

Using Annotations on Mechanical Turk to perform supervised polarity classification of Spanish Customer Comments

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Abstract

Keywords: Annotations on Mechanical Turk, HIT design, supervised polarity classification

1. Introduction

MARTA, RAFAEL

2. Task outline and goals

MARTA

3. HIT design

DONE

4. Annotation Task Results

4.1. HIT statistics

DONE

4.2. HIT distribution

DONE

5. Annotation Task Analysis

FRANCESC, MARTA, RAFAEL

1. Interannotator agreement depending on the annotator. GOAL: evaluate the annotator reliability
2. Evaluate the bias for the 3 annotators that did most of the work.

5.1. Quality

ALL AUTHORS

1. Prepare annotations HIT2 and HIT3 (FRANCESC)
2. Annotate the 500 test sentences following the HIT2 guidelines (ALL AUTHORS)
3. Annotate the 500 test sentences following the HIT3 guidelines (ALL AUTHORS)

5.2. Costs

DONE

6. Supervised polarity classification using Annotations on Mechanical Turk

6.1. Datasets details

DONE

6.2. Experiments using HIT1

DONE

6.3. Experiments using HIT2

BART,JENS, JOAN

1. Add classification experiments (discret/continuous) using HIT2 annotations

6.4. Experiments using HIT3

BART,JENS,JOAN

1. Add classification experiments (discret/continuous) using HIT3 annotations

6.5. Comparative experiments

BART,JENS, JOAN

1. Comparative evaluation of classification systems trained with the 3 different HITS (using only the turkers' annotations)

7. Conclusions

ALL AUTHORS