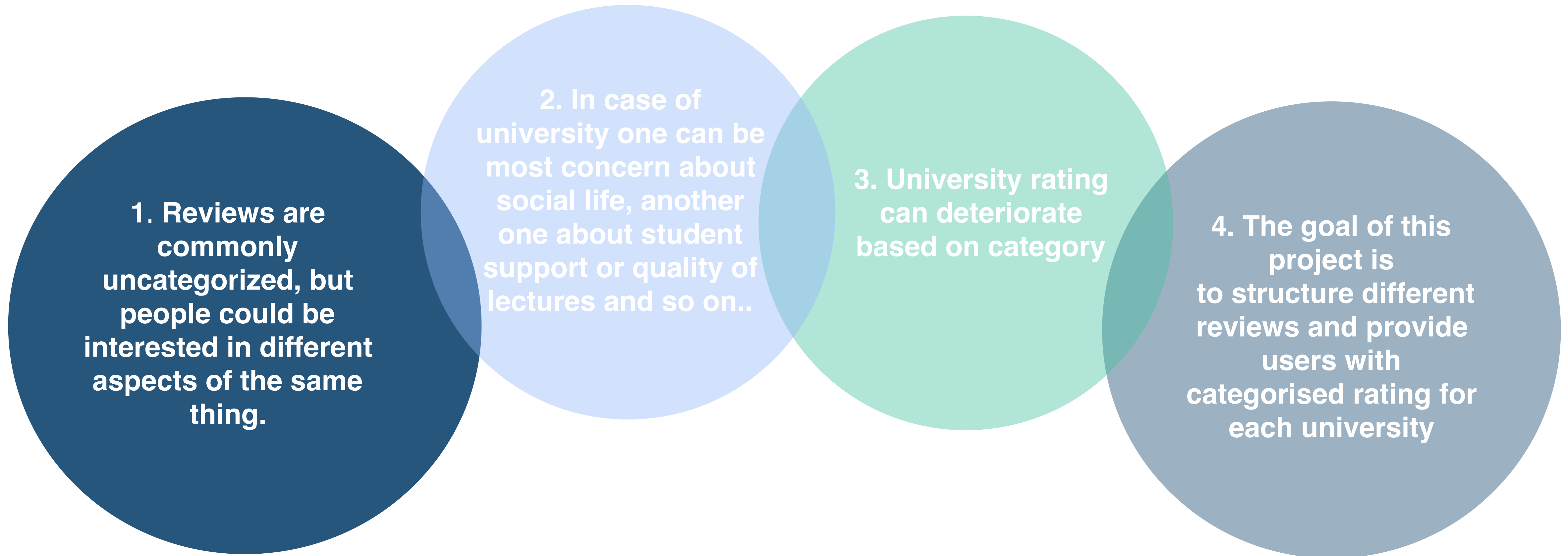


College Reviews Analysis

PIVNITSKAYA NATALIYA

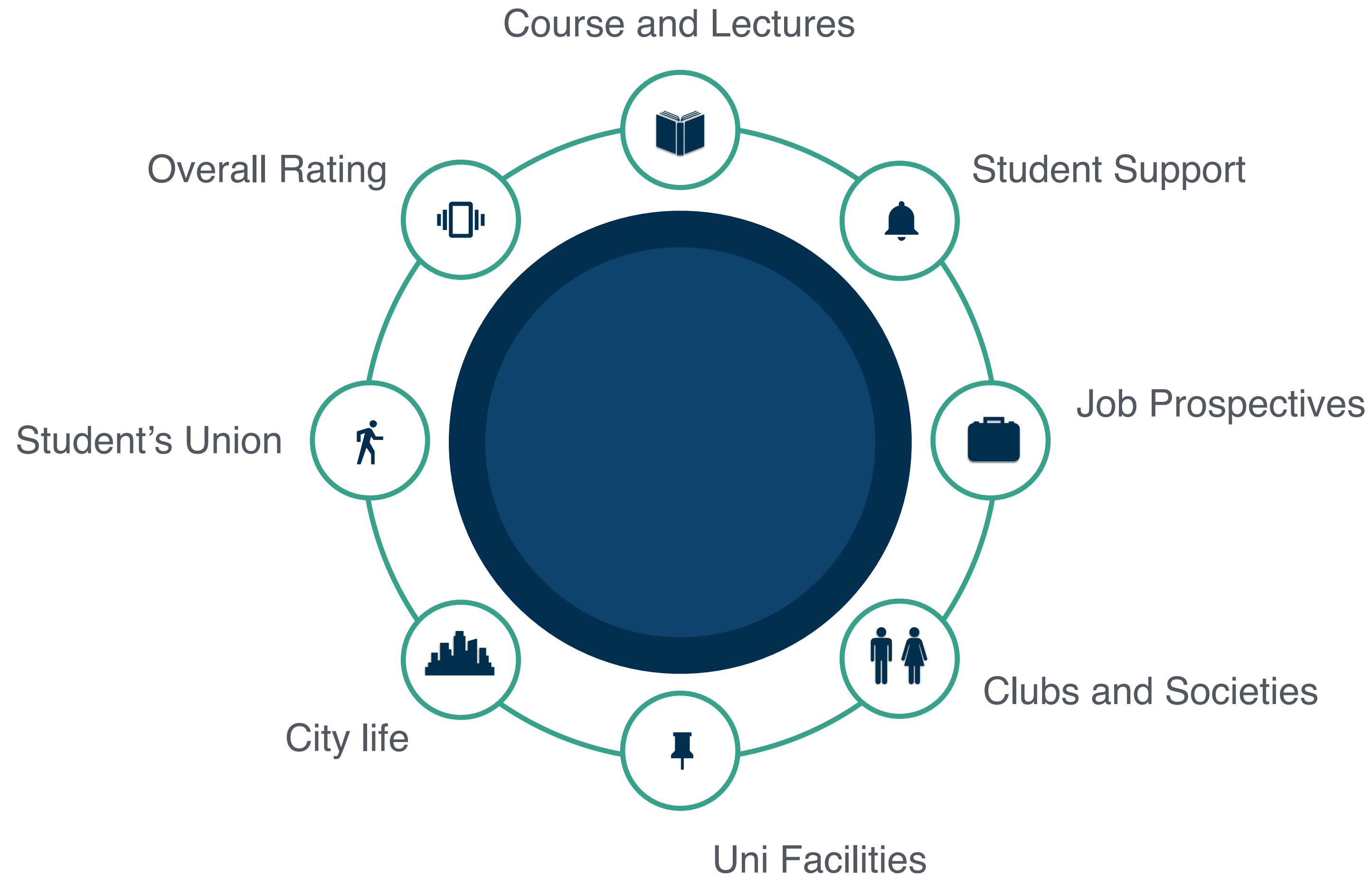
