Parent/Guardian Perceptions of the Summit Learning Platform

Applied Research Lab

Abstract

This document provides a description of an assessment of perceptions of the Summit Learning Platform among Indiana Area School District (IASD) 6th grade parents/guardians. This assessment consisted of four phases: 1) developing an online and mobile-friendly survey, 2) administering the survey, 3) analyzing the response data, and 4) reporting/presenting the findings. Results of this study are discussed in the Executive Summary. The report includes the following: a description and background of the assessment, results from content analyses, a list of terms with definitions, copies of the surveys, and data summary tables and graphs.

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Project Description

The Summit Learning Platform (SLP) is an online teaching and learning program, informed by empirically supported best pedagogical practices, that aims to help students become "self-directed learners" and "develop the behaviors and mindsets for success" (SummitLearning.org, 2017; The Science of Summit, 2017). Although research suggests that students participating in personalized and self-directed learning approaches experience more academic success compared to those in traditional classroom settings (RAND, 2015), research specifically assessing the effectiveness of the SLP on student learning is limited.

While this study did not directly assess the effect of the SLP on student learning, this study did assess the overall usefulness of the pedagogical program by capturing the perceptions (i.e., thoughts, feelings, attitudes, opinions, and beliefs) about the program among key stakeholders. It is important to note that IASD implemented the SLP among 6th grade students at the beginning of the 2017-2018 school year. After a few months of use, feedback from IASD stakeholders revealed variations in perceptions regarding the platform's functionality, content, and effectiveness as a thinking and learning tool.

As noted by Schalock (1995), a heterogeneous constituency may have very different conceptions, concerns, and needs in relation to a program, all of which have the potential to influence the overall usefulness of a program. As such, an assessment of how IASD stakeholders perceive the SLP, so as to gain a better understanding of the program's overall usefulness, was warranted.

This study assessed perceptions of the SLP through the development, administration, and analysis of a cross-sectional online and mobile-friendly survey of parent(s)/guardian(s) (N ≈ 450) of 6th grade students at IASD. In total, 81 parents/guardians responded to the survey. However, 13 cases had to be removed prior to the final analysis due to substantial missing data (>10%). Thus, our final sample consisted of 68 cases. It is important to note that due to low response rate among parents/guardians, and a lack of a probabilistic sampling method used for parents/guardians, a high likelihood of non-response bias exists. As such, inferential analyses were not performed as results could not be generalized to all IASD 6th grade parents/guardians.

Further, all parent/guardian findings must be interpreted with caution due to the low response rate.

Nevertheless, this assessment consisted of four phases: 1) survey development, 2) survey administration, 3) analysis of response data, and 4) reporting/presenting the findings. Each phase is described next. Overall, the primary purpose of this study was to assess perceptions of SLP and report on the perceptions in the aggregate.

First, key concepts related to perceptions, such as thoughts, feelings, attitudes, opinions, and beliefs regarding SLP were defined (see Appendix A). The key concepts of interest included: perceptions of SLP, Mass Customized Learning (MCL), SLP assignments, topics covered in SLP, the way work is graded in SLP, readings used in SLP, SLP's grading system, video and audio recording used in SLP, technology use and access, perceptions of SLP as a product, SLP's effectiveness, future use of SLP, knowledge of SLP, educational values, news about SLP, and perceptions of how SLP was implemented at IASD.

Second, survey question stems and response items for informal assessments typically consist of inventories of forced response items such as Likert-scales, dichotomous agree/disagree items, and semantic-differential items (Lovelace and Brickman, 2013; Crocker and Algina, 2008). As such, measures (i.e., survey questions and response items) to best assess the key concepts derived from the definitions were created (see Appendix B) (Nunnally, 1978). The survey also included open-ended questions aimed to capture rich qualitative responses from participants.

To assess perceptions of parents'/guardians' experiences with SLP, semantic-differential items were used. For example, parents/guardians were presented with an object (e.g., Summit Learning Platform) and asked to rate their experience on a 0-10 scale made up of pairs of opposite words (e.g., sad/happy), where 0-4 indicated a negative response, 4.01-5.99 indicated a neutral/indifferent response, and 6-10 indicated a positive response. In the final construction of the survey, 23 semantic-differentials were randomly varied within each major SLP component.

The perceptual model that we implemented was informed by the Pleasure, Arousal, and Dominance (PAD) model using semantic-differentials that are empirically supported by peer-reviewed research (see Osgood, 1969; Heise, 1970; Bradley & Lang, 1994; Kervyn, Fiske, & Yzerbyt, 2013; Bakker, Voordt, Vink, & Boon, 2014; Miniero, Rurale, & Addis, 2014; Betella & Verschure, 2016; Hall, Elliot, & Meng, 2017) and provide indications of how humans perceive and assess objects and experiences (i.e., an affective response to stimuli). This model has been established as cross cultural and easy to implement when an assessment is needed with substantial time constraints, as was the case in this research project (Heise, 1970).The survey also included open-ended questions aimed to capture rich qualitative responses from participants regarding what should/should not be changed and any other additional comments.

As a result of this process, a pool of potential survey questions and response items was generated and used to construct and design the survey-questionnaire. It is important to note that in order to construct one comprehensive survey capable of capturing perceptions across age-groups and educational backgrounds, the survey language was designed at a 5th grade reading level. Researchers met with administrators from Horrace Mann Elementary School to review the appropriateness of the survey questions' and response items' readability. After generating the pool of survey items, the survey was created in Qualtrics® online survey platform and tested for

face validity, time, and structure. Modifications were then made to the survey, and a final draft was created and tested.

After working with IASD administrators to create a contact list for parents/guardians of 6th grade IASD students, the survey was administered to parents/guardians on January 10th and closed on January 14th, 2018 at midnight. Survey links were sent to parents/guardians through E-mail and paper mailings. Overall, the Applied Research Lab (ARL) worked closely with the IASD to determine the best strategy for administering the survey based on access to the stakeholders so as to increase response rate (Dillman, Smyth, and Christian, 2009). This included not collecting demographic information from respondents (e.g., race/ethnicity, socioeconomic status, gender, age, household role, political affiliation/ideology) and sending parents/guardians one reminder email.

Third, upon completion of data collection, response data was exported to SPSS 24 for statistical analysis of the quantitative data and NVivo 11 for analysis of qualitative data generated by the open-ended questions. Preliminary analyses were performed on the quantitative data to screen the data for errors (e.g., missing cases, outliers, abnormalities, anomalies). As previously noted above, 13 cases were removed due to missing data (i.e., less than 90% completion), leaving 68 analyzable cases. Then, randomly varied semantic differential items and two Likert-scale items were reverse coded for internal consistency. Due to random variation in missing responses for several of the SLP components, empty semantic-differential cells were given a score of five (i.e., neutral/indifferent).

Fourth, and after the preliminary analysis, measures of central tendency, dispersion, and graphic presentations (histograms and bar charts) were generated (see Appendix C). This phase of the analysis provided information on how stakeholders responded to the quantitative survey questions in the aggregate. Furthermore, a content analysis was performed on the qualitative data provided by parents/guardians. This included developing a coding structure based on responses to the open-ended questions (see Appendix D).

Executive Summary of Results

The primary purpose of this survey was to generate data regarding how parents/guardians of sixth grade IASD students think and feel about their experiences with Summit Learning Platform (SLP). Survey responses show that parents/guardians have slightly negative thoughts and feelings regarding their experiences with SLP. Overall, parents/guardians do not find SLP pleasurable or stimulating. Furthermore, they feel as if they do not have control of SLP. Responses to Mass Customized Learning generally mirrored responses to SLP.

Overall, parents'/guardians' perceptions of the components of SLP (e.g., SLP assignments, topics covered, the way work is graded, readings, grading system, and video/audio) were extreme. Although mean responses indicated parents/guardians had slightly negative perceptions of SLP components, analysis of medians and histograms reveal a positive skew. This indicates that the majority of parents/guardians had negative perceptions of the components of SLP, while several reported indifference, and a few reported positive perceptions. However, parents/guardians had less negative responses to the grading system compared to other SLP components.

The majority of parents/guardians (98.5%) reported having access to the internet at home most or all of the time, and 1.5% reported no access at home. When examining screen time, 23.5% of parent/guardian respondents reported spending no time on technological devices at work, and 61.8% of respondents reported spending 3 hours or less on technological devices at home. However, 47.1% of parents/guardians reported spending 7 or more hours of their day on SLP at home. This suggests most parents/guardians have access to internet at home and claim to use it in moderation, but at the same time, it shows that many parents/guardians use the internet to spend a substantial amount of time on SLP at home.

As a mass customized learning product, parents/guardians mostly felt that SLP is unsecure, difficult to use, and expensive. All other measures of SLP as a product (e.g., visual appeal, navigation, interactivity, ease of use, comprehensiveness of content, functionality, orientation, maintenance and support, compatibility, access, cost, and privacy) appear neutral at best; however, histograms show extreme responses.

Parents/guardians generally agreed that SLP does not encourage or helps students learn. Additionally, most did not feel that SLP helps students be creative, prepares them for future education or future careers, helps them think critically or problem solve, helps them socialize or prepare them for future social situations, or strengthens the school community. It is important to note that the purpose of this assessment was not to measure if SLP truly helps students learn, be creative, prepares them for various future situations, helps them think critically, or effects the school community. Further, we do not know to what extent SLP is designed to achieve these goals or how SLP compares to other pedagogical styles. Nonetheless, most parents/guardians believe that SLP is an ineffective learning tool.

Regarding future use of SLP, 20.6% of parents/guardians want SLP to be used for all subjects next year, 4.4% believe SLP should be used only for major subjects next year, 14.7% want SLP available for students who elect to use it, 22.1% want it to be used with other teaching methods, and 57.4% do not want SLP to be used at all.

In open-ended responses, parents/guardians wrote about several topics that were pertinent. Parents/guardians often wrote about content used in SLP, but opinions about changing or maintaining content were mixed. Further, parents/guardians wrote about resources and media most commonly in response to Prompt 1. Other topics mentioned often include implementation, the way SLP is used with teaching, teachers teaching instead of using computers, testing, screen-time, and grades, though these were less commonly mentioned than the above topics and opinions were not dominantly positive or negative.

It is also important to note that parents often wrote about SLP as a whole often, though again, opinions were mixed.

Appendix A – Definitions of Terms

Perceptions: How stakeholders perceive and express their thoughts, feelings, and emotions regarding Summit Learning Platform. This includes the following: Attitudes – The degree to which users respond positively or negatively to the Summit Learning Platform based on previously constructed ways of thinking; Opinions – How stakeholders judge the Summit Learning Platform; Beliefs – What stakeholders believe to be true and untrue about the Summit Learning Platform.

> **Pleasure:** The degree to which individuals perceive Summit Learning Platform to be enjoyable and appealing.
>
> **Arousal:** The extent to which the Summit Learning Platform stimulates the individual.
>
> **Dominance:** The extent to which individuals feel they are in control or not when using the Summit Learning Platform.

The Summit Learning Platform (SLP): The Summit Learning Platform is a mass customized online teaching and learning program that aims to help students become self-directed learners.

Mass Customized Learning (MCL): Digital learning tailored to the needs and interests of individual students aided by technology.

The Summit Learning Platform Content: Information made available by the Summit Learning Platform including, but not limited to, assignments, topics covered, the way work is graded, readings, the grading system, and videos and audio recordings.

Technology Use: The extent to which stakeholders use digital devices.

Access to Technology: The extent to which stakeholders have access to digital devices.

Screen Time: Recollected estimate of time spent on various types of digital devices including computers, TVs, phones, and video games at school and outside of school.

Perceptions of SLP as a Product: How stakeholders perceive and express their thoughts, feelings, and emotions regarding SLP as a mass customized learning product.

> **Visual Appeal:** Aesthetics; how the software looks to the user.
>
> **Navigation:** The process of locating and using features on Summit Learning Platform.
>
> **Interactivity:** The degree to which and ways in which Summit Learning Platform responds to stakeholders' actions while using the platform.
>
> **Ease of Use:** Degree of perceived user friendliness when using the Summit Learning Platform.

Comprehensiveness of Content: Degree to which the Summit Learning Platform provides appropriate variability for assignments, assessments, readings, videos, audio recordings, and all other digital materials.

Functionality: The range of and adequacy of actions that can be performed on the Summit Learning Platform.

Orientation: The process of users determining their positions within the Summit Learning Platform and relative to other users also working in the Platform.

Maintenance and Support: The degree to which Summit Learning Platform provides assistance for users and responds to user questions and needs.

Compatibility: The ability of Summit Learning Platform to be used on different types of machines including computers, tablets, smartphones, and other devices used by students without issue.

Access: The degree to which users can use Summit Learning Platform in school, at home, and at other locations if needed.

Cost: Perceived monetary cost of use for Summit Learning Platform.

Privacy: One's perception of how user data is secured and/or shared through Summit Learning Platform.

Perceptions of Summit Learning Platform Effectiveness: The degree to which stakeholders believe Summit Learning Platform successfully achieves educational goals.

Future use of Summit Learning Platform: One's beliefs about how IASD ought to use Summit in the future.

Perceptions of Summit Learning Platform Roll Back: One's feelings about the roll back of Summit at IASD.

Knowledge of Summit Learning Platform: One's skillset and understanding of Summit Learning Platform as an educational tool.

Educational Values: Beliefs of the importance of Summit Learning Platform, personalized learning, project-based learning, privacy, transparency, cost, access to digital devices and the web, student/teacher and student/peer interaction, assessment/evaluation, and digital technology in education. Also, beliefs of the importance of education beyond Summit Learning Platform.

