DATA FEST 2024

Based on student performance, how can certain textbook sections be improved to increase student understanding in statistics?

The Sticky Notes:

ALENA CHEN
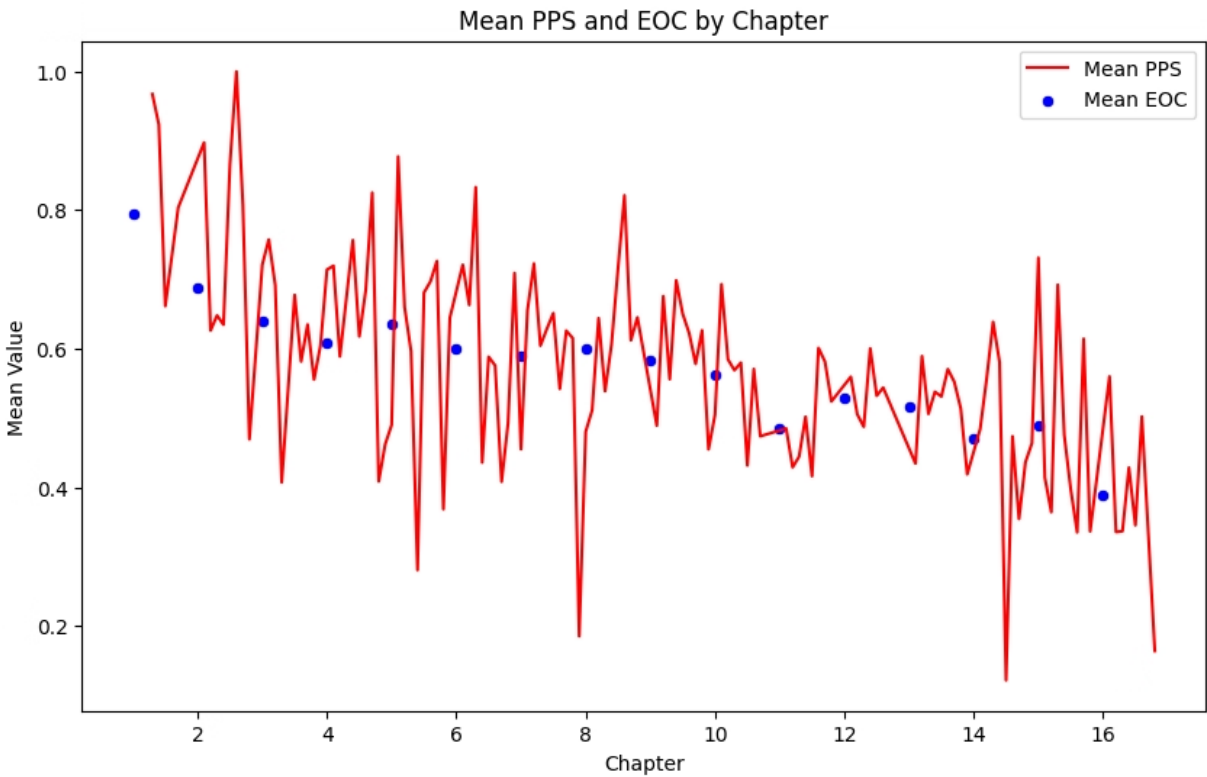