

How to Compute $R'(q)$

- Strategy 1: Document selection
 - $R'(q) = \{d \in C \mid f(d, q) = 1\}$, where $f(d, q) \in \{0, 1\}$ is an indicator function or binary classifier
 - System must decide if a doc is relevant or not (**absolute relevance**)
- Strategy 2: Document ranking
 - $R'(q) = \{d \in C \mid f(d, q) > \theta\}$, where $f(d, q) \in \mathcal{R}$ is a relevance measure function; θ is a cutoff determined by the user
 - System only needs to decide if one doc is more likely relevant than another (**relative relevance**)