News about Summit Learning Platform: One's recollection of reading news articles related to the Summit Learning Platform.

Perceptions of Summit Learning Platform Implementation: Interaction with other stakeholders using Summit Learning Platform and how Summit Learning Platform has been explained to stakeholders.

Appendix B – Copy of Parent/Guardian Survey

Survey Flow

Standard: Instruction Block (6 Questions)

BlockRandomizer: 1 - Evenly Present Elements

- **Standard: Perceptions of Summit Learning Platform (SLP) Overall (24 Questions)**
- **Standard: Perceptions of Mass Customized Learning (MCL) Overall (24 Questions)**

BlockRandomizer: 2 - Evenly Present Elements

- **Standard: Content – Perceptions of SLP Assignments (24 Questions)**
- **Standard: Content – Perceptions of Topics Covered in SLP (24 Questions)**
- **Standard: Content – Perceptions of the Way SLP Work is Graded (24 Questions)**

BlockRandomizer: 2 - Evenly Present Elements

- **Standard: Content – Perceptions of SLP Readings (24 Questions)**
- **Standard: Content – Perceptions of SLP Grading System (24 Questions)**
- **Standard: Content – Perceptions of SLP Video and Audio Recordings (24 Questions)**

Standard: Technology Use and Access (4 Questions)
Standard: Perceptions of SLP as a Product (12 Questions)
Standard: Perceptions of SLP Effectiveness (2 Questions)
Standard: Future Use of SLP (3 Questions)
Standard: Knowledge of SLP (4 Questions)
Standard: Educational Values (3 Questions)
Standard: Open-Ended Questions (3 Questions)
Standard: News About SLP (4 Questions)
Standard: Perceptions of SLP Implementation (9 Questions)

Instruction Block

Q1.1
The following survey is designed to help the Indiana Area School District better understand how parents and guardians feel about the Summit Learning Platform. This information will help the Indiana Area School District make informed decisions about how the Summit Learning Platform will be used in the Indiana Area School District.

You will be asked a series of questions about the Summit Learning Platform as well as more general questions about online learning and your experiences and opinions about education.

All of the information collected is anonymous–meaning your name and personal information will not be collected in any way. No members of the Indiana Area School District will know how you respond. There are no "correct" or "incorrect" answers.

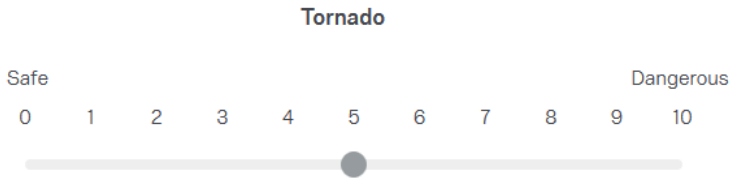
The survey should take approximately 30-40 minutes. If you have any questions or concerns, please e-mail arl-ga@iup.edu.

This survey will be available through Sunday, January 14th, 2018 at 11:59 PM.

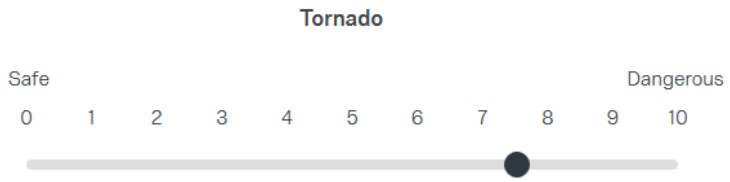
PLEASE NOTE: IF YOU ARE TAKING THIS SURVEY ON A MOBILE DEVICE, PLEASE TURN YOUR PHONE FROM VERTICAL TO HORIZONTAL TO BEST VIEW THE SURVEY.

Q1.2
Many questions in this survey use a sliding scale. When using a sliding scale, note the two labels on either side of the scale and use the slider in the middle to indicate your feeling about an object, idea, or experience.

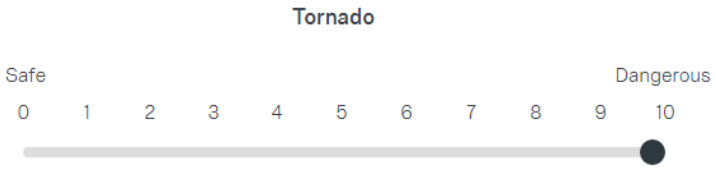
The scale below asks you to rate *Tornado* and gives two labels: Safe and Dangerous. Note *Safe* is on the left and *Dangerous* is on the right.



If you would like to indicate that you feel a tornado is *Dangerous*, you would move the slider to the right. See the example below. Note that the slider is part-way between 7 and 8, which shows you feel a tornado is *Somewhat Dangerous*.

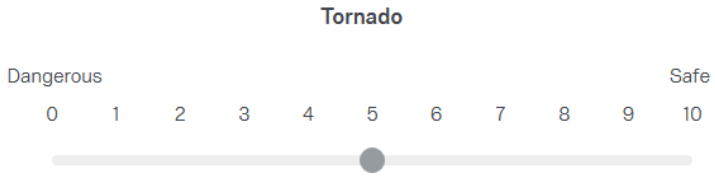


If you would like to indicate that you feel a tornado is ***Very Dangerous***, you would move the slider further to the right. See the example below.

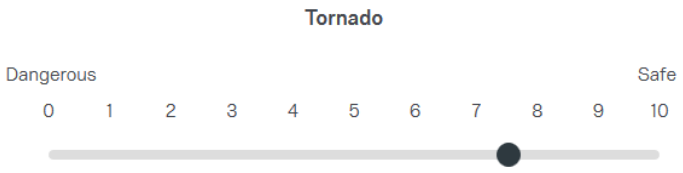


Q1.3
Note that labels alternate throughout the survey. You should read each question closely to check that you know the labels on each side of the slider.

For example, in the scale below, note that ***Dangerous*** is on the left and ***Safe*** is on the right. This is different from the previous example because the labels have switched sides.



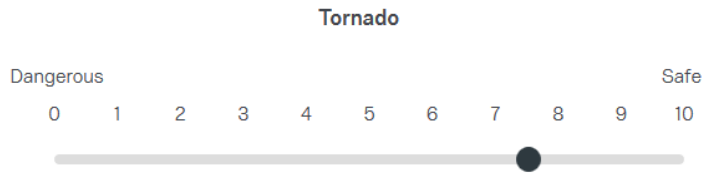
If you would like to show that you feel a tornado is ***Safe***, you would move the slider to the right. See the example below.



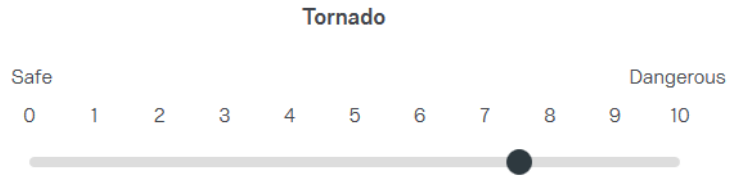
Note that this is a similar slider position as the previous example, but it now shows you feel a tornado is ***Safe*** rather than ***Dangerous*** because the terms have switched sides.

Q1.4
Please see the examples below and note how the change in terms changes the answers provided.

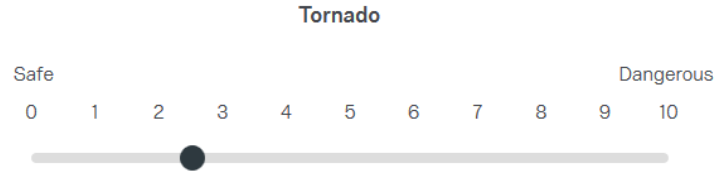
Safe



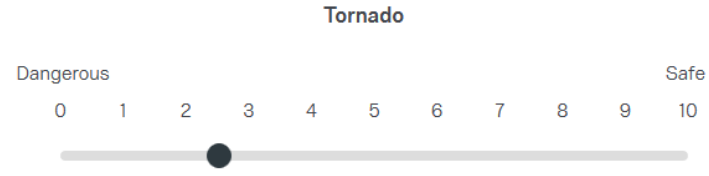
Dangerous



Safe



Dangerous



Q1.5
Here is a sample sliding question to practice using a slider prior to the start of the survey. When you are finished, hit "Next" at the bottom of the page.

Q1.6
This survey will also use multiple choice questions and short-answer writing questions. Some multiple choice questions allow you to select more than one answer while others only allow a single answer. The instructions for each question will tell you if you can select more than one answer.

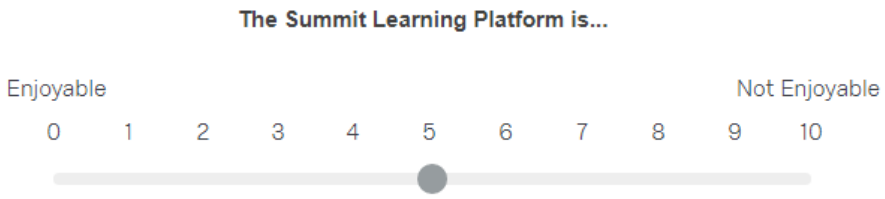
Finally, please note that the survey does not have a "Back" button, so when you hit "Next" at the bottom of the page, you will move to the next question and will not be able to return to a previous page.

Perceptions of Summit Learning Platform (SLP) Overall

Q2.1
On the following screens, you will see pairs of words or phrases describing your experiences with the Summit Learning Platform.

The Summit Learning Platform is an online tool that helps students track progress towards their short and long-term goals, learn content at their own pace, and reflect on their learning with mentors.

Please use the **slider** to show how you feel about the Summit Learning Platform.



Q2.2
The Summit Learning Platform is...
Enjoyable Not Enjoyable
Q2.3
The Summit Learning Platform is...
Unappealing Appealing
Q2.4
The Summit Learning Platform is...
Satisfying Unsatisfying
Q2.5
The Summit Learning Platform is...
Fun Not Fun
Q2.6
The Summit Learning Platform makes me feel...
Sad Happy
Q2.7
The Summit Learning Platform is...
Pleasing Annoying
Q2.8
The Summit Learning Platform is...
Frustrating Not Frustrating
Q2.9
The Summit Learning Platform is...
Appropriate Inappropriate
Q2.10
The Summit Learning Platform is...
Stressful Relaxing

Q2.11
The Summit Learning Platform is...
Exciting Boring
Q2.12
The Summit Learning Platform is...
Dull Thrilling
Q2.13
The Summit Learning Platform makes me feel...
Wide Awake Sleepy
Q2.14
The Summit Learning Platform is...
Not Entertaining Entertaining
Q2.15
The Summit Learning Platform is...
Interesting Uninteresting
Q2.16
The Summit Learning Platform is...
Tiring Energizing
Q2.17
The Summit Learning Platform makes me feel...
Calm Panicked
Q2.18
The Summit Learning Platform makes me feel...
Out of Control In Control
Q2.19
The Summit Learning Platform makes me feel...
Not in Charge In Charge
Q2.20
The Summit Learning Platform makes me feel...
Important Ignored
Q2.21
The Summit Learning Platform makes me feel...
Left-Out Included
Q2.22
The Summit Learning Platform makes me feel...
Free Controlled
Q2.23
The Summit Learning Platform makes me feel...
Weak Powerful
Q2.24
The Summit Learning Platform makes me feel...
Knowledgeable Confused

Perceptions of Mass Customized Learning (MCL) Overall

Q3.1
On the following screens, you will see pairs of words or phrases describing your experiences with Mass Customized Learning.

Mass Customized Learning is a type of online tool that helps students track progress towards their short and long-term goals, learn content at their own pace, and reflect on their learning with mentors.

Please use the slider to show how you feel about Mass Customized Learning.

Q3.2
Mass Customized Learning is...
Enjoyable Not Enjoyable
Q3.3
Mass Customized Learning is...
Unappealing Appealing
Q3.4
Mass Customized Learning is...
Satisfying Unsatisfying
Q3.5
Mass Customized Learning is...
Fun Not Fun
Q3.6
Mass Customized Learning makes me feel...
Sad Happy
Q3.7
Mass Customized Learning is...
Pleasing Annoying
Q3.8
Mass Customized Learning is...
Frustrating Not Frustrating
Q3.9
Mass Customized Learning is...
Appropriate Inappropriate
Q3.10
Mass Customized Learning is...
Stressful Relaxing
Q3.11
Mass Customized Learning is...
Exciting Boring
Q3.12
Mass Customized Learning is...
Dull Thrilling

Q3.13
Mass Customized Learning makes me feel...
Wide Awake Sleepy
Q3.14
Mass Customized Learning is...
Not Entertaining Entertaining
Q3.15
Mass Customized Learning is...
Interesting Uninteresting
Q3.16
Mass Customized Learning is...
Tiring Energizing
Q3.17
Mass Customized Learning makes me feel...
Calm Panicked
Q3.18
Mass Customized Learning makes me feel...
Out of Control In Control
Q3.19
Mass Customized Learning makes me feel...
Not in Charge In Charge
Q3.20
Mass Customized Learning makes me feel...
Important Ignored
Q3.21
Mass Customized Learning makes me feel...
Left-Out Included
Q3.22
Mass Customized Learning makes me feel...
Free Controlled
Q3.23
Mass Customized Learning makes me feel...
Weak Powerful
Q3.24
Mass Customized Learning makes me feel...
Knowledgeable Confused

Perceptions of SLP Assignments

Q4.1
On the following screens, you will see pairs of words or phrases describing your experiences with Assignments Used in the Summit Learning Platform.

Assignments include projects, student-designed work, teacher-assigned or teacher-suggested work, and other activities completed in the Summit Learning Platform.