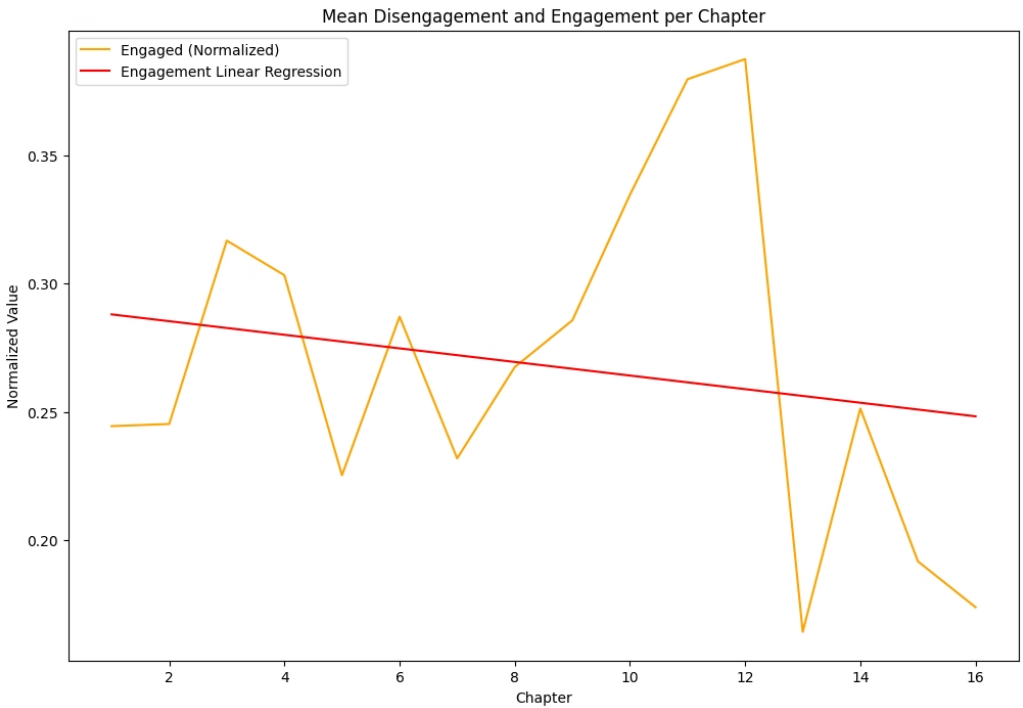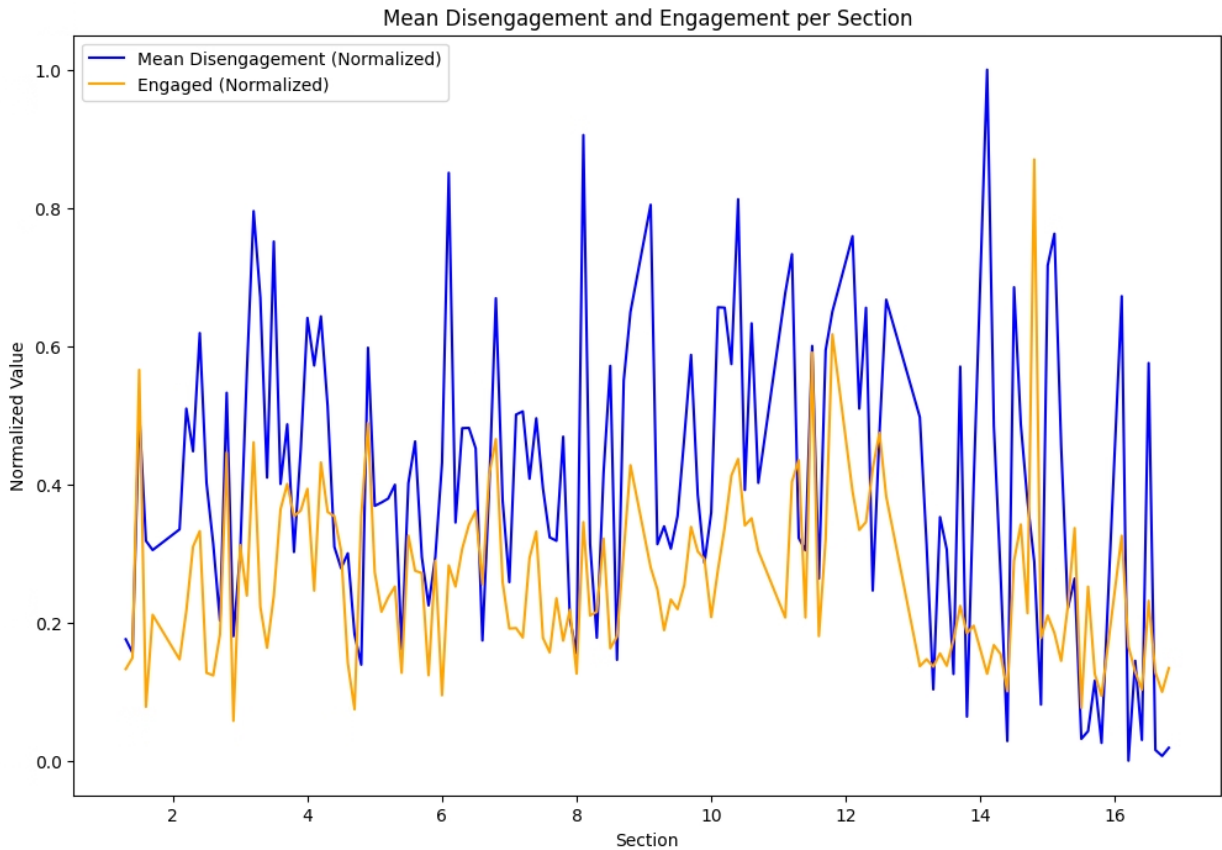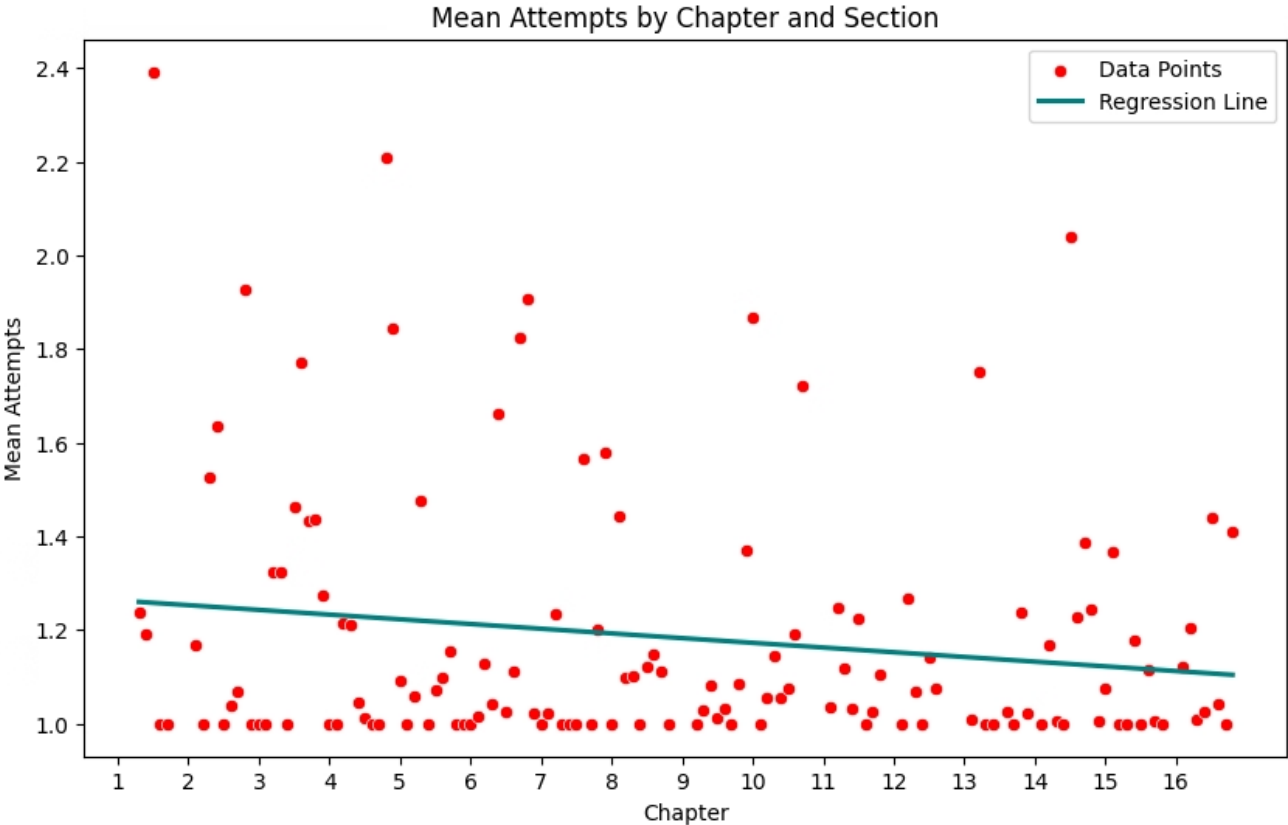