

Educational videos

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Educational videos

Unreviewed

Thesis circles for replications

Six studies with A-/B-testing in real courses

Multi methods research combining online surveys, log data, eye-tracking and interviews

Explanatory factor analyses:

1. Pre-knowledge
2. Motivation
3. Cognitive load & WMC
4. Split attention
5. Seductive details
6. Eye-movement
7. Self-pacing
8. Learning outcomes

Conditions:

Video vs. text
 Different backgrounds
 Speaker vs. slides

Results:

Functional typology
 Design guidelines
 Video learning theory

