Reasons to Be Satisfied or Dissatisfied With a Virtual Coach for Quitting Smoking and Becoming More Physically Active:

A Mixed-Methods Analysis

INTRODUCTION

- Sam is a virtual agent created by the Perfect Fit project
- Sam helps people be more physically active in order to stop smoking
- Data collected from pre-screening until postquestionnaire phase
- 500 users' responses and characteristics were analysed

OBJECTIVE (2.)

Determining the reasons users are satisfied or dissatisfied when using the virtual coach through the means of three different ways of analysis

(3.) METHODOLOGY

Thematic analysis (qualitative)

• Free-text responses analysed to obtain themes

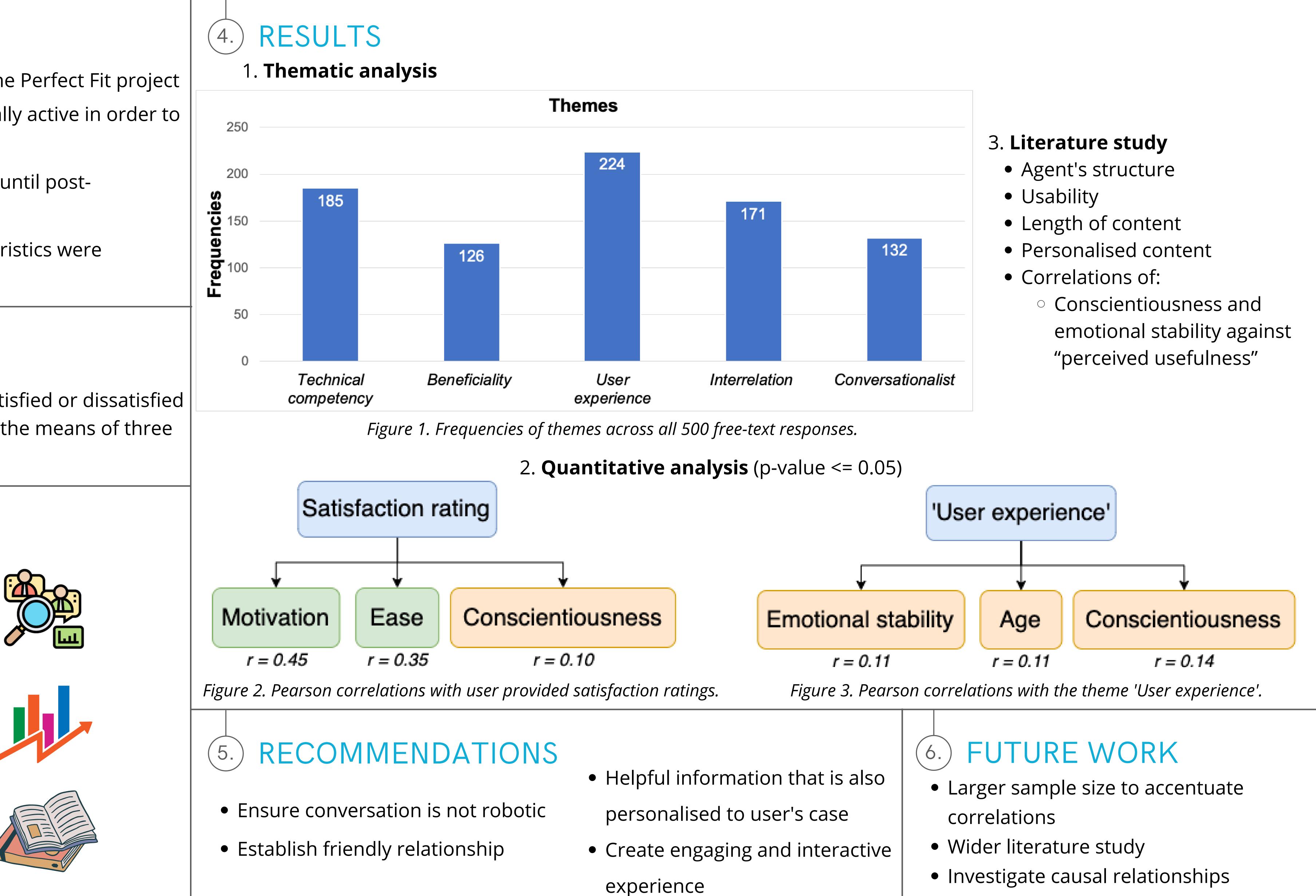
Quantitative analysis

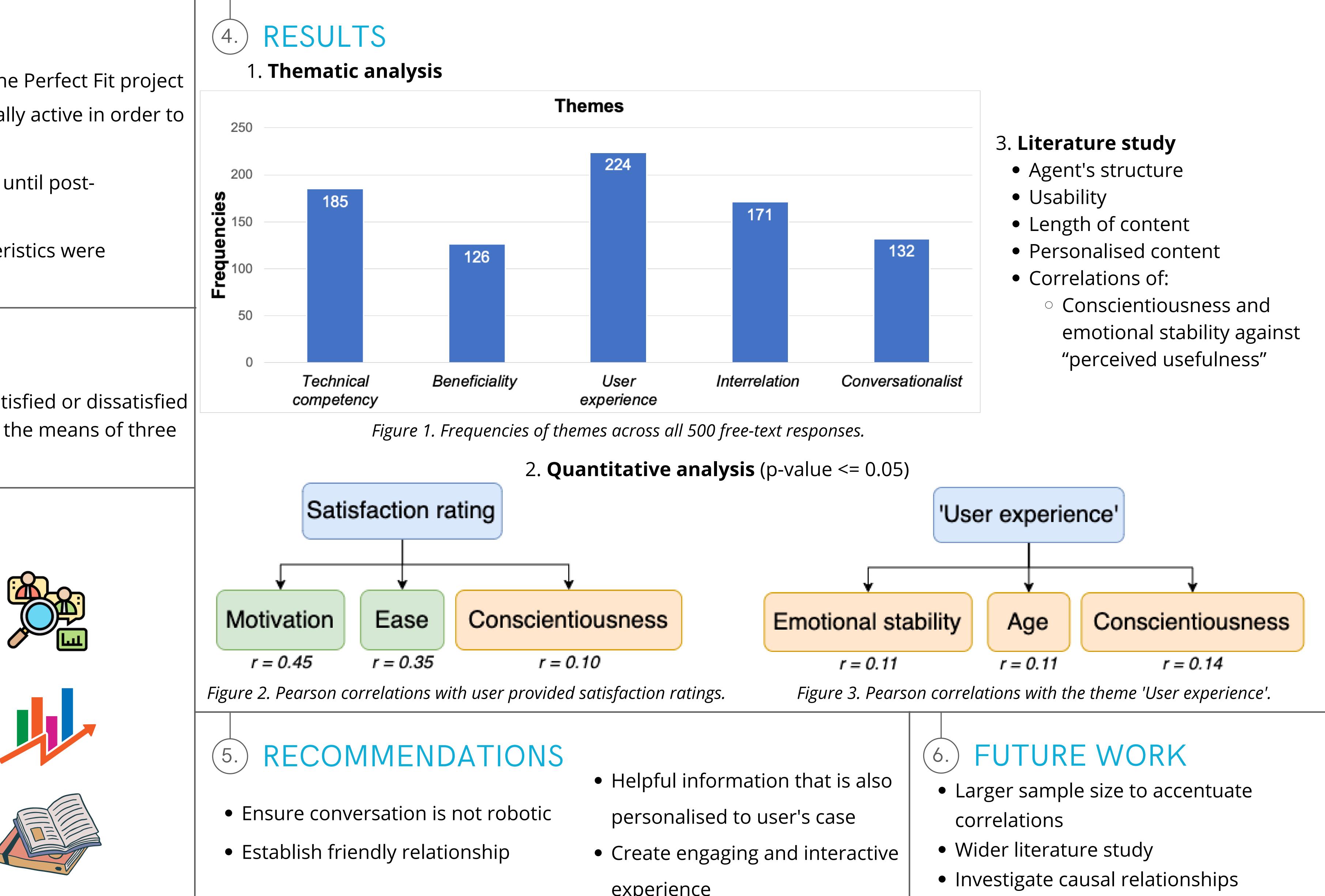
 Obtain Pearson correlations in users' data as well as with themes

