



ANALYSIS OF OPEN-ENDED QUESTIONS

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INTRODUCTION

- **Our aim** is to build tools for text data that work with Finnish language with sufficient ease and to support explorative analysis of responses to open-ended survey questions
- Open-ended questions are an **important** but **challenging** way to obtain unexpected informative data in surveys.
 - Open-ended question data usually requires **extra time investment** (Fielding et al., 2013), but open-ended questions are particularly useful if researchers do not want to constrain respondents' answers to pre-specified selections. Open-ended questions allow respondents to provide points of view based on their experience, and **some answers are probably never thought of by researchers.** (He & Schonlau, 2021.)
 - *Hypothesis: Sometimes these divergent experiences may bring to view completely new, emerging societal phenomena.*
- There's limited support for conducting qualitative analysis on **Finnish** open-ended survey responses, so open responses tend not to be utilized properly



ADDITIONAL INFORMATION

- The [finnsurveytext project](#) is part of DARIAH-FI which is a research infrastructure project for Social Sciences and Humanities (SSH) in Finland.
- The package can be found on the CRAN here: [CRAN: Package finnsurveytext](#)
- Package website: [finnsurveytext](#)
 - The website contains a number of tutorials covering the package including one about using languages other than Finnish with the package: [Extra-AnalysingOtherLanguages](#)
- To learn more about *TextRank* – the unsupervised algorithm used to within our Concept Network to rank keywords in responses – you may want to look at [this paper](#)



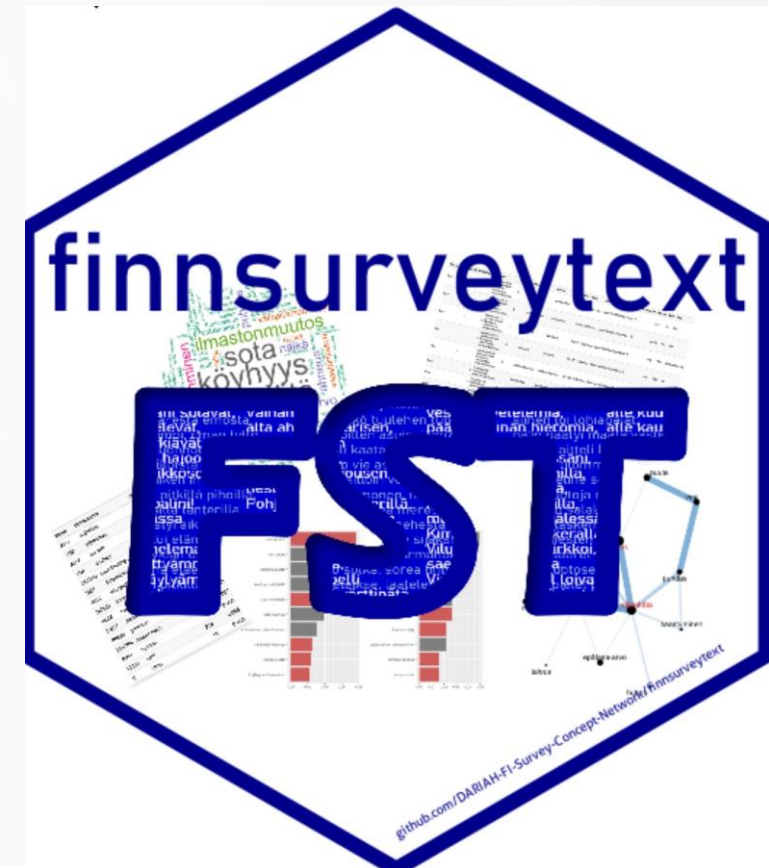
HOW TO USE THE PACKAGE

Install and load package from CRAN:

```
>install.packages('finnsurveytext')  
>library(finnsurveytext)
```

Run (BETA) RShiny app:

```
>runDemo()
```





CONTACT INFORMATION



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