Please use the slider to show how you feel about Assignments Used in the Summit Learning Platform.

Q4.2
Assignments Used in the Summit Learning Platform are...
Enjoyable Not Enjoyable
Q4.3
Assignments Used in the Summit Learning Platform are...
Unappealing Appealing
Q4.4
Assignments Used in the Summit Learning Platform are...
Satisfying Unsatisfying
Q4.5
Assignments Used in the Summit Learning Platform are...
Fun Not Fun
Q4.6
Assignments Used in the Summit Learning Platform make me feel...
Sad Happy
Q4.7
Assignments Used in the Summit Learning Platform are...
Pleasing Annoying
Q4.8
Assignments Used in the Summit Learning Platform are...
Frustrating Not Frustrating
Q4.9
Assignments Used in the Summit Learning Platform are...
Appropriate Inappropriate
Q4.10
Assignments Used in the Summit Learning Platform are...
Stressful Relaxing
Q4.11
Assignments Used in the Summit Learning Platform are...
Exciting Boring
Q4.12
Assignments Used in the Summit Learning Platform are...
Dull Thrilling

Q4.13
Assignments Used in the Summit Learning Platform make me feel...
Wide Awake Sleepy
Q4.14
Assignments Used in the Summit Learning Platform are...
Not Entertaining Entertaining
Q4.15
Assignments Used in the Summit Learning Platform are...
Interesting Uninteresting
Q4.16
Assignments Used in the Summit Learning Platform are...
Tiring Energizing
Q4.17
Assignments Used in the Summit Learning Platform make me feel...
Calm Panicked
Q4.18
Assignments Used in the Summit Learning Platform make me feel...
Out of Control In Control
Q4.19
Assignments Used in the Summit Learning Platform make me feel...
Not in Charge In Charge
Q4.20
Assignments Used in the Summit Learning Platform make me feel...
Important Ignored
Q4.21
Assignments Used in the Summit Learning Platform make me feel...
Left-Out Included
Q4.22
Assignments Used in the Summit Learning Platform make me feel...
Free Controlled
Q4.23
Assignments Used in the Summit Learning Platform make me feel...
Weak Powerful
Q4.24
Assignments Used in the Summit Learning Platform make me feel...
Knowledgeable Confused

Perceptions of Topics Covered in SLP

Q5.1
On the following screens, you will see pairs of words or phrases describing your experiences with Topics Covered in the Summit Learning Platform.

This includes the topics students research in the Summit Learning Platform as well as assigned topics or topics covered through assigned materials.

Please use the slider to show how you feel about Topics Covered in the Summit Learning Platform.

Q5.2
Topics Covered in the Summit Learning Platform are...
Not Enjoyable Enjoyable
Q5.3
Topics Covered in the Summit Learning Platform are...
Appealing Unappealing
Q5.4
Topics Covered in the Summit Learning Platform are...
Unsatisfying Satisfying
Q5.5
Topics Covered in the Summit Learning Platform are...
Not Fun Fun
Q5.6
Topics Covered in the Summit Learning Platform make me feel...
Happy Sad
Q5.7
Topics Covered in the Summit Learning Platform are...
Annoying Pleasing
Q5.8
Topics Covered in the Summit Learning Platform are...
Not Frustrating Frustrating
Q5.9
Topics Covered in the Summit Learning Platform are...
Inappropriate Appropriate
Q5.10
Topics Covered in the Summit Learning Platform are...
Relaxing Stressful
Q5.11
Topics Covered in the Summit Learning Platform are...
Boring Exciting
5.12
Topics Covered in the Summit Learning Platform are...
Thrilling Dull

Q5.13
Topics Covered in the Summit Learning Platform make me feel...
Sleepy Wide Awake
Q5.14
Topics Covered in the Summit Learning Platform are...
Entertaining Not Entertaining
Q5.15
Topics Covered in the Summit Learning Platform are...
Uninteresting Interesting
Q5.16
Topics Covered in the Summit Learning Platform are...
Energizing Tiring
Q5.17
Topics Covered in the Summit Learning Platform make me feel...
Panicked Calm
Q5.18
Topics Covered in the Summit Learning Platform make me feel...
In Control Out of Control
Q5.19
Topics Covered in the Summit Learning Platform make me feel...
In Charge Not in Charge
Q5.20
Topics Covered in the Summit Learning Platform make me feel...
Ignored Important
Q5.21
Topics Covered in the Summit Learning Platform make me feel...
Included Left-Out
Q5.22
Topics Covered in the Summit Learning Platform make me feel...
Controlled Free
Q5.23
Topics Covered in the Summit Learning Platform make me feel...
Powerful Weak
Q5.24
Topics Covered in the Summit Learning Platform make me feel...
Confused Knowledgeable

Perceptions of the Way SLP Work is Graded

Q6.1
On the following screens, you will see pairs of words or phrases describing your experiences with The Way Work is Graded in the Summit Learning Platform.

This includes how grades are calculated, the feedback students receive, and grading scales used in work done in the Summit Learning Platform.

Please use the slider to show how you feel about The Way Work is Graded in the Summit Learning Platform.

Q6.2
The Way Work is Graded in the Summit Learning Platform is...
Not Enjoyable Enjoyable
Q6.3
The Way Work is Graded in the Summit Learning Platform is...
Appealing Unappealing
Q6.4
The Way Work is Graded in the Summit Learning Platform is...
Unsatisfying Satisfying
Q6.5
The Way Work is Graded in the Summit Learning Platform is...
Not Fun Fun
Q6.6
The Way Work is Graded in the Summit Learning Platform makes me feel...
Happy Sad
Q6.7
The Way Work is Graded in the Summit Learning Platform is...
Annoying Pleasing
Q6.8
The Way Work is Graded in the Summit Learning Platform is...
Not Frustrating Frustrating
Q6.9
The Way Work is Graded in the Summit Learning Platform is...
Inappropriate Appropriate
Q6.10
The Way Work is Graded in the Summit Learning Platform is...
Relaxing Stressful
Q6.11
The Way Work is Graded in the Summit Learning Platform is...
Boring Exciting
Q6.12
The Way Work is Graded in the Summit Learning Platform is...
Thrilling Dull

Q6.13
The Way Work is Graded in the Summit Learning Platform makes me feel...
Sleepy Wide Awake
Q6.14
The Way Work is Graded in the Summit Learning Platform is...
Entertaining Not Entertaining
Q6.15
The Way Work is Graded in the Summit Learning Platform is...
Uninteresting Interesting
Q6.16
The Way Work is Graded in the Summit Learning Platform is...
Energizing Tiring
Q6.17
The Way Work is Graded in the Summit Learning Platform makes me feel...
Panicked Calm
Q6.18
The Way Work is Graded in the Summit Learning Platform makes me feel...
In Control Out of Control
Q6.19
The Way Work is Graded in the Summit Learning Platform makes me feel...
In Charge Not in Charge
Q6.20
The Way Work is Graded in the Summit Learning Platform makes me feel...
Ignored Important
Q6.21
The Way Work is Graded in the Summit Learning Platform makes me feel...
Included Left-Out
Q6.22
The Way Work is Graded in the Summit Learning Platform makes me feel...
Controlled Free
Q6.23
The Way Work is Graded in the Summit Learning Platform makes me feel...
Powerful Weak
Q6.24
The Way Work is Graded in the Summit Learning Platform makes me feel...
Confused Knowledgeable

Perceptions of SLP Readings

Q7.1
On the following screens, you will see pairs of words or phrases describing your experiences with Readings Used in the Summit Learning Platform.

Please use the slider to show how you feel about
Readings Used in the Summit Learning Platform.

Q7.2
Readings Used in the Summit Learning Platform are...
Enjoyable Not Enjoyable
Q7.3
Readings Used in the Summit Learning Platform are...
Unappealing Appealing
Q7.4
Readings Used in the Summit Learning Platform are...
Satisfying Unsatisfying
Q7.5
Readings Used in the Summit Learning Platform are...
Fun Not Fun
Q7.6
Readings Used in the Summit Learning Platform make me feel...
Sad Happy
Q7.7
Readings Used in the Summit Learning Platform are...
Pleasing Annoying
Q7.8
Readings Used in the Summit Learning Platform are...
Frustrating Not Frustrating
Q7.9
Readings Used in the Summit Learning Platform are...
Appropriate Inappropriate
Q7.10
Readings Used in the Summit Learning Platform are...
Stressful Relaxing
Q7.11
Readings Used in the Summit Learning Platform are...
Exciting Boring
Q7.12
Readings Used in the Summit Learning Platform are...
Dull Thrilling
Q7.13
Readings Used in the Summit Learning Platform make me feel...
Wide Awake Sleepy

Q7.14
Readings Used in the Summit Learning Platform are...
Not Entertaining Entertaining
Q7.15
Readings Used in the Summit Learning Platform are...
Interesting Uninteresting
Q7.16
Readings Used in the Summit Learning Platform are...
Tiring Energizing
Q7.17
Readings Used in the Summit Learning Platform make me feel...
Calm Panicked
Q7.18
Readings Used in the Summit Learning Platform make me feel...
Out of Control In Control
Q7.19
Readings Used in the Summit Learning Platform make me feel...
Not in Charge In Charge
Q7.20
Readings Used in the Summit Learning Platform make me feel...
Important Ignored
Q7.21
Readings Used in the Summit Learning Platform make me feel...
Left-Out Included
Q7.22
Readings Used in the Summit Learning Platform make me feel...
Free Controlled
Q7.23
Readings Used in the Summit Learning Platform make me feel...
Weak Powerful
Q7.24
Readings Used in the Summit Learning Platform make me feel...
Knowledgeable Confused

Perceptions of SLP Grading System

Q8.1
On the following screens, you will see pairs of words or phrases describing your experiences with The Grading System Used in the Summit Learning Platform.

This includes how grades are shared throughout the school year through the Summit Learning Platform.

Please use the slider to show how you feel about The Grading System Used in the Summit Learning Platform.

Q8.2
The Grading System Used in the Summit Learning Platform is...
Enjoyable Not Enjoyable
Q8.3
The Grading System Used in the Summit Learning Platform is...
Unappealing Appealing
Q8.4
The Grading System Used in the Summit Learning Platform is...
Satisfying Unsatisfying
Q8.5
The Grading System Used in the Summit Learning Platform is...
Fun Not Fun
Q8.6
The Grading System Used in the Summit Learning Platform makes me feel...
Sad Happy
Q8.7
The Grading System Used in the Summit Learning Platform is...
Pleasing Annoying
Q8.8
The Grading System Used in the Summit Learning Platform is...
Frustrating Not Frustrating
Q8.9
The Grading System Used in the Summit Learning Platform is...
Appropriate Inappropriate
Q8.10
The Grading System Used in the Summit Learning Platform is...
Stressful Relaxing
Q8.11
The Grading System Used in the Summit Learning Platform is...
Exciting Boring
Q8.12
The Grading System Used in the Summit Learning Platform is...
Dull Thrilling

Q8.13
The Grading System Used in the Summit Learning Platform makes me feel...
Wide Awake Sleepy
Q8.14
The Grading System Used in the Summit Learning Platform is...
Not Entertaining Entertaining
Q8.15
The Grading System Used in the Summit Learning Platform is...
Interesting Uninteresting
Q8.16
The Grading System Used in the Summit Learning Platform is...
Tiring Energizing
Q8.17
The Grading System Used in the Summit Learning Platform makes me feel...
Calm Panicked
Q8.18
The Grading System Used in the Summit Learning Platform makes me feel...
Out of Control In Control
Q8.19
The Grading System Used in the Summit Learning Platform makes me feel...
Not in Charge In Charge
Q8.20
The Grading System Used in the Summit Learning Platform makes me feel...
Important Ignored
Q8.21
The Grading System Used in the Summit Learning Platform makes me feel...
Left-Out Included
Q8.22
The Grading System Used in the Summit Learning Platform makes me feel...
Free Controlled
Q8.23
The Grading System Used in the Summit Learning Platform makes me feel...
Weak Powerful
Q8.24
The Grading System Used in the Summit Learning Platform makes me feel...
Knowledgeable Confused

Perceptions of SLP Video and Audio Recordings

Q9.1
On the following screens, you will see pairs of words or phrases describing your experiences with Videos and Audio Recordings Used in the Summit Learning Platform.

This includes YouTube videos, podcasts, recorded lectures, documentaries, and any other video or audio materials used in the Summit Learning Platform.

Please use the slider to show how you feel about Videos and Audio Recordings Used in the Summit Learning Platform.