Problem Overview



Data

Scrapped from: www.whatuni.com

Database: MongoDB

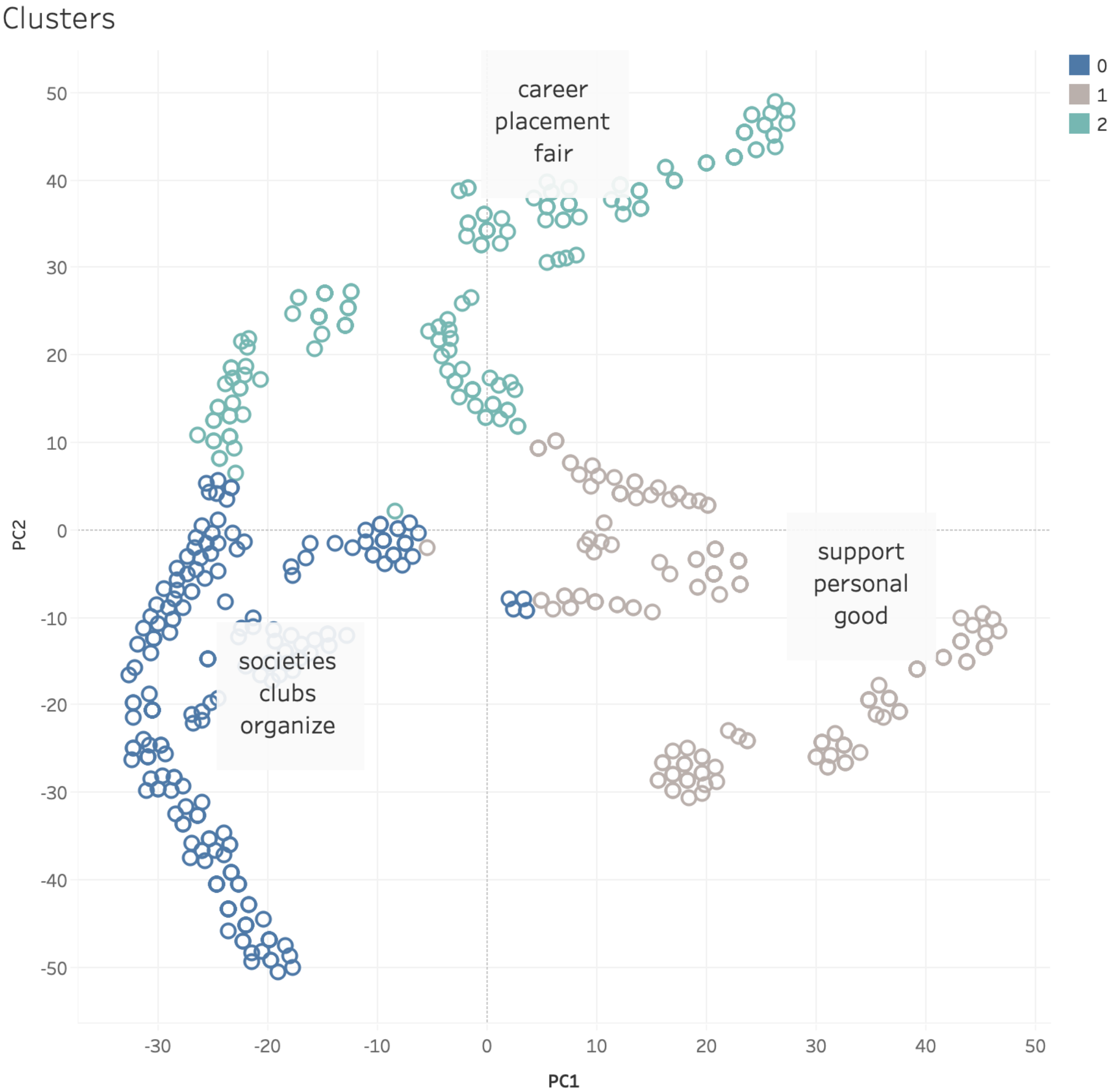


Text preprocessing steps

- 1 Converting all letters to Lower case
- 2 Removing numbers
- 3 Tokenisation, removing punctuations