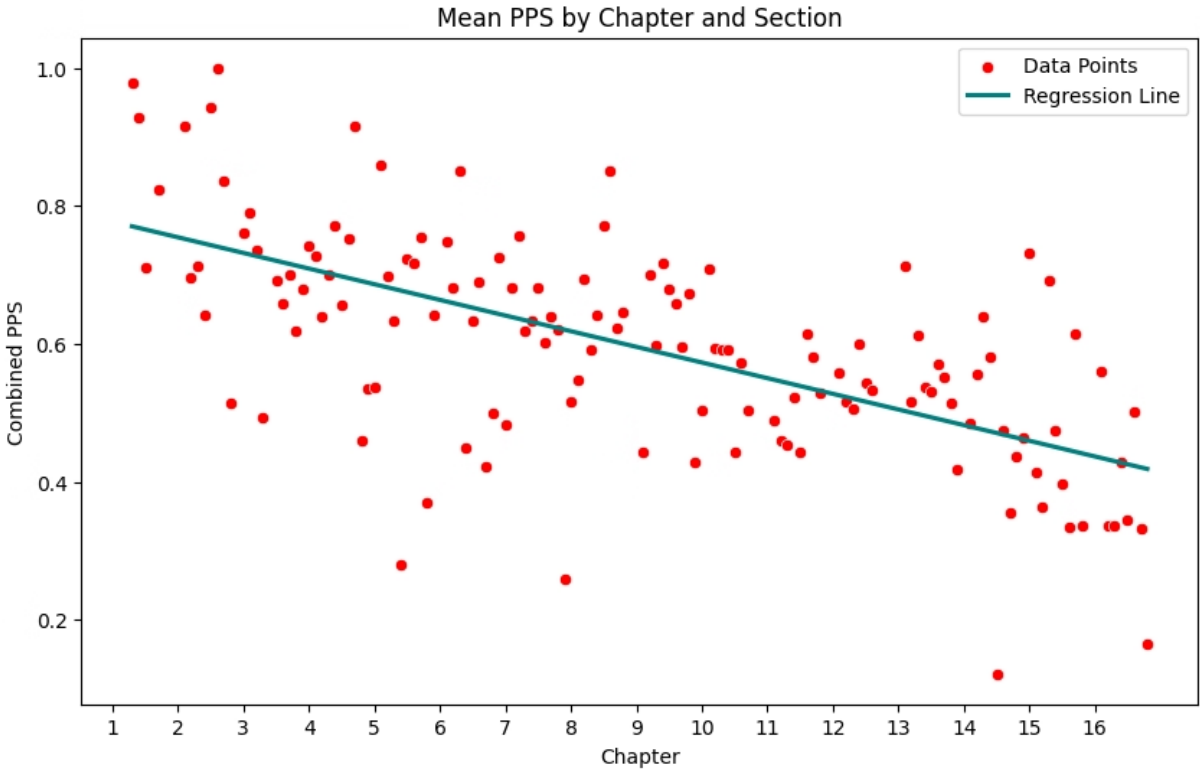BRYNNE BARNARD-BAHN
KENNY MAI
TARA PANDEY
WILL WALSH

