

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

Qualitative Analysis

Author: Nele Albers **Date:** February 2023

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, and
- the final assigned codes.

Authored by Nele Albers, Mark A. Neerinx, Nadyne L. Aretz, Mahira Ali, Arsen Ekinci, and Willem-Paul Brinkman.

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."

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,
- 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.