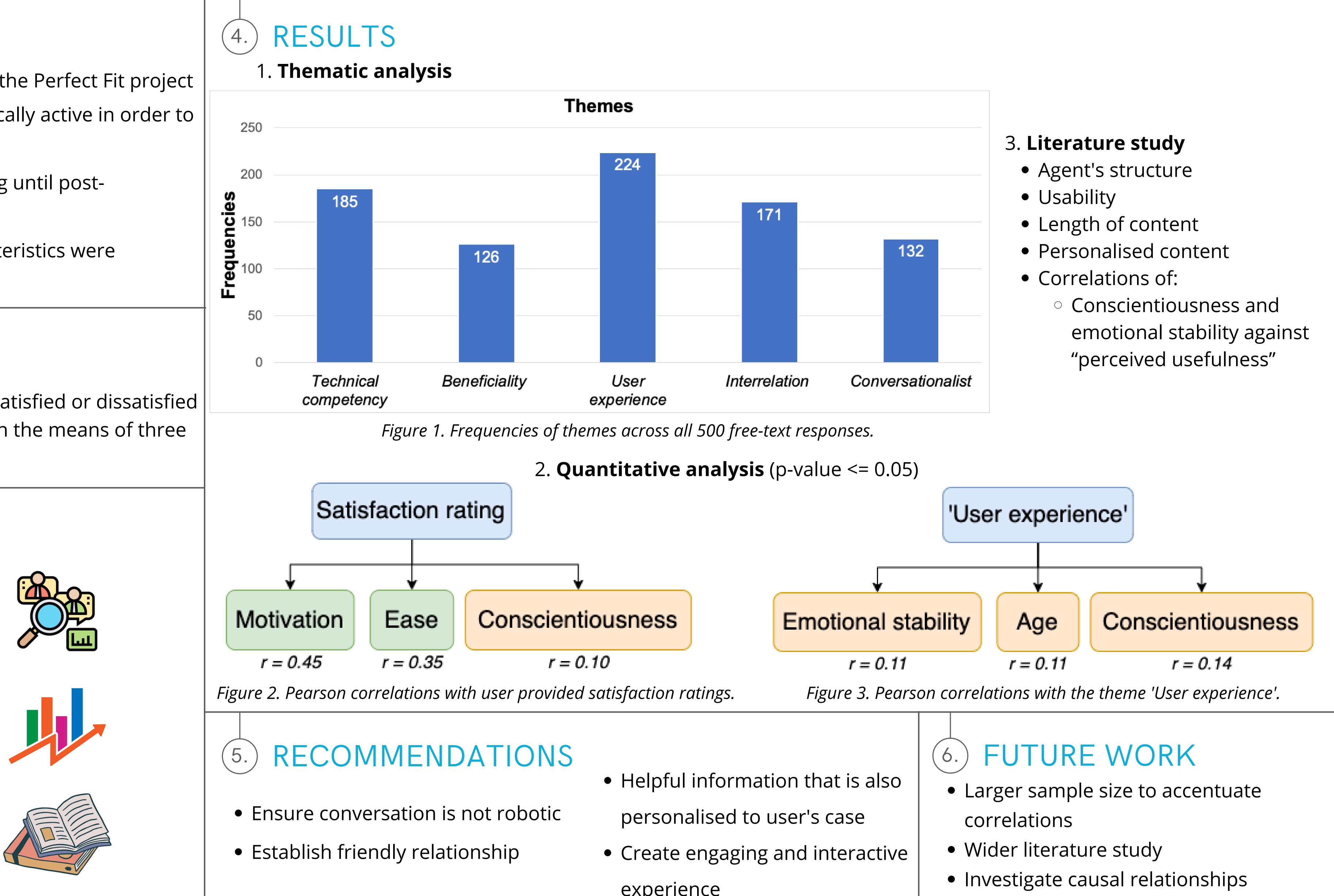
Literature study

• Utilise outcomes of other eHealth applications

REFERENCES







- https://doi.org/10.17605/OSF.IO/K2UAC

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• Sam: Albers, N. Reinforcement Learning-based Persuasion for a Conversational Agent to Support Behavior Change: Code (Version 1.0) [Computer software]. https://doi.org/10.5281/zenodo.6319356







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