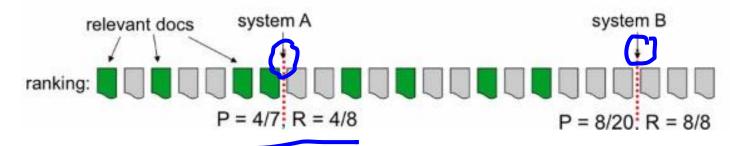
IR evaluation

Ack: Victor Lavrenko

Why not accuracy?

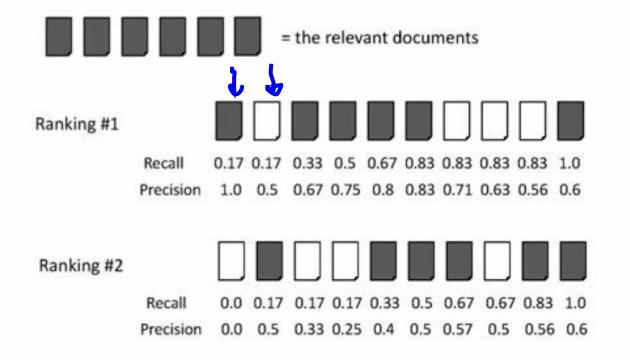
Comparing recall / precision

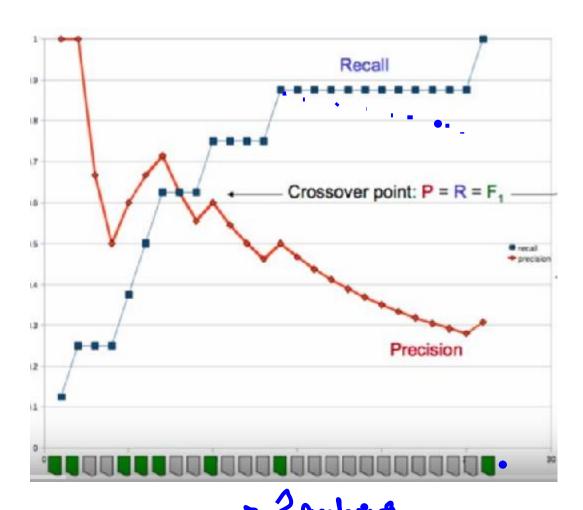
- Which of the following is a better system?
 - system A: recall = 50%, precision = 57%, F₁=53%
 - system B: recall = 100%, precision = 40%, F₁=57%
- Could be the same exact system
 - using different threshold settings
 - R/P, F₁ comparisons often meaningless
 - more informative to compare ranking against ranking



Recall / Precision and ranking

- Search engine produces a ranking, not a set
 - can compute recall, precision at every rank





F= P= R

