

Through the eyes of the teacher

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Author Note

The Ethics Advisory Board of Leipzig University has dealt with the research project and has come to the conclusion that there are no objections to the implementation of this research project. The Ethics Advisory Board points out that the scientific and ethical responsibility for the implementation of the project remains with the project director.

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Abstract

12

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

15 *Keywords:* Professional Vision, Expert-Novice-Paradigm, Eye-Tracking

16 Word count: 1949

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Packages

Methods

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

Participants

Table 1

Demographic Information and Teaching Experience

Group	N	Male	M Age	Min Age	Max Age	SD Age	M Exp.	Min Exp.	Max Exp.	SD Exp.
Expert	4	7.00	49.25	27.00	59.00	14.93	25.25	3.00	37.00	15.20
Novice	11	18.00	23.18	21.00	25.00	1.08	0.55	0.00	6.00	1.81

Material

Procedure

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, François, Henry, and Müller (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*

31 [Version 0.1.0.9997; Aust and Barth (2020)], *purrr* [Version 0.3.4; Henry and Wickham
32 (2020)], *readr* [Version 1.4.0; Wickham and Hester (2020)], *readxl* [Version 1.3.1; Wickham
33 and Bryan (2019)], *stringr* [Version 1.4.0; Wickham (2019)], *tibble* [Version 3.0.4; Müller
34 and Wickham (2020)], *tidyr* [Version 1.1.2; Wickham (2020b)], *tidyverse* [Version 1.3.0;
35 Wickham et al. (2019)], *viridis* [Version 0.5.1; Garnier (2018a); Garnier (2018b)], and
36 *viridisLite* [Version 0.3.0; Garnier (2018b)] for all our analyses.

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Results

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Discussion

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