Q9.2
Videos and Audio Recordings Used in the Summit Learning Platform are...
Not Enjoyable Enjoyable
Q9.3
Videos and Audio Recordings Used in the Summit Learning Platform are...
Appealing Unappealing
Q9.4
Videos and Audio Recordings Used in the Summit Learning Platform are...
Unsatisfying Satisfying
Q9.5
Videos and Audio Recordings Used in the Summit Learning Platform are...
Not Fun Fun
Q9.6
Videos and Audio Recordings Used in the Summit Learning Platform make me feel...
Happy Sad
Q9.7
Videos and Audio Recordings Used in the Summit Learning Platform are...
Annoying Pleasing
Q9.8
Videos and Audio Recordings Used in the Summit Learning Platform are...
Not Frustrating Frustrating
Q9.9
Videos and Audio Recordings Used in the Summit Learning Platform are...
Inappropriate Appropriate
Q9.10
Videos and Audio Recordings Used in the Summit Learning Platform are...
Relaxing Stressful
Q9.11
Videos and Audio Recordings Used in the Summit Learning Platform are...
Boring Exciting
Q9.12
Videos and Audio Recordings Used in the Summit Learning Platform are...
Thrilling Dull

Q9.13
Videos and Audio Recordings Used in the Summit Learning Platform make me feel...
Sleepy Wide Awake
Q9.14
Videos and Audio Recordings Used in the Summit Learning Platform are...
Entertaining Not Entertaining
Q9.15
Videos and Audio Recordings Used in the Summit Learning Platform are...
Uninteresting Interesting
Q9.16
Videos and Audio Recordings Used in the Summit Learning Platform are...
Energizing Tiring
Q9.17
Videos and Audio Recordings Used in the Summit Learning Platform make me feel...
Panicked Calm
Q9.18
Videos and Audio Recordings Used in the Summit Learning Platform make me feel...
In Control Out of Control
Q9.19
Videos and Audio Recordings Used in the Summit Learning Platform make me feel...
In Charge Not in Charge
Q9.20
Videos and Audio Recordings Used in the Summit Learning Platform make me feel...
Ignored Important
Q9.21
Videos and Audio Recordings Used in the Summit Learning Platform make me feel...
Included Left-Out
Q9.22
Videos and Audio Recordings Used in the Summit Learning Platform make me feel...
Controlled Free
Q9.23
Videos and Audio Recordings Used in the Summit Learning Platform make me feel...
Powerful Weak
Q9.24
Videos and Audio Recordings Used in the Summit Learning Platform make me feel...
Confused Knowledgeable

Technology Use and Access

Q10.1
Please mark if you have the following items.
Check more than one if needed.

	I do not have one.	I share one.	I have my own.
Smart Phone	☐	☐	☐
Computer	☐	☐	☐
Tablet	☐	☐	☐
Video Game System	☐	☐	☐
Television	☐	☐	☐

Q10.2
Please mark your internet access for the following locations.

	No Access	Access Some of the Time	Access Most of the Time	Access All of the Time
Your Home	O	O	O	O
A Public Library	O	O	O	O
Friends' or Family Members' Homes	O	O	O	O
Your Place of Employment	O	O	O	O
Other _____ (*includes possible written response*)	O	O	O	O

Q10.3
Please use the drop-down menus to show how much time in each day you spend on computers, tablets, smart phones, televisions, or gaming systems at the following locations.

School	▼ No Time ... 7 or More Hours
Your Home	▼ No Time ... 7 or More Hours
A Public Library	▼ No Time ... 7 or More Hours
Friends' or Family Members' Homes	▼ No Time ... 7 or More Hours
Your Place of Employment	▼ No Time ... 7 or More Hours
Text From "Other" if written in Q10.2	▼ No Time ... 7 or More Hours

Q10.4
Please use the drop-down menus to show how much time in each day you spend on the Summit Learning Platform at the following locations.

School	▼ No Time ... 7 or More Hours
Your Home	▼ No Time ... 7 or More Hours
A Public Library	▼ No Time ... 7 or More Hours
Friends' or Family Members' Homes	▼ No Time ... 7 or More Hours
Your Place of Employment	▼ No Time ... 7 or More Hours
Text From "Other" if written in Q10.2	▼ No Time ... 7 or More Hours

Perceptions of SLP as a Product

Q11.1
On the following screens, you will see pairs of words or phrases describing your experiences while using the Summit Learning Platform.

Please use the slider to show how you feel about the Summit Learning Platform.

Q11.2
The Summit Learning Platform

Visually Appealing	Visually Unappealing

Q11.3
The Summit Learning Platform

Difficult to Find My Way	Easy to Find My Way

Q11.4
The Summit Learning Platform

Organized	Confusing

Q11.5
The Summit Learning Platform

Easy to Use	Difficult to Use

Q11.6
The Summit Learning Platform

Limited Content	Extensive Content

Q11.7
The Summit Learning Platform

Works Poorly	Works Well

Q11.8
The Summit Learning Platform

Helpful	Not Helpful

Q11.9
The Summit Learning Platform

Not Supported	Supported

Q11.10
The Summit Learning Platform

Easy to Use at Home	Hard to Use at Home

Q11.11
The Summit Learning Platform

Expensive	Free

Q11.12
The Summit Learning Platform

Safe	Unsafe

Perceptions of SLP Effectiveness

Q12.1
Please mark how much you disagree or agree with the statements below.

	Strongly disagree	Somewhat disagree	Neither agree nor disagree	Somewhat agree	Strongly agree
The Summit Learning Platform helps students learn.	O	O	O	O	O
The Summit Learning Platform does not encourage students to learn.	O	O	O	O	O
The Summit Learning Platform prepares students for their future education.	O	O	O	O	O
The Summit Learning Platform prepares students for their future careers.	O	O	O	O	O
The Summit Learning Platform helps students think critically.	O	O	O	O	O

Q12.2
Please mark how much you disagree or agree with the statements below.

	Strongly disagree	Somewhat disagree	Neither agree nor disagree	Somewhat agree	Strongly agree
The Summit Learning Platform helps students learn to solve problems.	O	O	O	O	O
The Summit Learning Platform helps students socialize.	O	O	O	O	O
The Summit Learning Platform prepares students for future social situations.	O	O	O	O	O
The Summit Learning Platform does not help students be creative.	O	O	O	O	O
The Summit Learning Platform helps strengthen the school community.	O	O	O	O	O

Future Use of SLP

Q13.1
Do you think the Summit Learning Platform should be used by the Indiana Area School District next year?
Check more than one if needed**.**

- ☐ Yes, for all major subjects.
- ☐ Yes, but only for some subjects.
- ☐ Yes, but only for students who want to use it.
- ☐ Yes, but along with other teaching methods.
- ☐ No, not at all.

Q13.2 is only displayed if participants selected "Yes, but only for some subjects." as an answer to Q13.1.

Q13.2
How much time should a student spend in the Summit Learning Platform for each of the following classes?

	Less Time	The Same Amount of Time Currently Used	More Time
Language Arts	O	O	O
Math	O	O	O
Social Studies	O	O	O
Science	O	O	O
Other Subjects	O	O	O

Q13.3
How do you feel about the recent news that the Indiana Area School District is reducing the use of the Summit Learning Platform beginning later this month?

Check more than one if needed.

- ☐ Glad
- ☐ Sad
- ☐ Upset
- ☐ Excited
- ☐ Worried
- ☐ Optimistic
- ☐ Relieved
- ☐ Concerned
- ☐ Anxious
- ☐ Calm
- ☐ Uninterested
- ☐ Angry
- ☐ I did not know.
- ☐ Other _____(*possible written response*)

Knowledge of SLP

Q14.1
The Summit Learning Platform was first used at the Indiana Area School District in Fall of 2017.

- O Yes
- O No
- O I'm Not Sure

Q14.2
The Summit Learning Platform primarily uses project based learning.

- O Yes
- O No
- O I'm Not Sure

Q14.3
The Summit Learning Platform allows students to schedule their tests with teachers.

- O Yes
- O No
- O I'm Not Sure

Q14.4
Parents and guardians can access and monitor student work through the Summit Learning Platform online.

- O Yes
- O No
- O I'm Not Sure

Educational Values

Q15.1
Please mark how important the following experiences, ideas, concepts, or items are in a good education.

	Not at all important	Slightly important	Moderately important	Very important	Extremely important
Access to technology	O	O	O	O	O
Project based learning	O	O	O	O	O
Personalized learning	O	O	O	O	O
Working in groups or pairs	O	O	O	O	O
Technological skills	O	O	O	O	O
Student and teacher interaction	O	O	O	O	O
Using textbooks	O	O	O	O	O

Q15.2
Please mark how important the following experiences, ideas, concepts, or items are in a good education.

	Not at all important	Slightly important	Moderately important	Very important	Extremely important
Use of technology	O	O	O	O	O
Mass customized learning	O	O	O	O	O
The Summit Learning Platform	O	O	O	O	O
Working alone	O	O	O	O	O
Student and peer interaction	O	O	O	O	O
Taking tests	O	O	O	O	O
Access to the internet	O	O	O	O	O

Q15.3
Please mark how important the following experiences, ideas, concepts, or items are in a good education.

	Not at all important	Slightly important	Moderately important	Very important	Extremely important
Memorizing	O	O	O	O	O
Problem solving	O	O	O	O	O
Preparing for tests	O	O	O	O	O
Listening	O	O	O	O	O
Talking	O	O	O	O	O
Moving	O	O	O	O	O
Inventing and creating	O	O	O	O	O

Open-Ended Questions

Q16.1
If you could change one thing about the Summit Learning Platform, what would you change? Why?

_____
_____
_____
_____
_____

Q16.2
If there is a part of the Summit Learning Platform that should *not* be changed, what would that be? Why?

_____
_____
_____
_____
_____

Q16.3
If you have any additional thoughts about the Summit Learning Platform, please write them below.

_____
_____
_____
_____
_____

News About SLP

Q17.1
When did you first hear about this survey?

- O Today
- O Within the last week.
- O Within the last month.
- O Within the last few months.

Q17.2
How did you hear about this survey?
Check more than one if needed.

- ☐ My child/children or ward/wards.
- ☐ Teacher or Principal notified me.
- ☐ A friend or family member notified me.
- ☐ I read about it in the news.
- ☐ Other _____

Q17.3
How many news articles have you read about the Summit Learning Platform in the Indiana Area School District?

- O None
- O 1
- O 2
- O 3
- O 4
- O 5
- O More than 5

Q17.4
How many news articles have you read about the Summit Learning Platform in school districts other than the Indiana Area School District?

- O None
- O 1
- O 2
- O 3
- O 4
- O 5
- O More than 5

Perceptions of SLP Implementation

Q18.1
Did the Indiana Area School District inform students about the Summit Learning Platform before it was launched?

- O Yes
- O Somewhat
- O No
- O Unsure

Q18.2
Did the Indiana Area School District inform parents and guardians about the Summit Learning Platform before it was launched?

- O Yes
- O Somewhat
- O No

Q18.3
Was information provided by the Indiana Area School District about the Summit Learning Platform before launching the platform useful for students, parents, and guardians?

- O Yes
- O Somewhat
- O No
- O No information was provided.

Q18.4
Is current information provided by the Indiana Area School District about the Summit Learning Platform useful for students, parents, and guardians?

- O Yes
- O Somewhat
- O No
- O No information is provided.

Q18.5
Was information provided by the Indiana Area School District about the Summit Learning Platform easy to understand?

- O Yes
- O Somewhat
- O No

Q18.6
Do you know why the Summit Learning Platform was chosen by the Indiana Area School District?

- O Yes
- O Somewhat
- O No

Q18.7
Do you trust the privacy of the Summit Learning Platform?

- O Yes
- O Somewhat
- O No

Q18.8
Do you trust the security of the Summit Learning Platform?

- O Yes
- O Somewhat
- O No

Q18.9
If you had questions about the Summit Learning Platform, were your questions answered completely and quickly by the Indiana Area School District?

- O Yes
- O Somewhat
- O No
- O I did not have any questions.

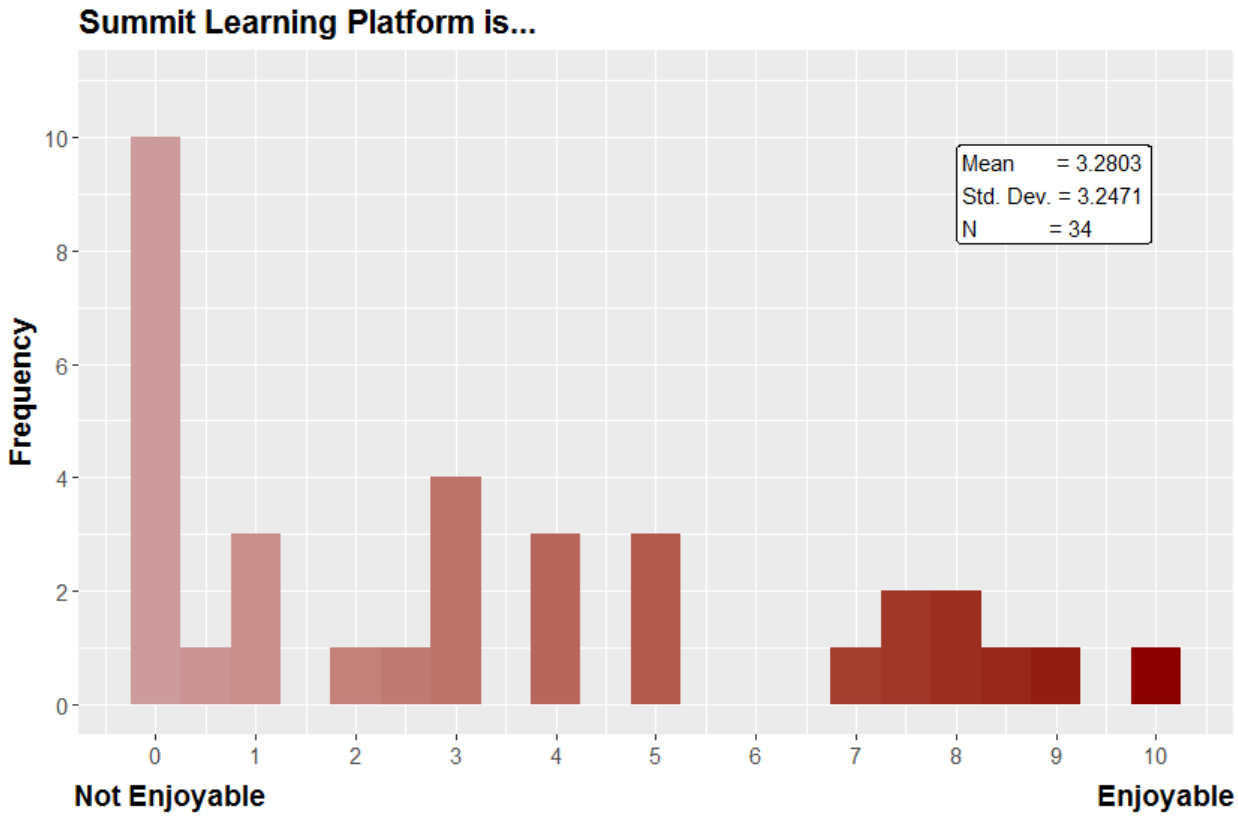
Appendix C – Parent/Guardian Tables and Graphs

