

Analysis on Engagement and Efficiency from Student Responses and Question Types

C16

IDK



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For each chapter over 3 books ...

Time Spend Engagement

Completion Rate

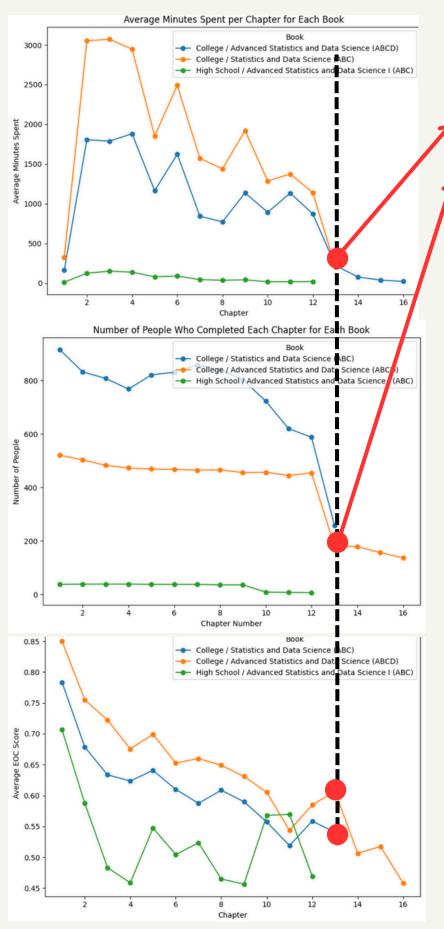
Easiness/ Coherence

- Only 25% of students complete all chapters
- Only 49% of students complete over 90% chapters

PerformanceEffectiveness

• 15 students cross materials 15% grade improvement in avg.

Figure 1. Chapter-wise analysis of metrics



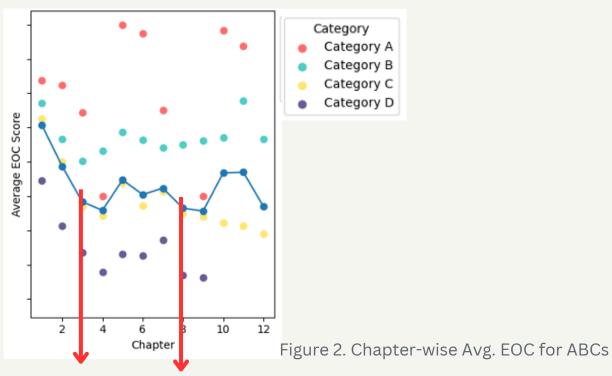
College/ (ABC)

Ch. 13 What You Have Learned

College/ (ABCD)

PART IV: MULTIVARIATE MODELS

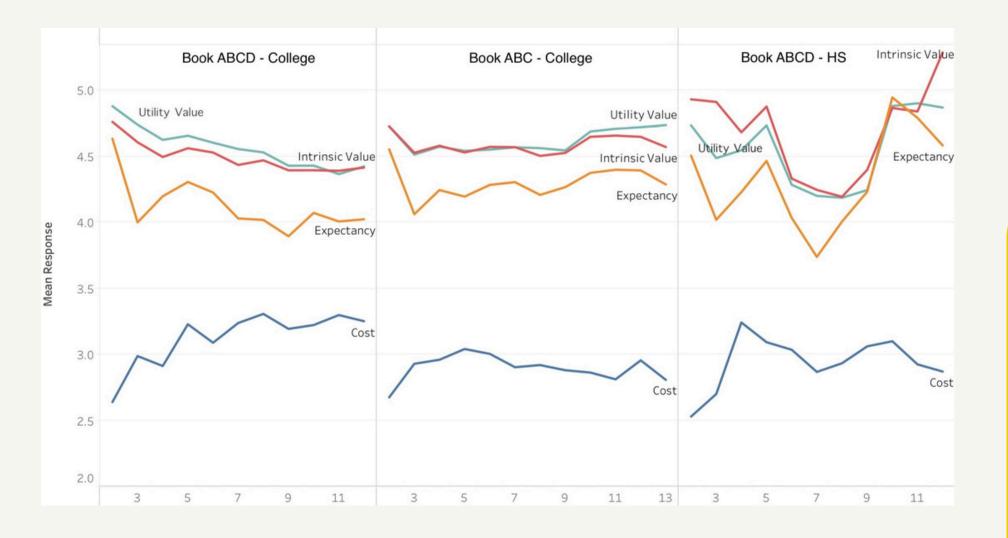
Ch.13 Introduction to Multivariate Models



High School/ (ABC) & College/ (ABC)

Ch. 4 - Explaining Variation

Ch. 9 - Models with a Quantitative Explanatory Variable

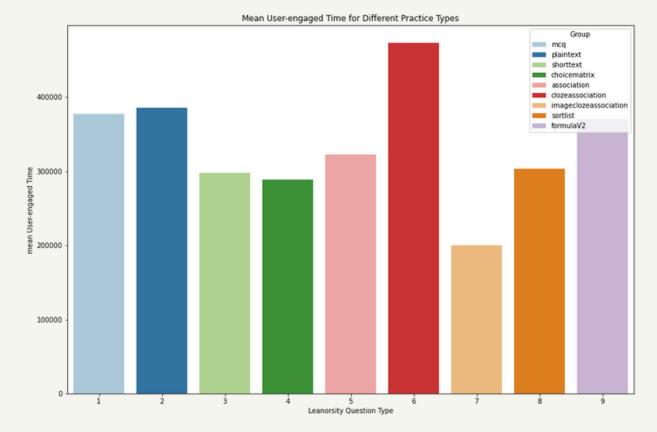




Student Feedbacks

Suggestion:

- Reduce the number of MCQ questions;
 Increase Clozeassociation questions
- Encourage advanced learning
- Adjust difficulty based on responses
- Students engage more on Friday nights



User-engaged-Time For Each Learnosity Types:

- MCQ occupies 92.48% of All Types of Questions.
- However, the Clozeassociation (only 0.49%) has the highest engaged time.