

# ##### Technology-supported social skills training systems: A systematic literature review#####

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## ##### General Introduction #####

This dataset contains data collected in a systematic literature review of technology-based social skills training systems, conducted in Interactive Intelligence Group, Department of Intelligent Systems, Faculty of Electrical Engineering, Mathematics and Computer Science, TU Delft.

## ##### Purpose of the experiment #####

This study aims to give an overview of the state of the art of technology-supported systems for social skills training, focusing on three main research questions: 1. How have these systems been developed? 2. Which functions do these systems provide? 3. What impact do these systems have?

## ##### Description of the dataset and the data in this dataset#####

Beside this readme file, this dataset included another four files: 1) The data file (the data collected in the study), 2) The R script for analysis the data, and 3) The output of the R analysis. 4) The tables present the characteristic of technology-supported social skills training systems. The following is the introduction of each file.

### **The data file (the data collected in the study)**

TableFull.csv #The dataset contains the data collected after the systematic literature review

Functions.csv #The dataset contains the data that presents functions provided by the training systems

Assessment.csv #The dataset contains the data that presents the form of assessment for the studies included in this review

TargetSkills.csv #The dataset contains the data that presents the targeted skill of the training systems

RawDataFirstRound.csv #The dataset of the included papers after the first-round review

RawDataSecondRound.csv #The dataset of the included papers after the second-round review

RawDataSecondRoundCoder1.csv #The dataset of the included papers after the second-round review done by Coder One

RawDataSecondRoundCoder2.csv #The dataset of the included papers after the second-round review done by Coder Second

InitialSearch.xlsx #The search resultAdditionalSources.xlsx #The result of the search of the reference lists of the included papers

AfterAutomaticDuplicateRemoval.xlsx #The result of the paper list after the duplication remove

FullTextNotAvailable.xlsx #The paper list of the full-text not available papers

FullTextReviewed.xlsx #The paper list of the full-text reviewed papers

RejectFullText.xlsx #The paper list of the rejected papers  
FinalIncludes.xlsx #The paper list of the final included papers

### **The R script for analysis the data**

The R script includes the R code of the analysis.

### **The tables present the characteristic of training systems**

The tables include 1). Legend Cross references of the results table after coding, 2).  
Characteristic of technology-supported social skills training systems

### **The output of the analysis**

After running the script in R, all the analysis results have been stored in this file. Through this file, the reader should be able to find all the results of the analysis we done and the data we published in the paper.