

# Attitudes Toward a Virtual Smoking Cessation Coach: Relationship and Willingness to Continue

## Qualitative Analysis

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This file is meant to give you an overview of the information we provide on our qualitative analysis. Specifically, we provide:

- the coding schemes,
- the codes assigned by the first and second coder,
- code to reproduce the average Cohen's Kappa scores reported in the "Analysis strategies"-section,
- the final assigned codes, and
- code to reproduce the theme frequencies reported in the "Results"-section.

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## Overview of Information

### Coding Schemes

To see the final coding schemes, refer to the files "Coding\_Scheme\_Relationship.png" and "Coding\_Scheme\_Willingness\_to\_Continue.pdf."

### Double Coding

Navigate to the folder "Double\_Coding" to see:

- the codes assigned by both coders for each attitude question,
- Python code to compute the agreement between the two coders for the two attitude questions, and
- the output of the above code for the two attitude questions (i.e., the average Cohen's Kappa values).

### Final Codes

To see the final codes assigned to the free-text responses, refer to the files "Final\_Coding\_Relationship.xlsx" and "Final\_Coding\_Willingness\_to\_Continue.xlsx."

### Theme Frequencies

To re-compute the theme frequencies reported in the "Results"-section, run the file "calculate\_theme\_frequencies.py" The output we obtained is written to the file "calculate\_theme\_frequencies\_output.txt."

## Explanation of Files and Folders

This directory contains the following files and folders:

- Double\_Coding: To reproduce the average Cohen's Kappa scores reported in the "Analysis strategies"-section,

- `calculate_theme_frequencies.py`: Compute theme frequencies,
- `calculate_theme_frequencies_output.txt`: Output of the above Python-file when run by us,
- `Coding_Scheme_Relationship.png`: Visualization of initial and final coding scheme for "relationship,"
- `Coding_Scheme_Willingness_to_Continue.pdf`: Visualization of coding scheme and mapping of codes to themes for "willingness to continue,"
- `Final_Coding_Relationship.xlsx`: Final coding of free-text responses for "relationship,"
- `Final_Coding_Willingness_to_Continue.xlsx`: Final coding of free-text responses for "willingness to continue," and
- `README.md/README.pdf`: This README-file.

Notably, participant numbers in the paper (e.g., P1) refer to the rows in the files with the final coding.