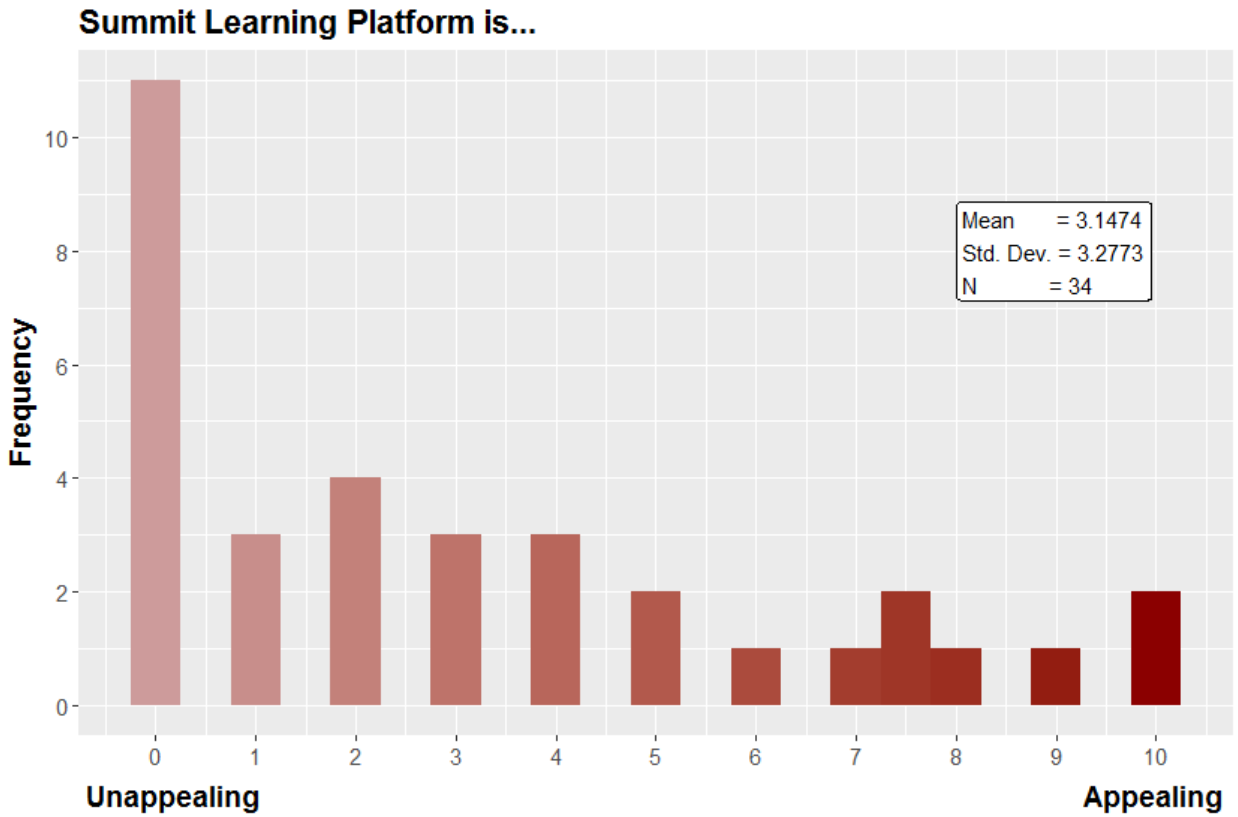
Perceptions of SLP

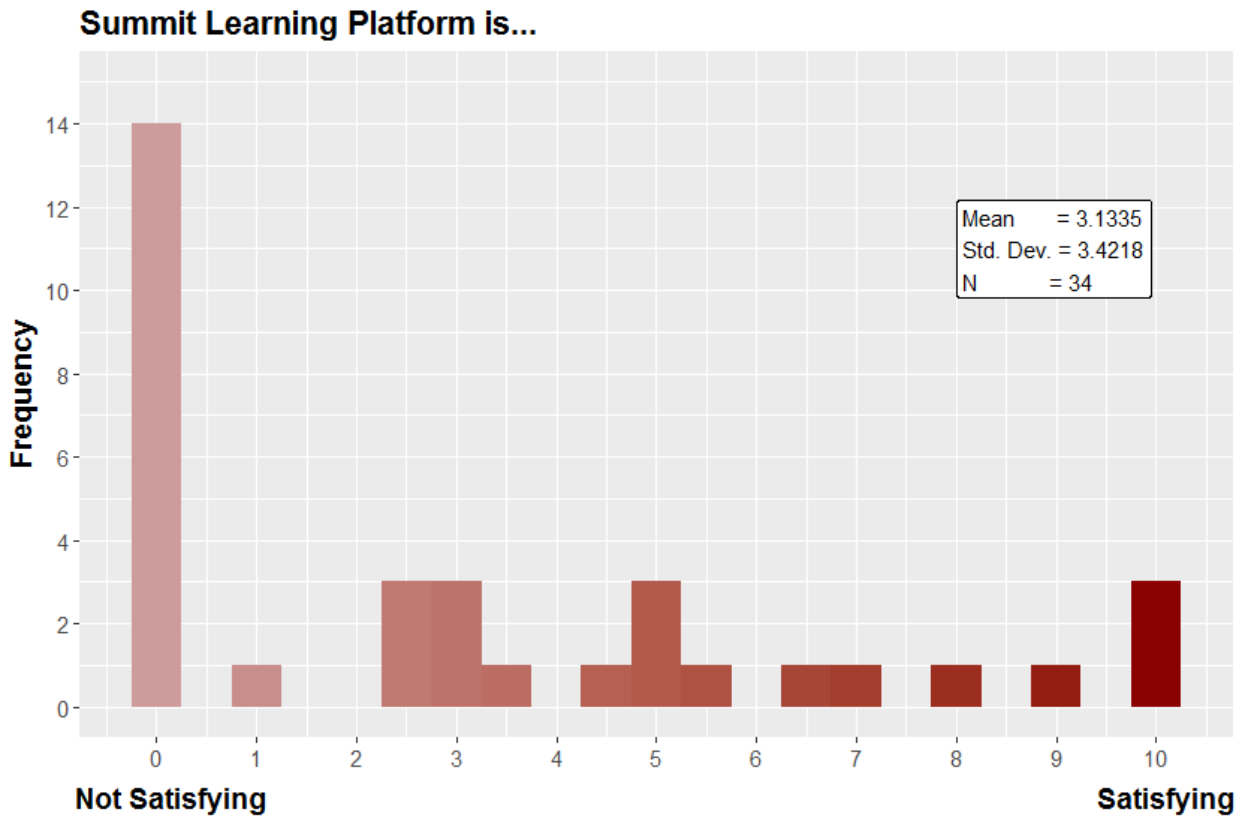
Table 1

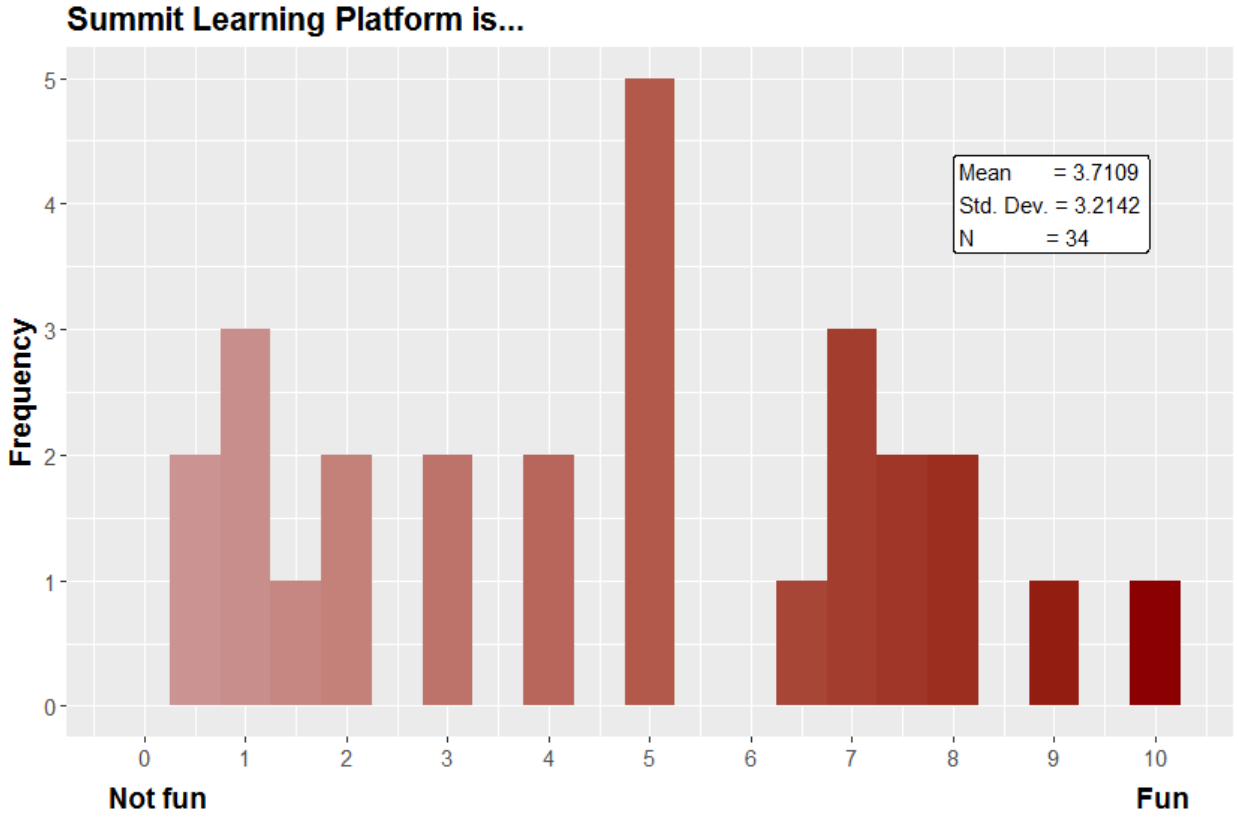
Summary of "SLP Overall" for Parents/Guardians

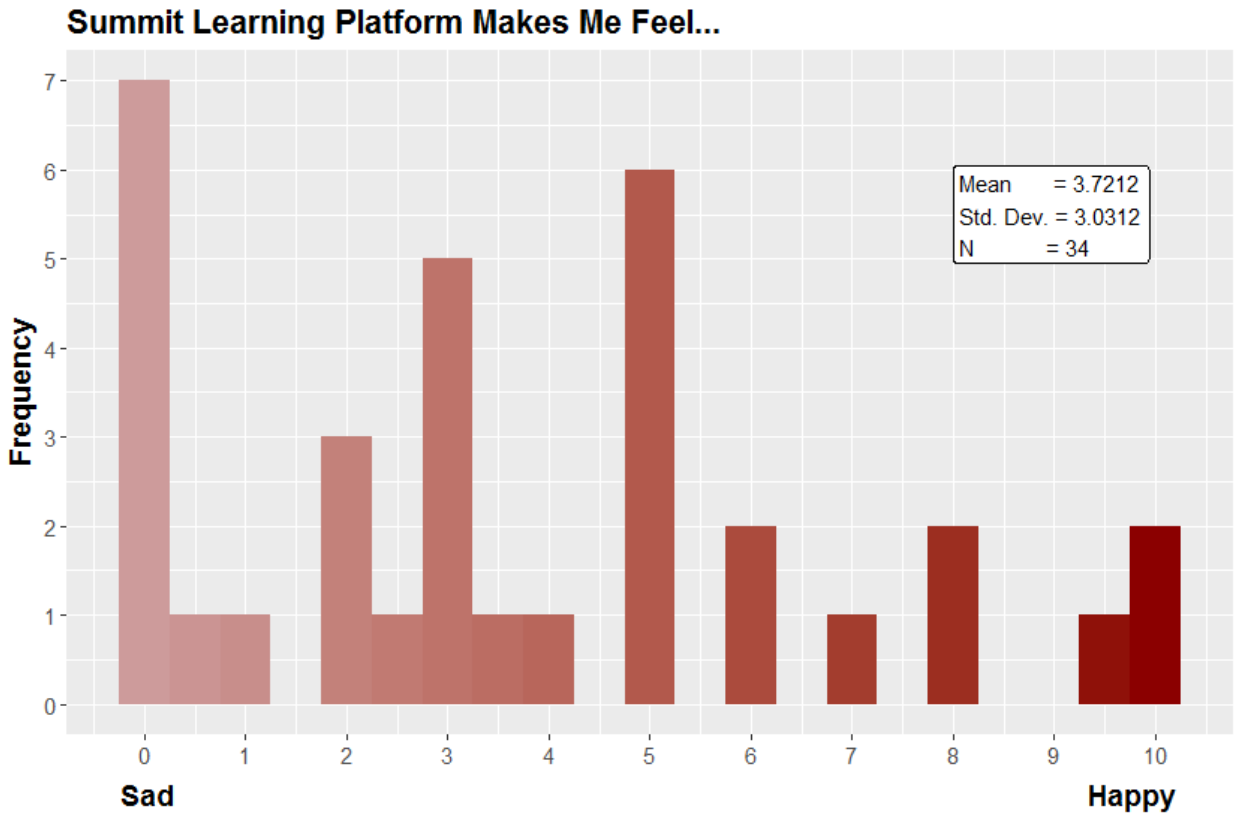
Domain	Semantic Differential	n	Mean	Median	Variance	Standard Deviation	α
Pleasure		34					.982
	Enjoyment		3.2803	2.8900	10.544	3.24713	
	Appealing		3.1474	2.0400	10.740	3.27726	
	Satisfying		3.1335	2.6800	11.709	3.42181	
	Fun		3.7109	3.4400	10.331	3.21425	
	Happy		3.7212	3.1300	9.188	3.03123	
	Pleasing		3.0241	1.9700	11.221	3.34979	
	Not Frustrating		2.8944	1.8600	11.811	3.43673	
	Appropriate		3.0844	1.7800	12.508	3.53671	
Arousal		34					.971
	Stressful		6.9435	7.6950	10.484	3.23793	
	Exciting		3.4138	2.3550	10.893	3.30042	
	Thrilling		4.1644	5.0000	8.870	2.97825	
	Wide-Awake		3.8697	5.0000	6.208	2.49157	
	Entertaining		3.5135	3.0750	8.433	2.90391	
	Interesting		4.0815	4.0200	11.154	3.33972	
	Energizing		3.5129	3.1050	8.725	2.95384	
	Panicked		6.1779	6.0600	8.526	2.91993	
Dominance		34					.970
	In Control		3.6106	3.5150	9.183	3.03037	
	In Charge		3.5926	3.2600	9.837	3.13633	
	Important		3.0806	2.5550	9.471	3.07751	
	Included		3.6368	3.8350	11.222	3.34988	
	Free		3.7071	3.0000	8.364	2.89198	
	Powerful		3.9279	5.0000	8.864	2.97718	
	Knowledgeable		3.2932	2.4900	10.360	3.21865	

