Through the eyes of the teacher

This document is a supplement to the paper and shows first graphs findings from the pilot study.

# Seed for random number generation  
set.seed(42)  
knitr::opts\_chunk$set(cache.extra = knitr::rand\_seed)

# 1 Packages

#install.packages("needs")  
  
# suppress "summarize" info.   
# if this line is ommitted, each table using the summarize function will be accompanied with a warning from the console  
options(dplyr.summarise.inform = FALSE)  
  
library(needs)  
  
needs(tidyverse,  
 lubridate,  
 viridis,  
 grid,  
 gridExtra,  
 cowplot,  
 readxl,  
 ARTofR)

# 2 Methods

We report how we determined our sample size, all data exclusions (if any), all manipulations, and all measures in the study.

## 2.1 Participants

Table 2.1:

Demographic Information and Teaching Experience

| Group | *N* | Gender  female | *M* (*SD*)  Age | Age  Rage | *M* (*SD*) Exp.  in years | Exp. Range  in years |
| --- | --- | --- | --- | --- | --- | --- |
| Expert | 5 | 80% | 47 (14.22) | 27-59 | 21 (15.97) | 3-37 |
| Novice | 11 | 64% | 23 (1.08) | 21-25 | 0 | 0 |

## 2.2 Material

## 2.3 Procedure

## 2.4 Data analysis

We used R [Version 4.0.3; R Core Team (2020)] and the R-packages *ARTofR* [Version 0.3.3; Zhang (2021)], *cowplot* [Version 1.1.1; Wilke (2020)], *dplyr* [Version 1.0.2; Wickham et al. (2020)], *forcats* [Version 0.5.0; Wickham (2020a)], *ggplot2* [Version 3.3.2; Wickham (2016)], *gridExtra* [Version 2.3; Auguie (2017)], *lubridate* [Version 1.7.9.2; Grolemund and Wickham (2011)], *needs* [Version 0.0.3; Katz (2016)], *papaja* [Version 0.1.0.9997; Aust and Barth (2020)], *purrr* [Version 0.3.4; Henry and Wickham (2020)], *readr* [Version 1.4.0; Wickham and Hester (2020)], *readxl* [Version 1.3.1; Wickham and Bryan (2019)], *stringr* [Version 1.4.0; Wickham (2019)], *tibble* [Version 3.0.4; Müller and Wickham (2020)], *tidyr* [Version 1.1.2; Wickham (2020b)], *tidyverse* [Version 1.3.0; Wickham et al. (2019)], *viridis* [Version 0.5.1; Garnier (2018a); Garnier (2018b)], and *viridisLite* [Version 0.3.0; Garnier (2018b)] for all our analyses.

# 3 Results

# 4 Discussion

# 5 References

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