Summary

- Relevance(q,d) = $p(R=1|q,d) \rightarrow p(q|d,R=1)$
- Query likelihood ranking function: f(q,d)=p(q|d)
 - Probability that a user who likes d would pose query q
- How to compute p(q|d)? How to compute probability of text in general? \rightarrow Language Model