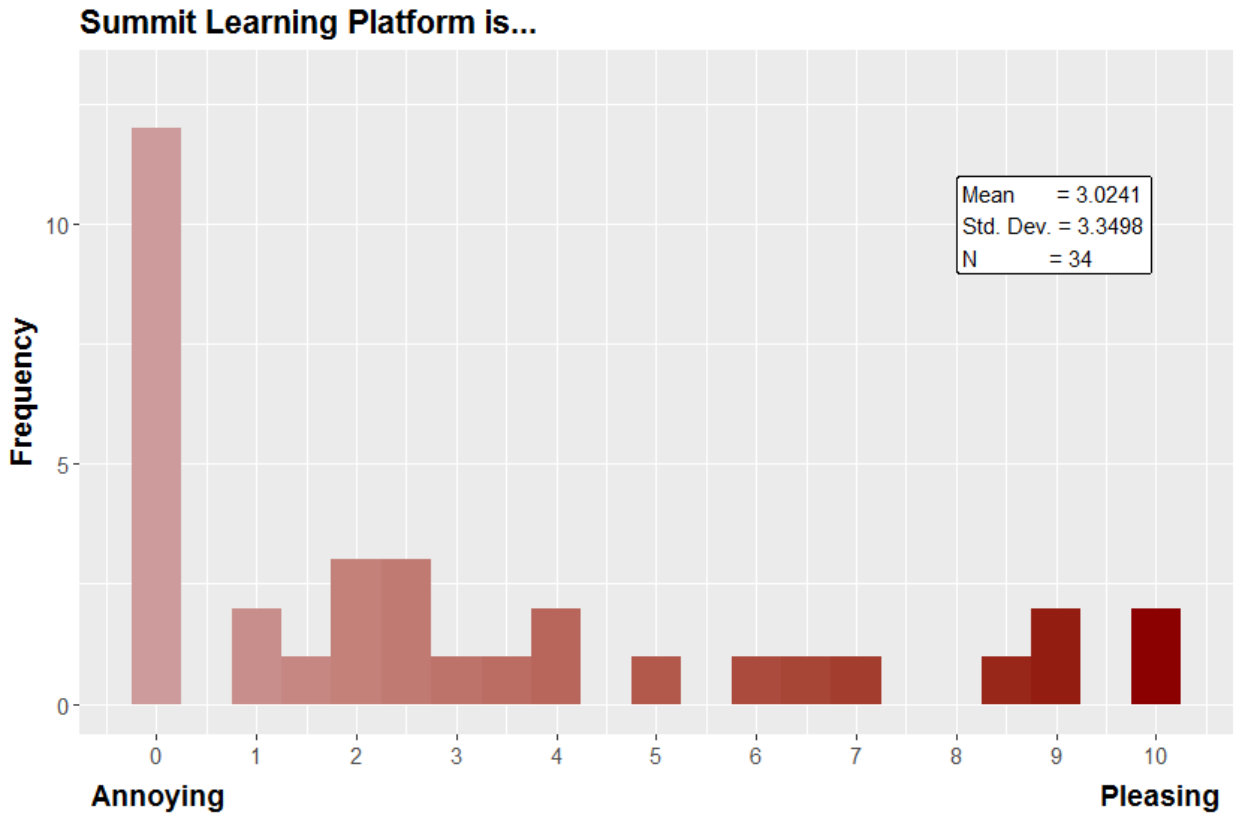

Summit Learning Platform is...
Mean = 3.2803
Std. Dev. = 3.2471
N = 34
Frequency
0
2
4
6
8
10
0 1 2 3 4 5 6 7 8 9 10
Not Enjoyable
Enjoyable

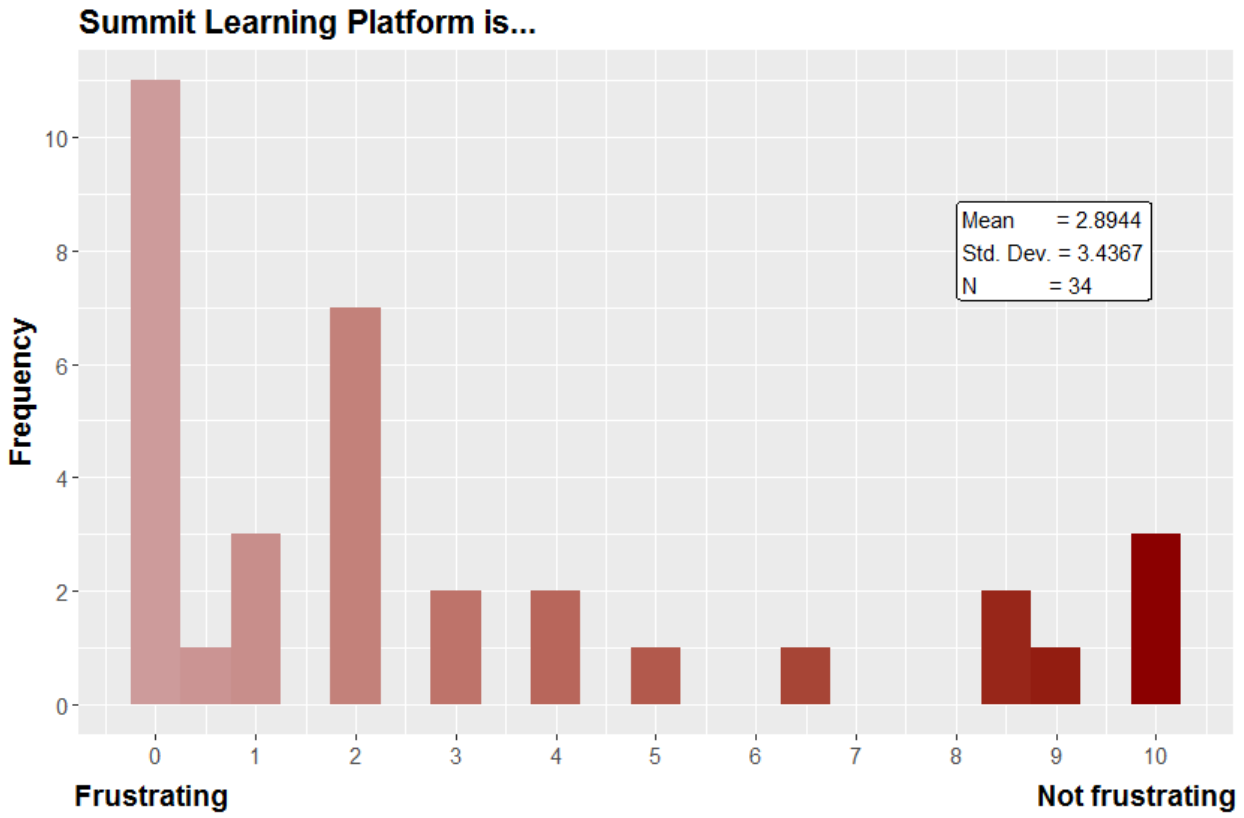

Summit Learning Platform is...
Mean = 3.1474
Std. Dev. = 3.2773
N = 34
Frequency
0
2
4
6
8
10
0 1 2 3 4 5 6 7 8 9 10
Unappealing
Appealing

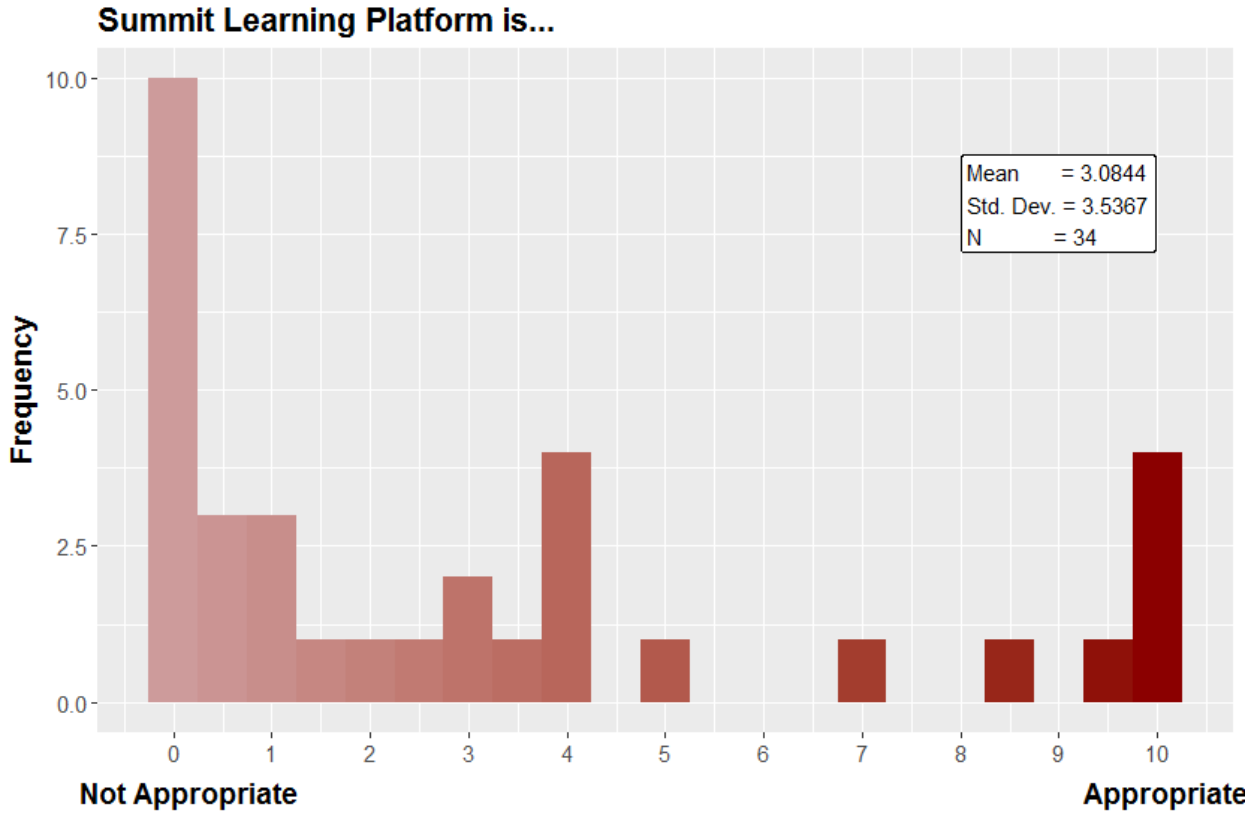

Summit Learning Platform is...
Frequency
Mean = 3.1335
Std. Dev. = 3.4218
N = 34
Not Satisfying
Satisfying

