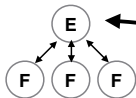


## 1. KB Construction



## 2. Entity Mapping Extraction

headaches caused by high blood pressure



{“high blood pressure”,  
“blood pressure”, “headaches”, “blood”,  
“high”, “pressure”}

## 3. Entity Mapping

## 4. Source Expansion Terms

$$q' = q + \text{Exp}$$



## 5. Relevance Feedback

$$q'' = q' + (p)rf$$