Problem definitions

Implicit Assumptions

Problem Discussion

Approach

* Modeling Language
* More Expressive Languages
* Leveraging Known Sources

Inducing Definitions

* Inductive Logic Programming
* Iterative Expansion
* Domain Predicates vs Sources Predicates
* Limiting the Search

Scoring Definitions

* Partial Definitions
* Binding Constraints
* Favouring Shorter Definitions
* Aproximating Equality

Extensions

* Generating Inputs
* Dealing with Sources
* Logical Optimizations
* Functional Sources
* Constants
* Post-Processing

Evaluation

* Experimental Setup
* Evaluation Criteria

Experiments

* GeoSpatial Sources
* Financial Sources
* Wheater sources
* Cars And Traffic Sources
* Overall Results
* Empirical Comparison

Related Work

* An Early Approach
* Direct Application of ILP techniques
* Machine Learning Approaches
* Database Approaches
* Semantic Web Approach

Discussion

* Application Scenarios
* Opportunities for further Research

Achnowledgements