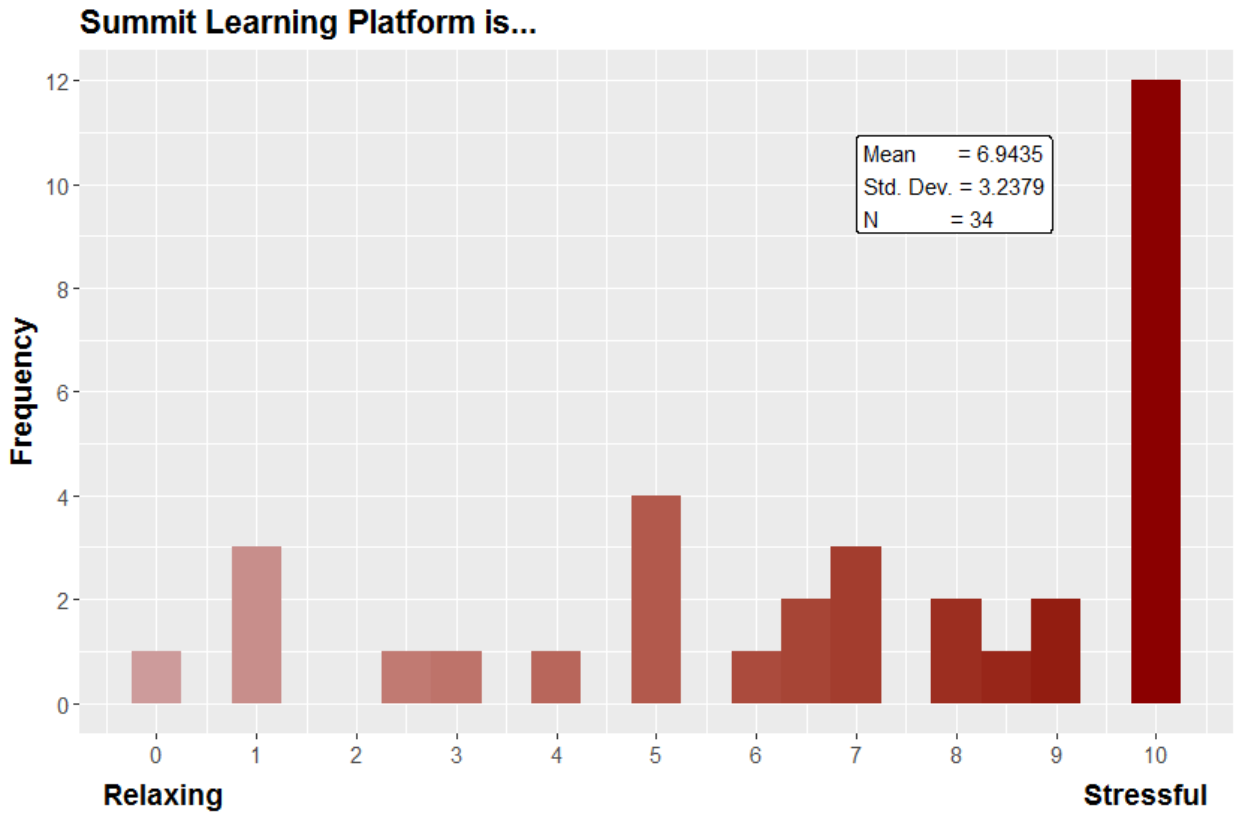

Summit Learning Platform is...
Frequency
Mean = 3.7109
Std. Dev. = 3.2142
N = 34
Not fun
Fun

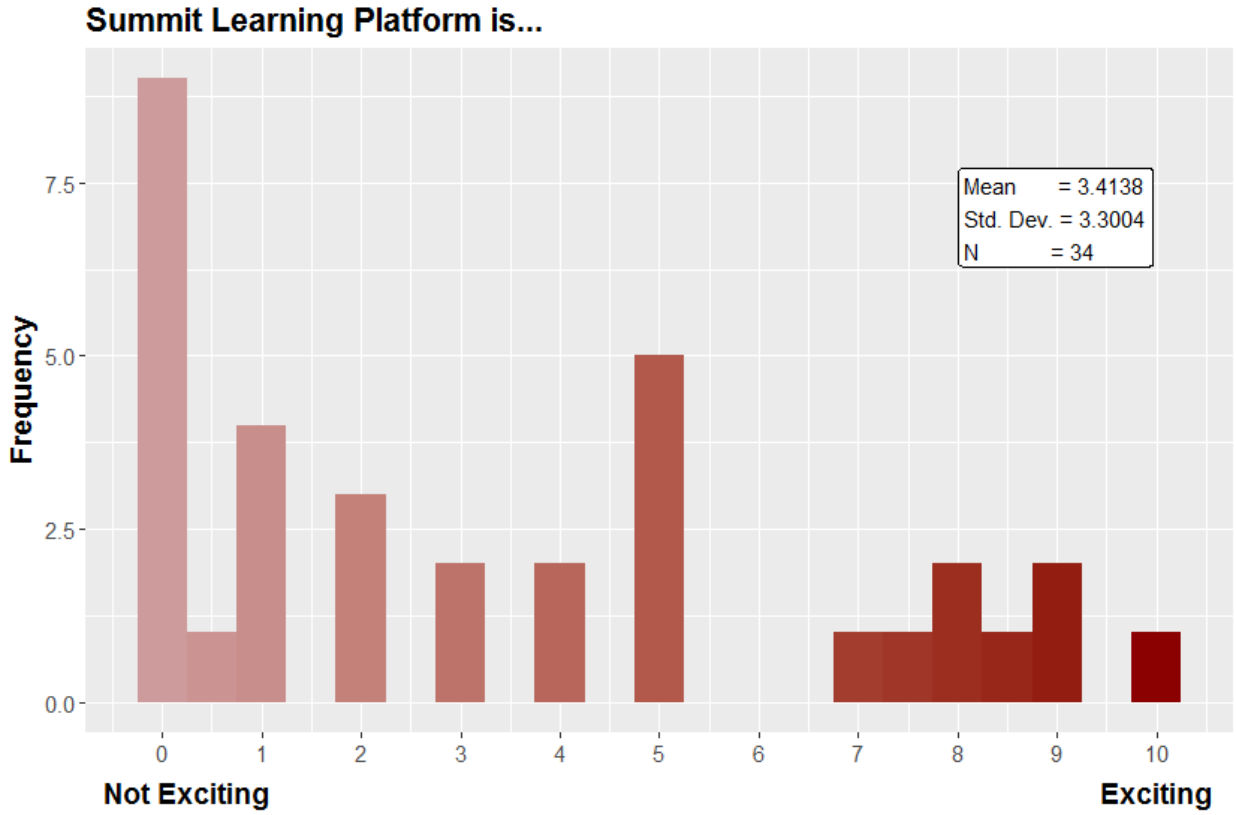

Summit Learning Platform Makes Me Feel...
Mean = 3.7212
Std. Dev. = 3.0312
N = 34
Frequency
0
1
2
3
4
5
6
7
0 1 2 3 4 5 6 7 8 9 10
Sad
Happy

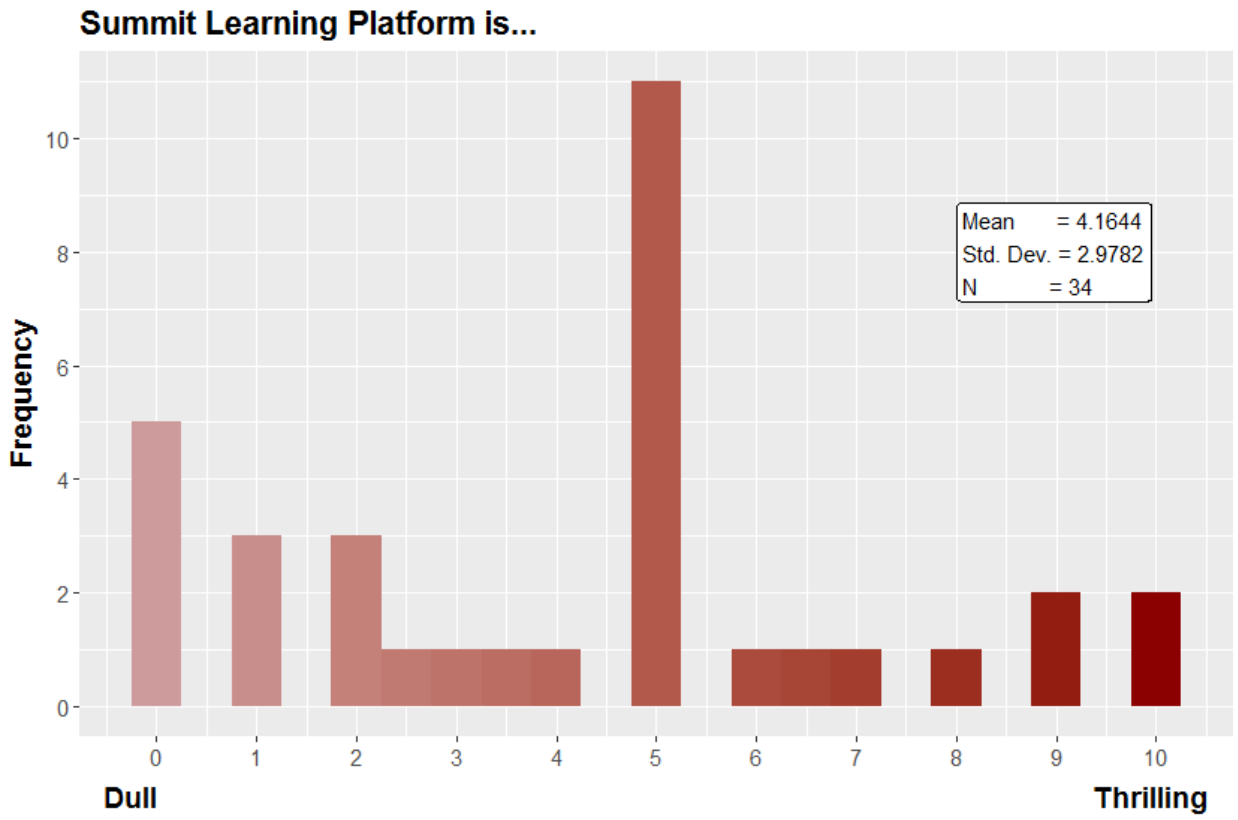

Summit Learning Platform is...
Mean = 3.0241
Std. Dev. = 3.3498
N = 34
Frequency
0
5
10
0 1 2 3 4 5 6 7 8 9 10
Annoying
Pleasing

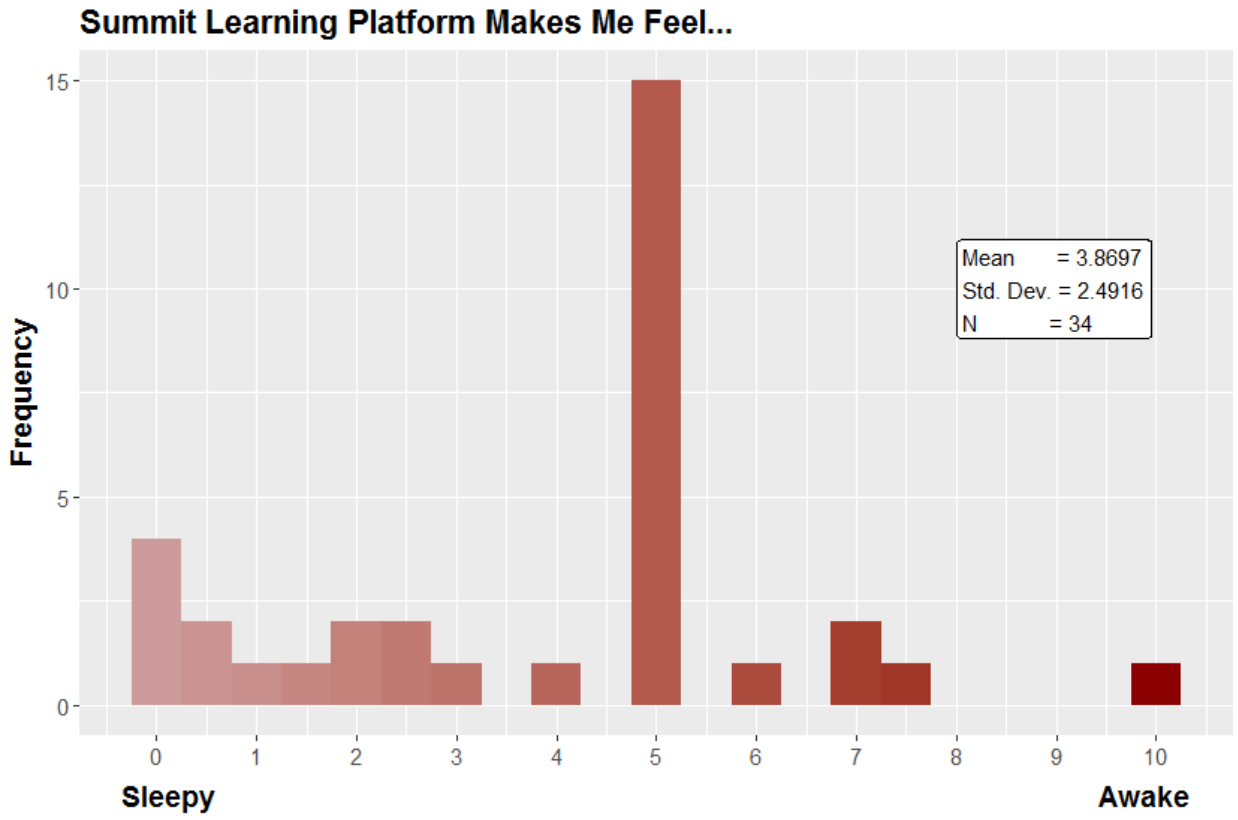

Summit Learning Platform is...
Frequency
Mean = 2.8944
Std. Dev. = 3.4367
N = 34
Frustrating
Not frustrating