- 4 Removing stop words
- 5 Lemmatization
- 6 Filtering

Latent Dirichlet Allocation



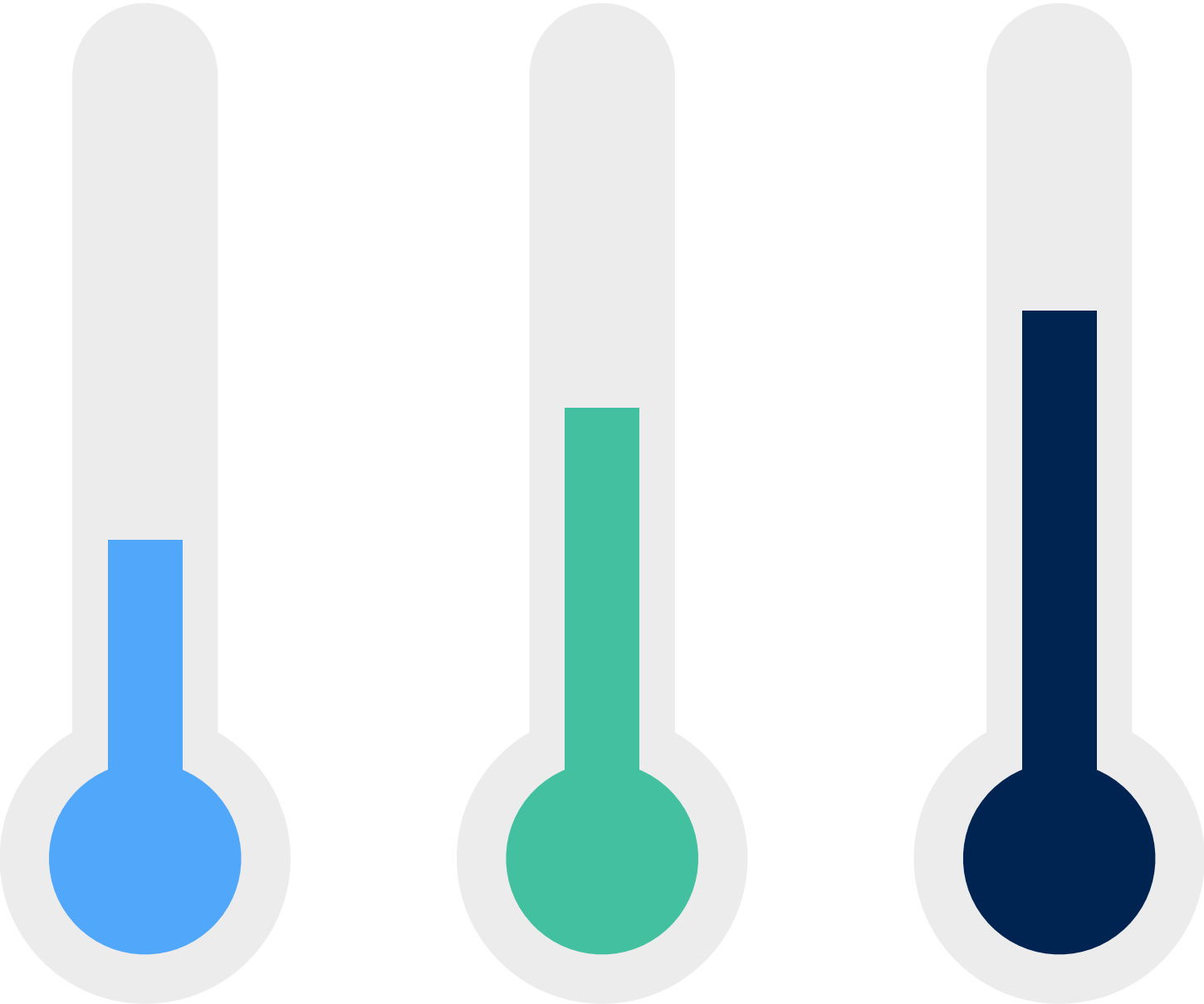
Sentiment Analysis

1 step

