

# Tabular Constraint Learning

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**Abstract.** abstract

## 1 Introduction

SERGEY we need structure test

## 2 Related Work

SERGEY ECAI reference style file ignores their guideline and their guideline ignores what is written in the guidelines! flashfill, flashtextract, flashmeta [3, 4, 5]

- their supervised vs our unsupervised approach
- they look for a single “smallest” solution, we enumerate them all
- they are looking for a function, we solve constraint satisfaction problems
- we do not assume classic row based data layout, we work in the tabular setting

sketch [7]

- look for a constant that would fill in the gap in a program
- tailored for programming languages
- similar to model checking
- looks for a single solution
- similar to constraint satisfaction and sat, where one is interested in a single assignment that works for any potential input

tabular [2]

- language based on the excel tables that specify probabilistic models
- a system for probabilistic inference and similarity mostly in the usage of excel
- probabilistic constraint satisfaction (?) and graphical models
- single solution again

modelseeker [1] SERGEY Samuel, Luc, probably you would need elaborate here more in details

- not designed for excel-like data representation (type consistency, groups, etc)
- not designed for excel-like constraints (lookups, conditional ifs, etc)
- does not support user extensions (?)

claudien [6] SERGEY Samuel, Luc, you would need to help with this one

## REFERENCES

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