# Coding Instructions – Functionality of E-mental health for Depression

## Structure of Functional Components

In one part of the database, I have split e-mental health systems into “functional” components, i.e. components with a certain functionality. Components are grouped into two large categories: intervention components and support components. You are already familiar with the intervention components as you have mapped these to the “therapeutic frameworks”. I have not yet shared the support components with you. There are again 4 sub-categories of support components: support componentsfor treatment planning (e.g. scheduling of sessions at the outset of the intervention), treatment execution (e.g. reminders), monitoring (e.g. monitoring of symptoms), and social support (e.g. therapist support).

## Tasks

You have been provided with four documents:

1. *function\_list.xlsx* - an excel document with 5 tabs. The first is the intervention components tab, the remaining ones are the support component tabs. Support components have comments attached that explain their meaning.
2. *articles.zip* - a folder of articles, containing an excel document (*coding\_file\_identification\_empty.xlsx*) for task 1.
3. *coding\_file\_classification\_empty.xlsx* - a second excel document with “component descriptions” as they appear in the database (functional components that I have identified from the papers).

There are two separate tasks that I would like you to do. In the first task, you should look at the papers in *articles.zip*. Using *function\_list.xlsx*, I would like to know which components you can identify from the descriptions of the interventions in the papers. The excel document *coding\_file\_identification\_empty.xlsx* has two columns for this task. The first column contains the name of the article file. In the second column, you may write a list of the components that you can identify from the articles.

In the second task, you are given a list of component functionality descriptions in the first column of *coding\_file\_classification\_empty.xlsx* (snippets of intervention descriptions taken from many different papers). Your task here is to classify which of the functional components from *component\_list.xlsx* is being described.

As always, do not hesitate to ask questions if something is unclear.