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Corrigendum: Video playback speed influence on learning effect from the perspective of personalized adaptive learning: A study based on cognitive load theory

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A corrigendum on

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In the original article, the original Table 3 was incorrectly included in the published article. Table 3 has now been removed from the article. The subsequent tables have been renumbered accordingly.

In addition a correction has been made to Result and Discussion, Results and Discussion on Cognitive Load Effect, Influence of Accelerated Playback Speed on Cognitive Load and Its Relation With Learning Ability, Paragraph 1. Instead of “Tables 6, 7,” it should be “Table 6.” The corrected paragraph is shown below:

The data of playback speed and cognitive load with students’ different learning abilities are analyzed using ANOVA; the results are displayed in Table 6. From the results, video playback speed has a significant influence on students’ cognitive load for both the high-level and low-level groups. However, the cognitive load of the high-level group is lower than that of the low-level group at all speeds. Through further exploration, we find that the cognitive load scores ($s = 44.42$) of the high-level group are very close to those of the low-level group ($s = 44.60$) when both groups obtain the best learning effect (at $1.25\times$ speed for the high-level group and $1.5\times$ speed for the low-level group).

The authors apologize for these errors and state that they do not change the scientific conclusions of the article in any way. The original article has been updated.

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