

In their own words: A statistical investigation of factors contributing to student success

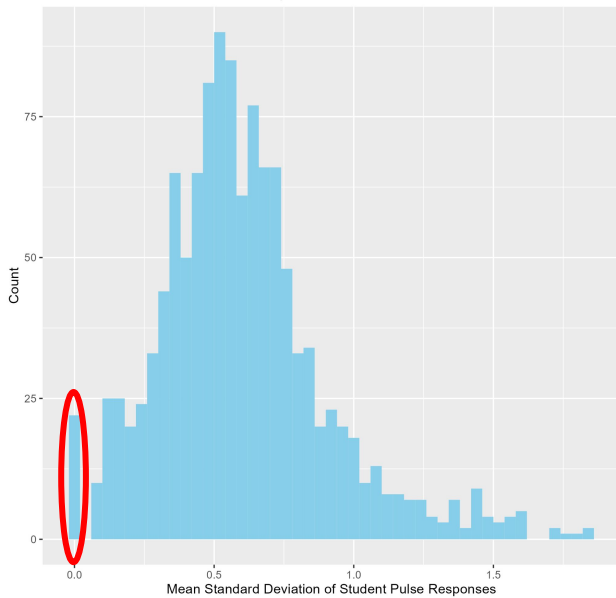
UNC Squirrels

Veronica Upadhyay, Tiffanie Lee, Arden Feldt, Ivy Nangalia

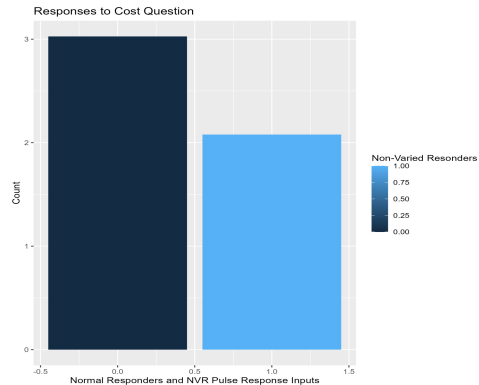
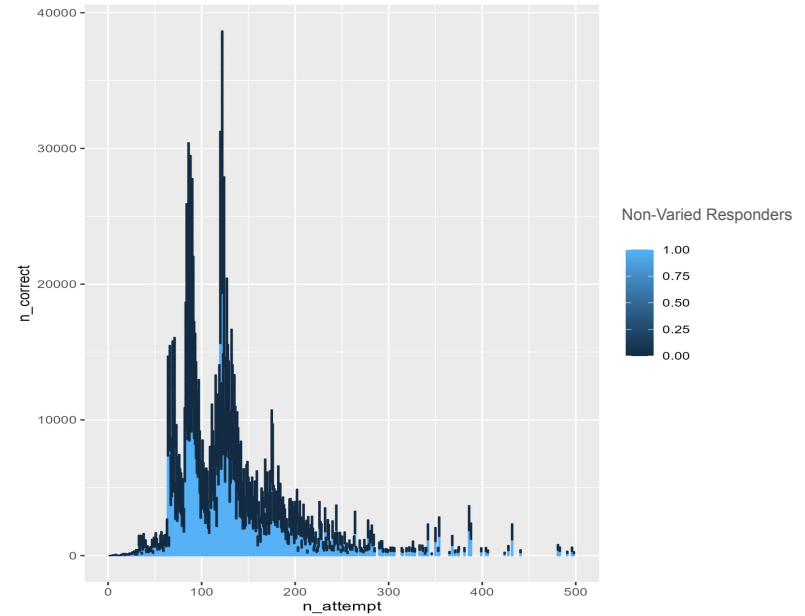
DataFest 2024



Standard Deviation of Pulse Responses



Non-Varied
Responders
most often
answer pulse
questions with 5,
the maximum
value

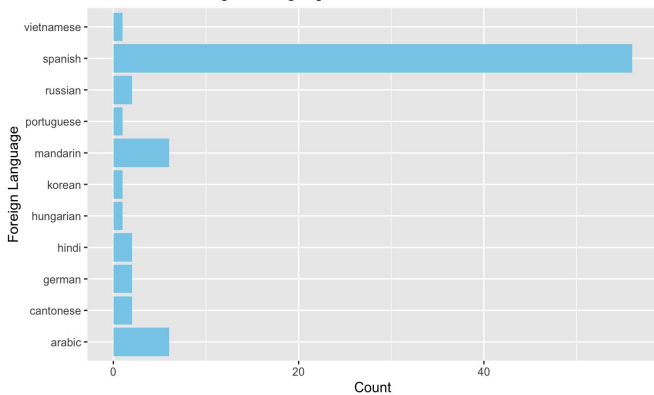


Non-varied Responders were compared to other students across: End Of Chapter scores, average correct, expectancy pulse responses, intrinsic value pulse responses, and utility value pulse responses

Cost: I was unable to put in the time needed to do well in the previous chapter (0 to 5).