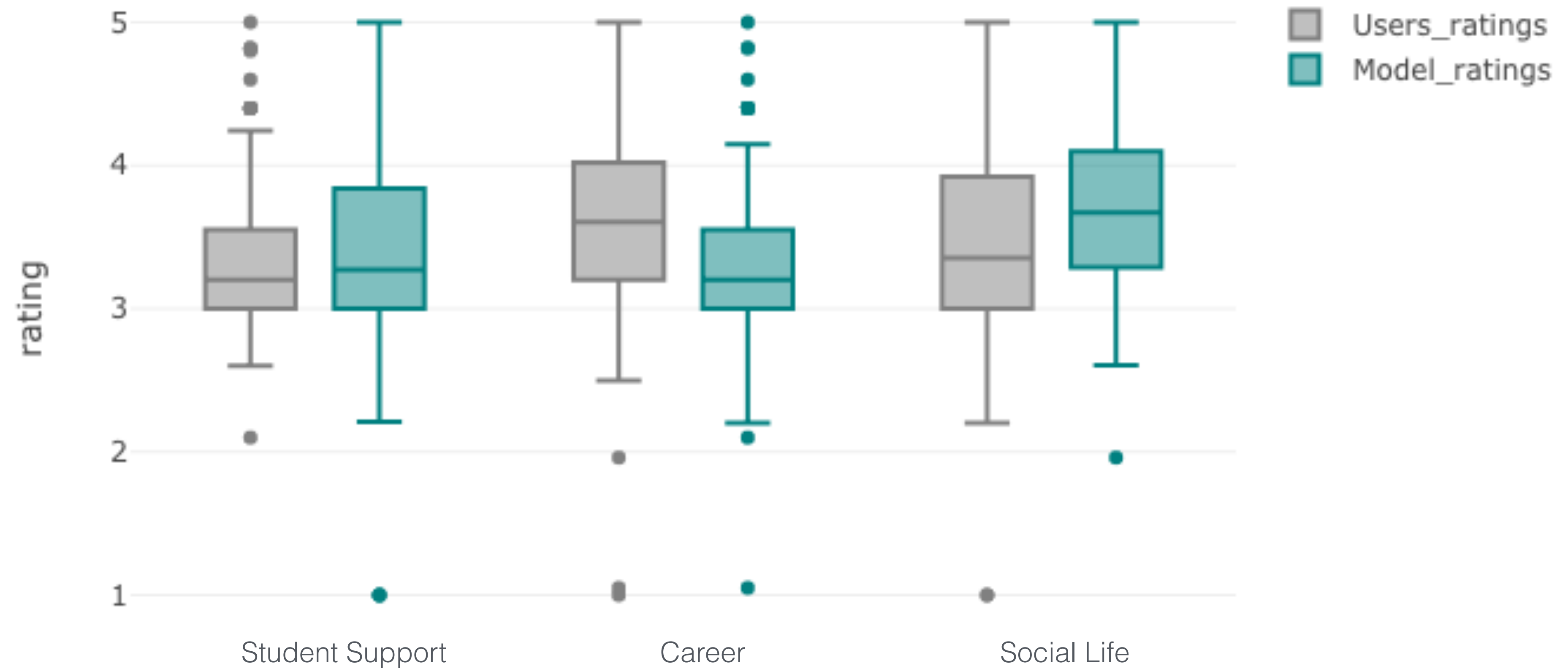
Instrument: polarity from TextBlob

2 step

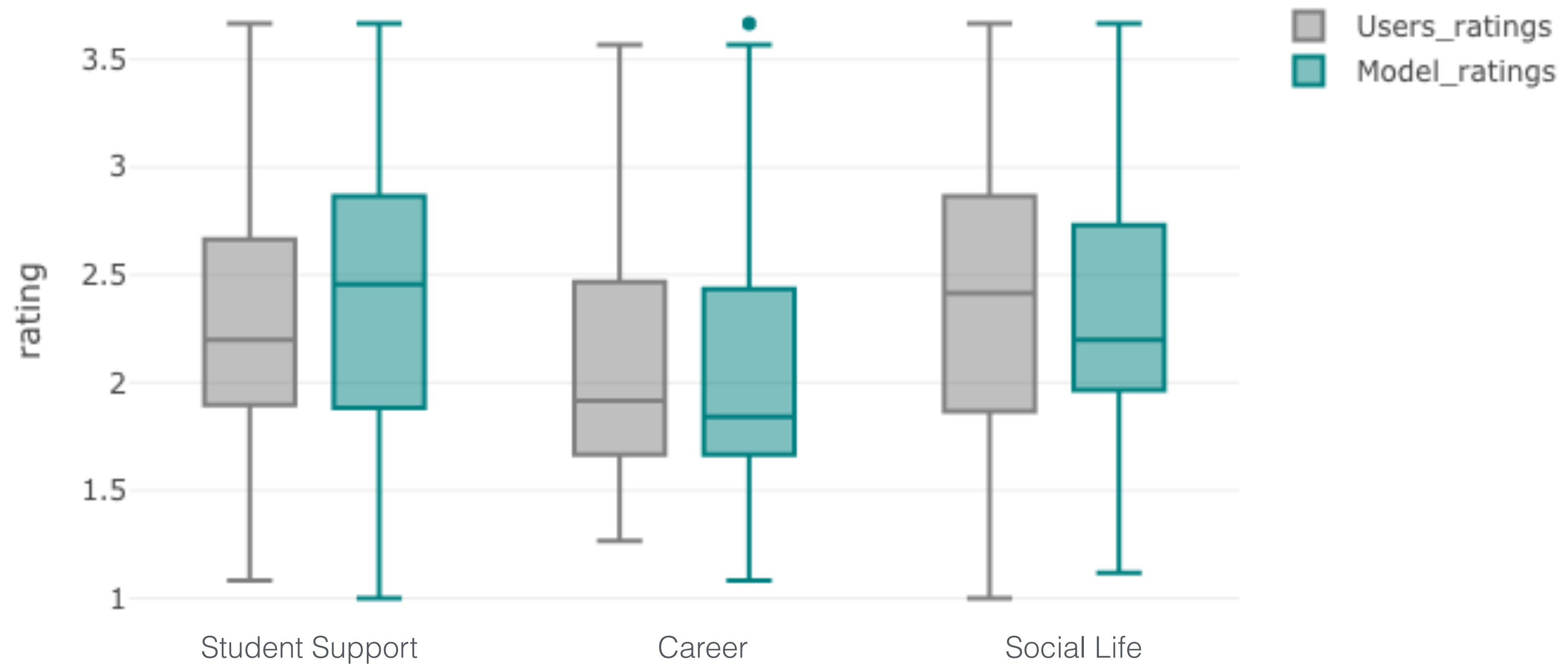
Mapping values to standard rating scale from 1 to 5 stars



