

## Indri

Precision and recall for top ten results

Query: what similarity laws must be obeyed when constructing aeroelastic models of heated high speed aircraft .

precision =  $4/10 = 40\%$

recall =  $4/28 = 14.3\%$

Query: what are the structural and aeroelastic problems associated with flight of high speed aircraft .

precision =  $5/10 = 50\%$

recall =  $5/23 = 21.7\%$

Query: what problems of heat conduction in composite slabs have been solved so far .

precision =  $5/10 = 50\%$

recall =  $5/8 = 62.5\%$

Query: can a criterion be developed to show empirically the validity of flow solutions for chemically reacting gas mixtures based on the simplifying assumption of instantaneous local chemical equilibrium .

precision =  $2/10 = 20\%$

recall =  $2/2 = 100\%$