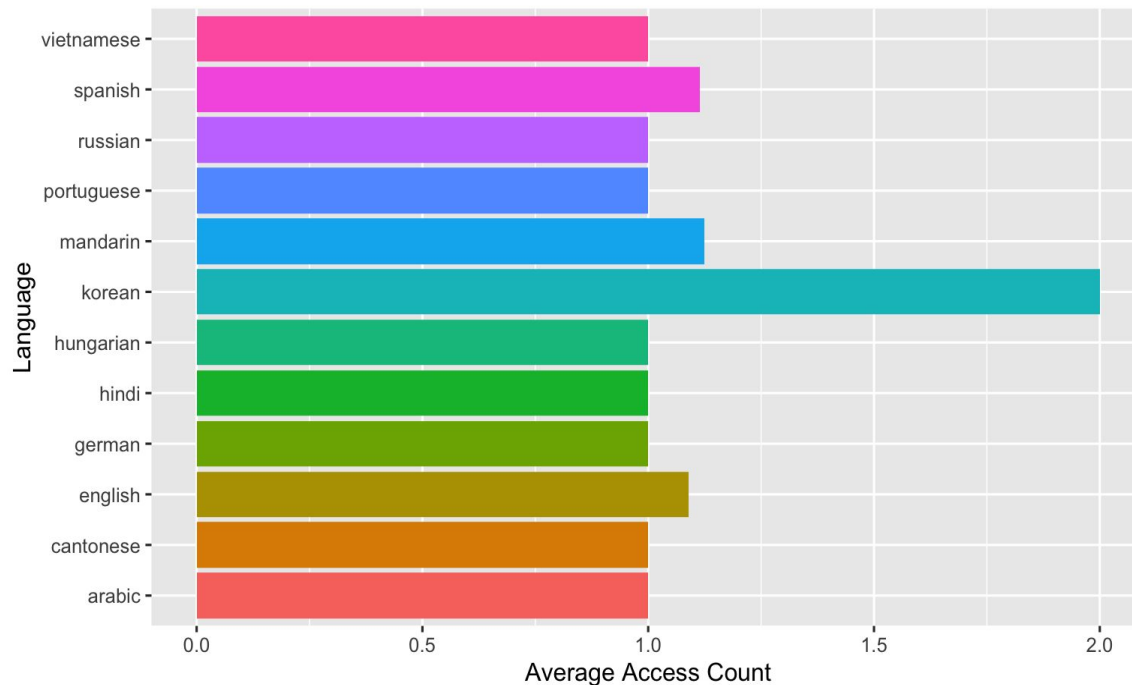


Counts of Non-English Languages



On average, Korean speakers were likely to watch a video 2x as the other languages

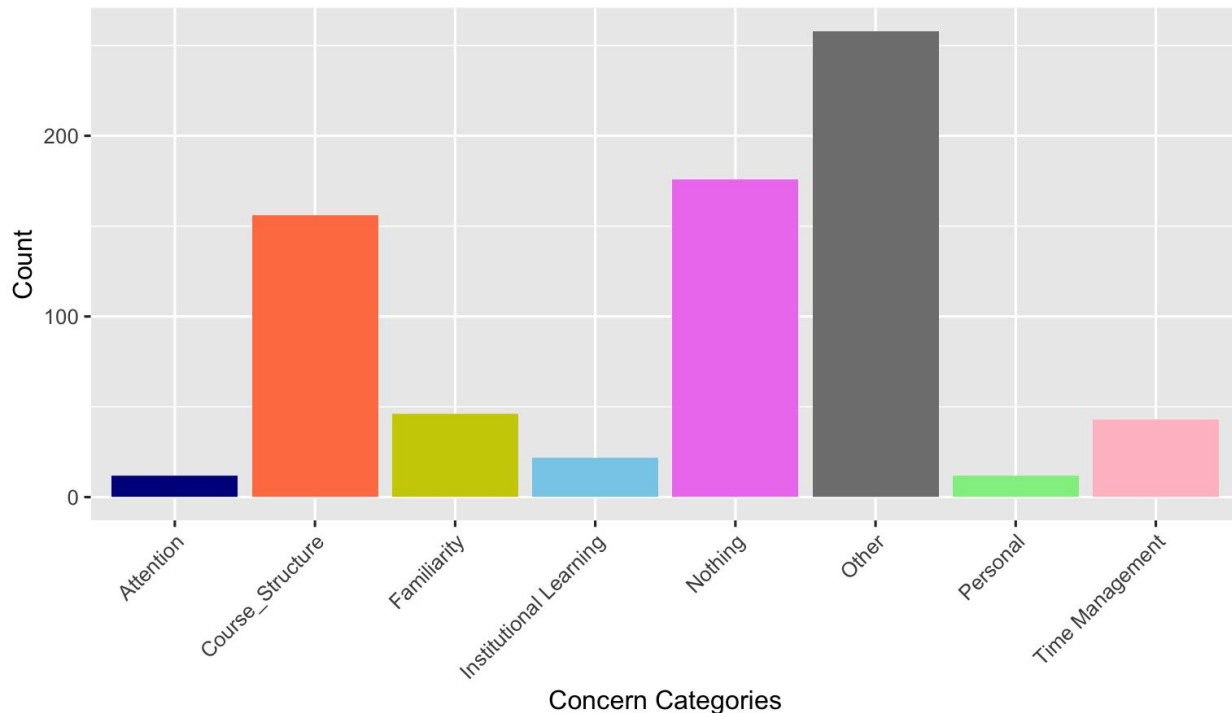
Average Amount of Times Video was Accessed



Takeaways:

1. Prioritize Spanish Language accommodations
2. Korean subtitles

Prevalence of Success Concerns



Takeaways:

1. Heavy content load
2. Fast paced
3. Varying coding or statistics experience
4. Inconsistency in receiving feedback for open response questions
5. Seeing the big picture-needs summary
6. Time commitment - difficult to balance with life

