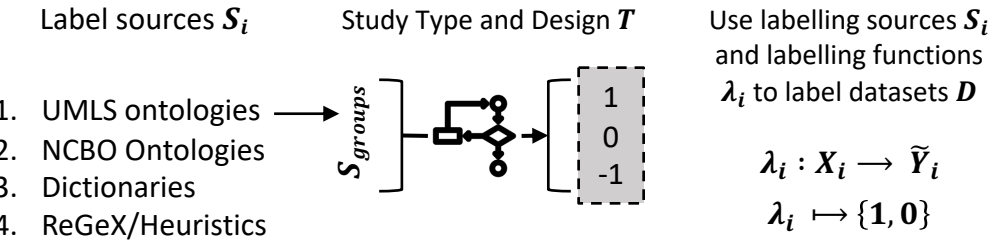


1. EBM-PICO corpus

Training: $D_{train} = \{X\}^n$
 Val: $D_{val} = \{X, Y\}^j$
 Test: $D_{test} = \{X, Y\}^k$
 $\underbrace{\hspace{1cm}}_D$

2. Label Sources, target mapping



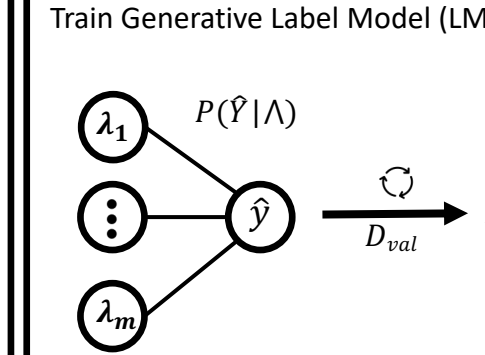
3. Build label matrix

Label Matrix Λ

$$\begin{bmatrix} 1 & 0 & 1 \\ 1 & 1 & 1 \\ 0 & -1 & 1 \end{bmatrix} m \times n$$

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

4. Train Label Model



5. Predict using trained LM

