Automatically responding to customers

February 4, 2019

Table of Contents

Introduction
Preliminaries
Benchmarking
Improving accuracy
Conclusions

Research question 1
Research question 2

Table of Contents

1. Introduction
   - Research question 1
   - Research question 2

2. Preliminaries

3. Benchmarking

4. Improving accuracy

5. Conclusions

Introduction
Preliminaries
Benchmarking
Improving accuracy
Conclusions

Research question 1
Research question 2

Existing benchmarks

- Braun et al.
- Snips (next slide)
- Burtsev et al.
- Botfuel

Introduction
Preliminaries
Benchmarking
Improving accuracy
Conclusions

Research question 1
Research question 2

SNIPS demonstration

Introduction
Preliminaries
Benchmarking
Improving accuracy
Conclusions

Research question 1
Research question 2

SNIPS own benchmark

Introduction
Preliminaries
Benchmarking
Improving accuracy
Conclusions

Research question 1
Research question 2
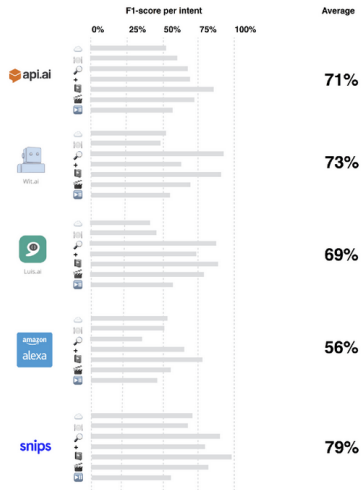
Question and goal

- Can an open-source NLU benchmarking tool be created?
- Develop such a tool.

Introduction
Preliminaries
Benchmarking
Improving accuracy
Conclusions

Research question 1
Research question 2

Improving accuracy

How hard can it be?

Introduction
Preliminaries
Benchmarking
Improving accuracy
Conclusions

Research question 1
Research question 2

Question and goal

- Can accuracy for NLU be increased?
- Improve the accuracy

Table of Contents

Table of Contents

Table of Contents

Introduction
Preliminaries
Benchmarking
Improving accuracy
Conclusions

Research question 1
Research question 2

Table of Contents

Introduction
Preliminaries
Benchmarking
Improving accuracy
Conclusions

Research question 1
Research question 2

Research question 1

Introduction
Preliminaries
Benchmarking
Improving accuracy
Conclusions

Research question 1
Research question 2

Research question 2