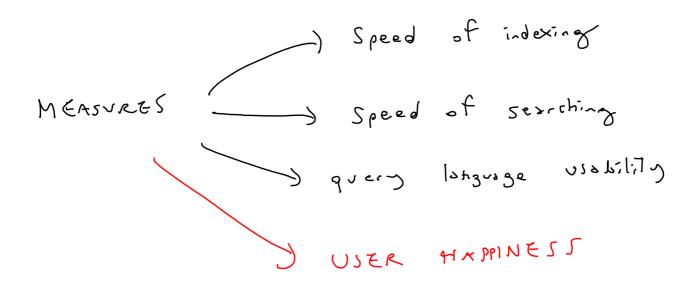
QUALITY OF A SEARCH ENVINE



The first two can be measured in-house (
while the last two requires a group of user
that evaluates the search engine

The wer happiness depends mostly on the context of the query result: see the documents retrieved relevant or not? In which percentage?

Nott = 1500 The UI/UX plays a role in

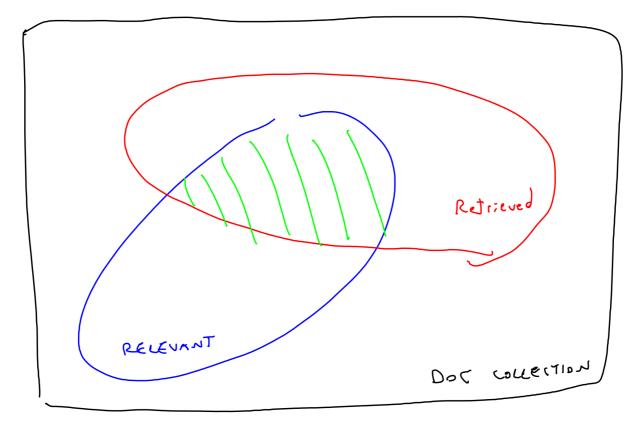
Recall = froction of relevant docs that one rediceved =

- **(Relevant \(\text{Relevant} \) =

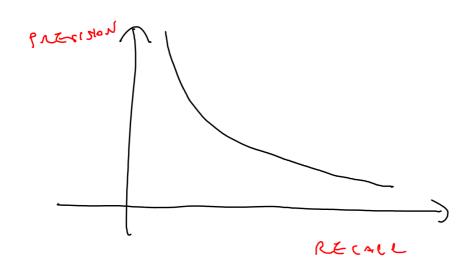
- **Relevant

- **TP

TP + FN



	Relevant	Not Relevant
Retried	TP	FP
Not retrieved	FN	TN



F- MEASURE

COMBINE PRECISION AND RELACL

$$F = \frac{1}{\sqrt{\frac{1}{P} + (1-\alpha) \cdot \frac{1}{R}}}$$

precision, in respect to the recoll.

For the balanced version $\alpha = 1/2$