Result comparison

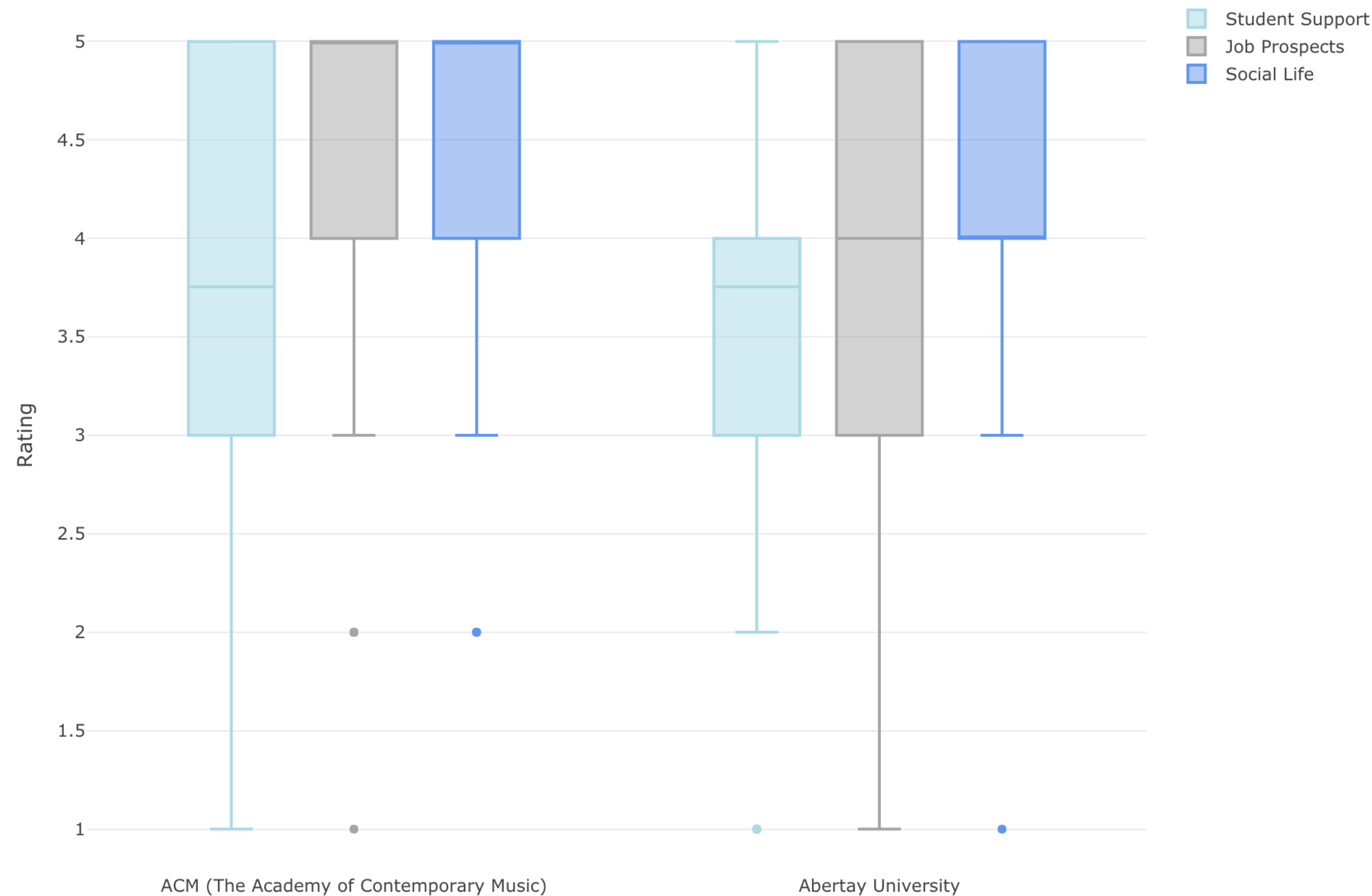


Result comparison



Check out the app

Link: <http://18.191.158.75:5000/>





Thank you

Questions?