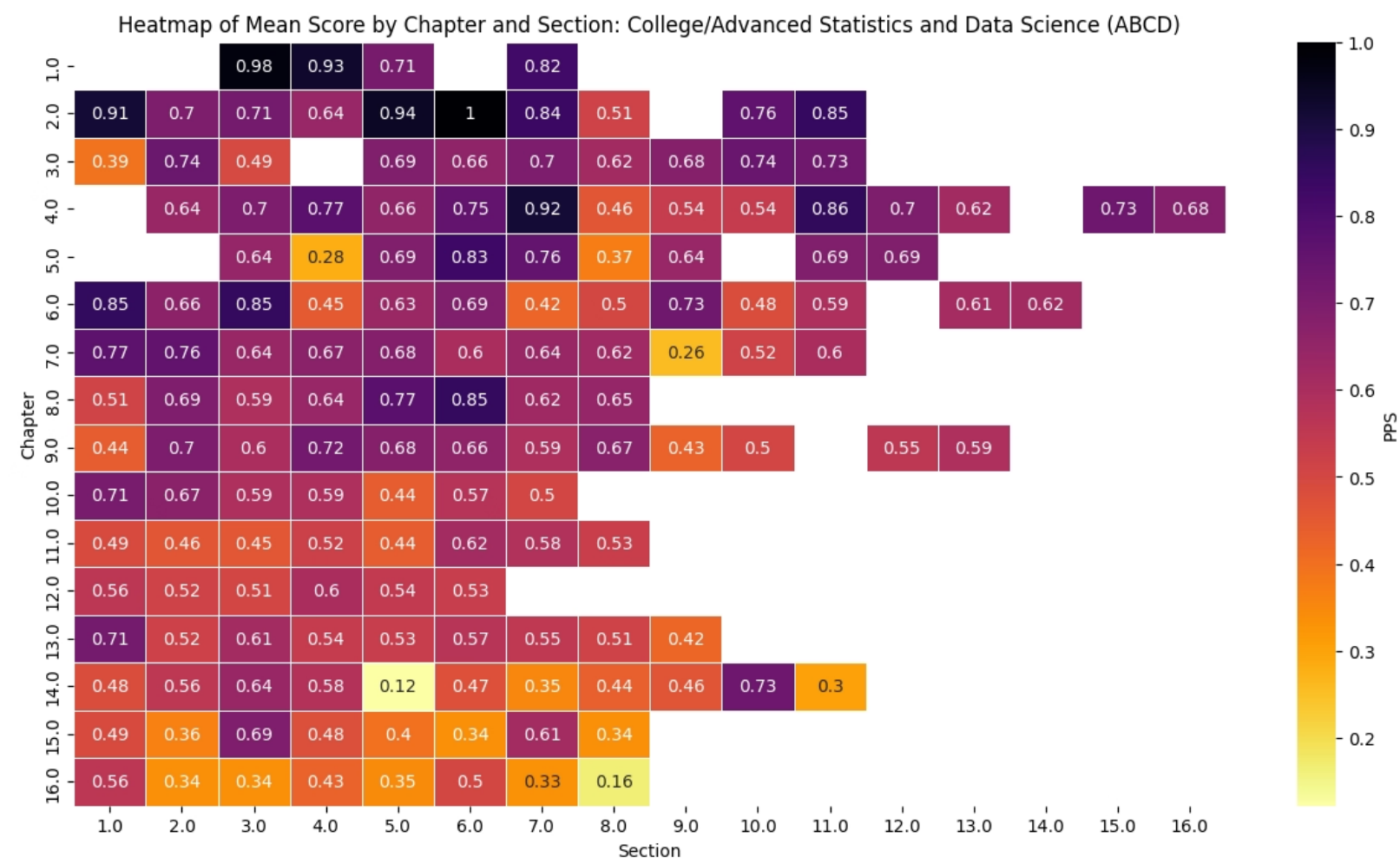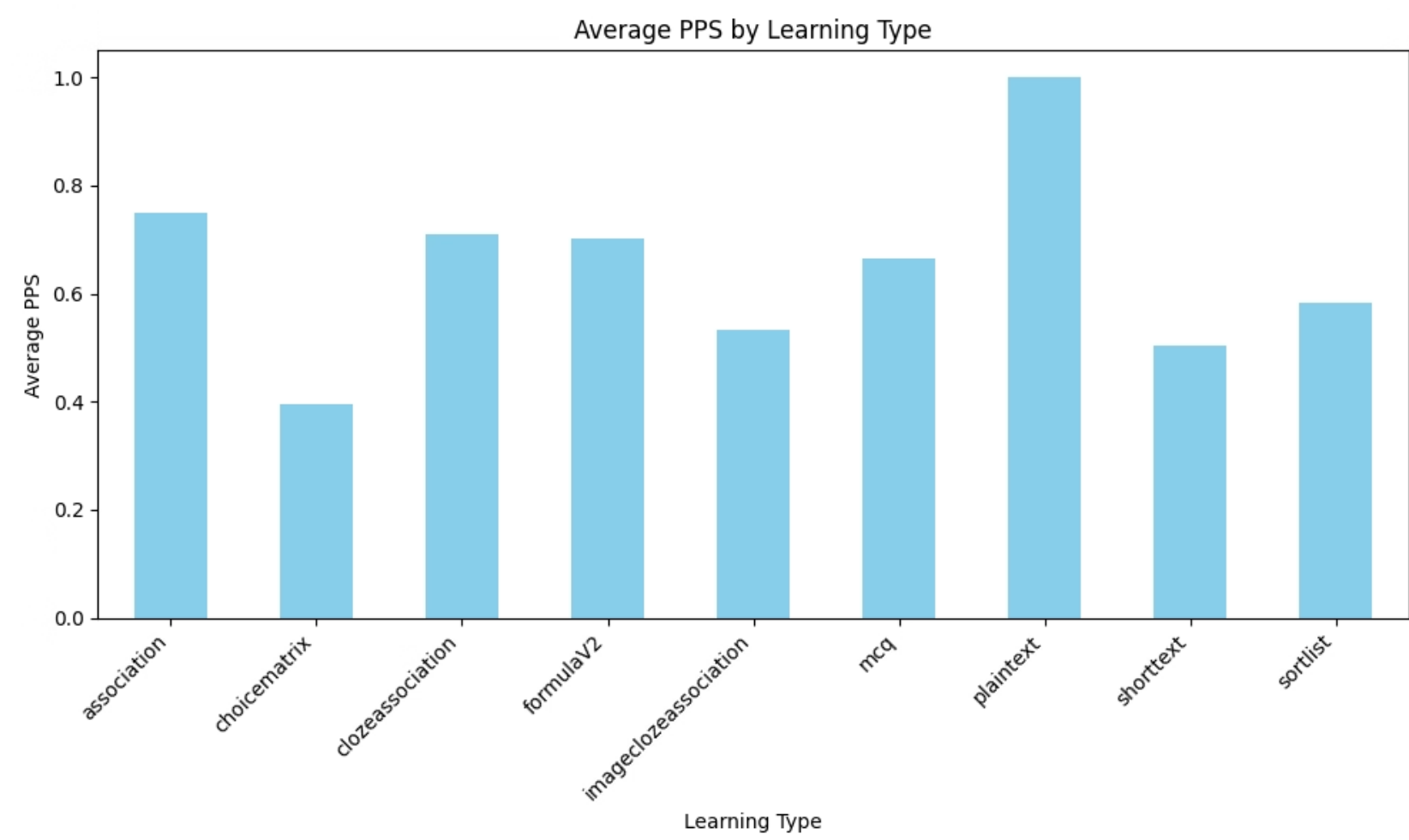DATAFEST PRESENTATION

04/21/2024

Try Pitch

Retaining Engagement

Recommendation:

Break up chapters

into smaller sections

Types of Assessment

Recommendation: Increase the use of plaintext questionnaires and decrease the use of multiple choice questions

Average PPS by Learning Type

Heatmap of Mean Score by Chapter and Section: College/Advanced Statistics and Data Science (ABCD)

Modifying Videos

4.2	Short Video: 3 minutes and 2 Minutes
5.4	Long Videos: 9 minutes
5.9	Short Videos: 4 minutes and 4 Minutes

Recommendation: Break up longer videos into two sections with two short videos result in higher PPS than one short video