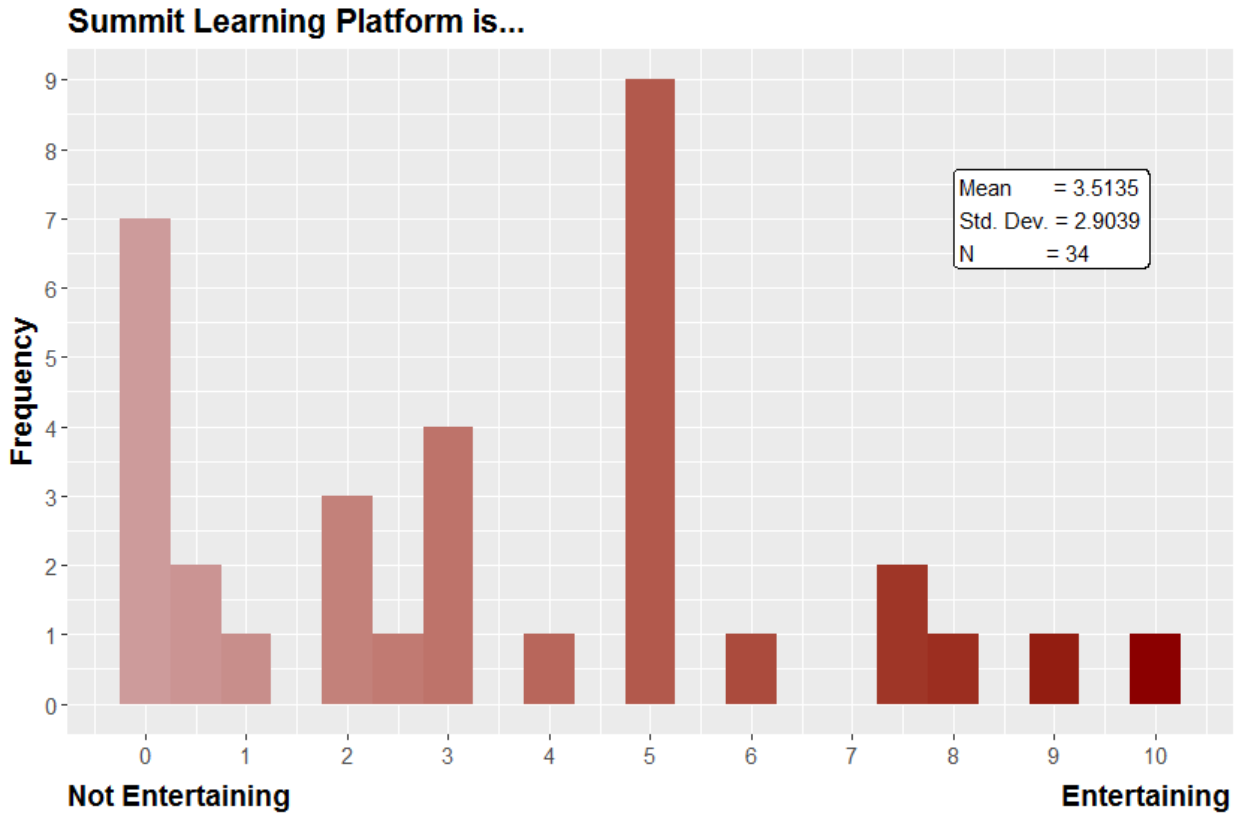

Summit Learning Platform is...
Frequency
Mean = 3.0844
Std. Dev. = 3.5367
N = 34
Not Appropriate
Appropriate

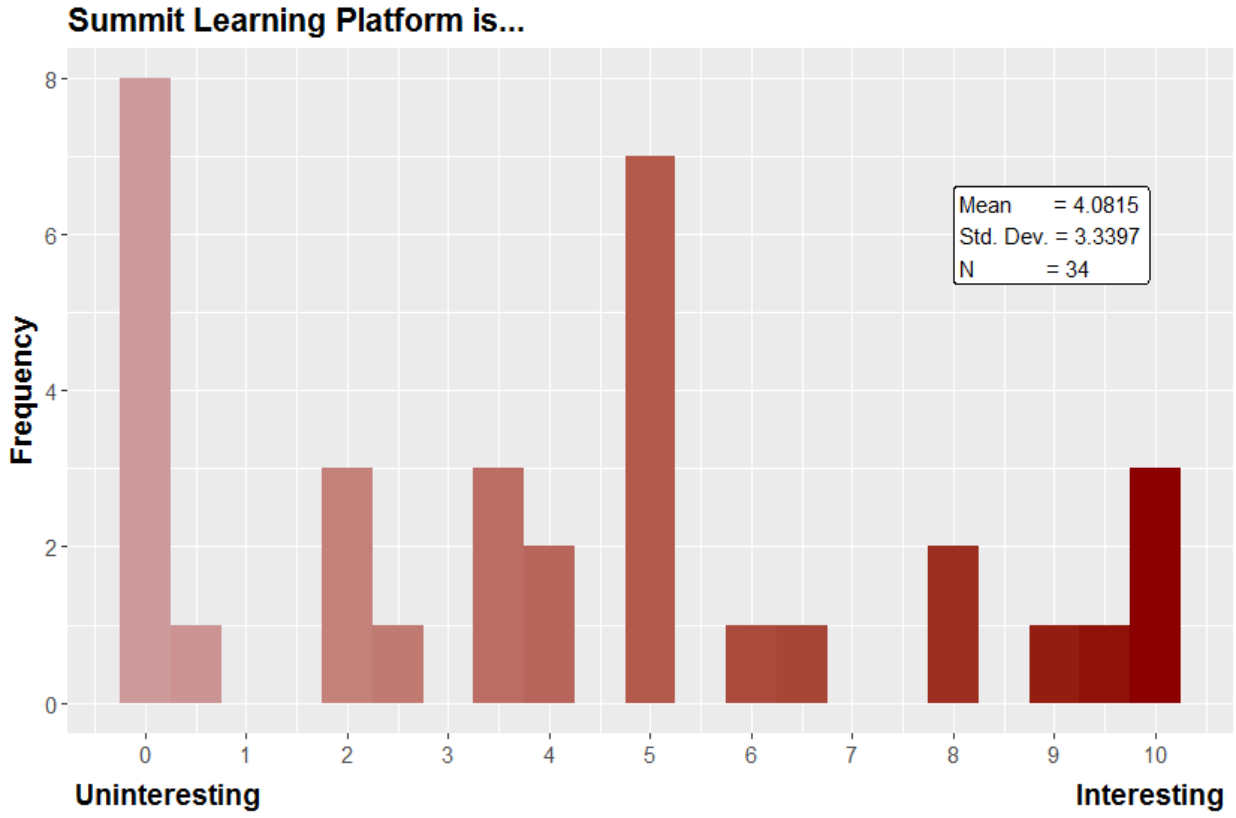

Summit Learning Platform is...
Mean = 6.9435
Std. Dev. = 3.2379
N = 34
Frequency
0
2
4
6
8
10
12
0 1 2 3 4 5 6 7 8 9 10
Relaxing
Stressful

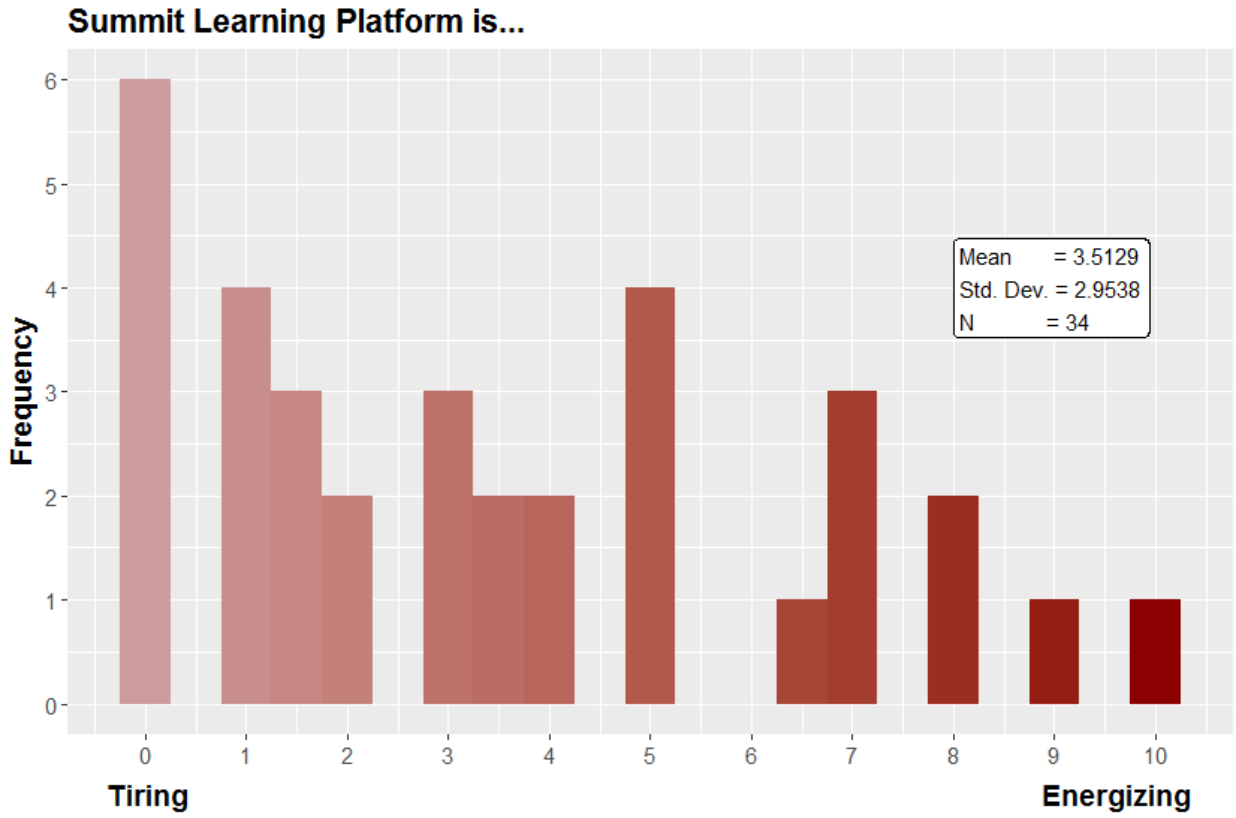

Summit Learning Platform is...
Mean = 3.4138
Std. Dev. = 3.3004
N = 34
Frequency
0.0
2.5
5.0
7.5
0 1 2 3 4 5 6 7 8 9 10
Not Exciting
Exciting

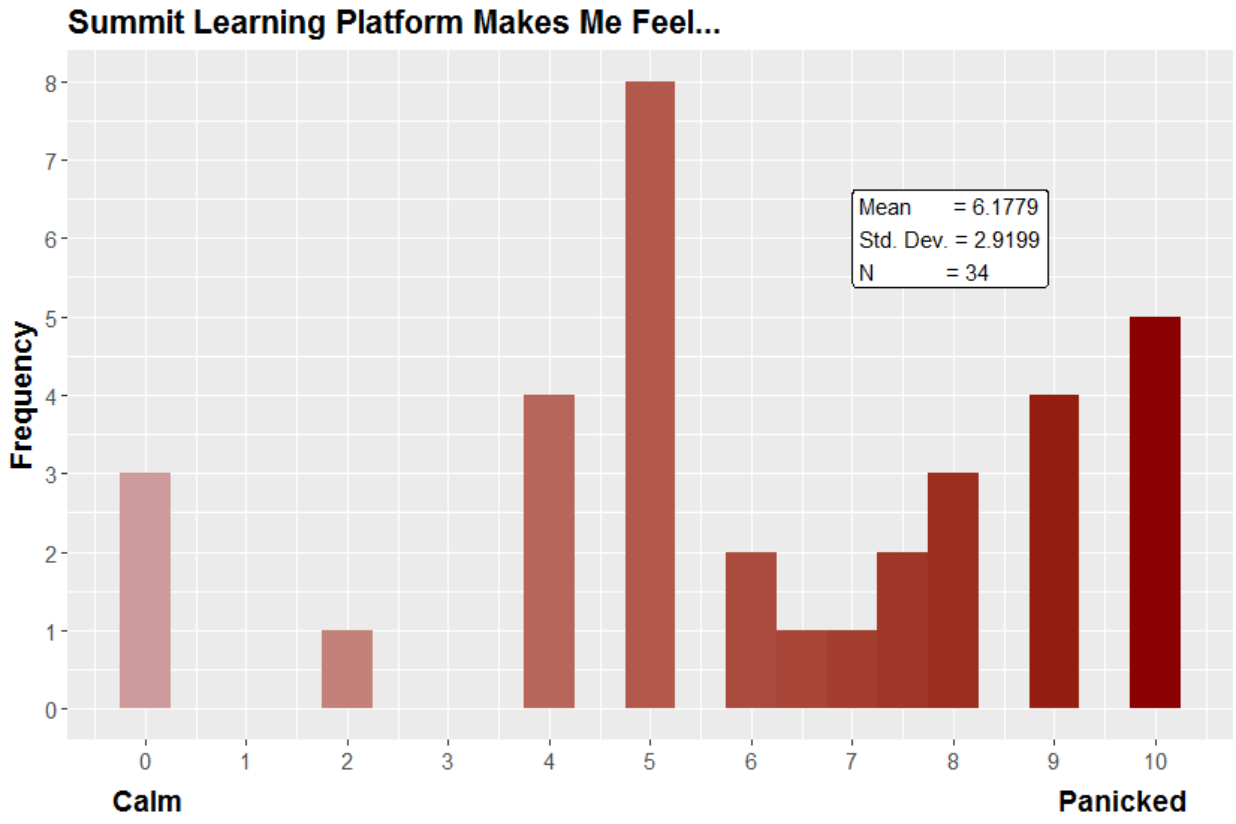

Summit Learning Platform is...
Frequency
Mean = 4.1644
Std. Dev. = 2.9782
N = 34
Dull
Thrilling

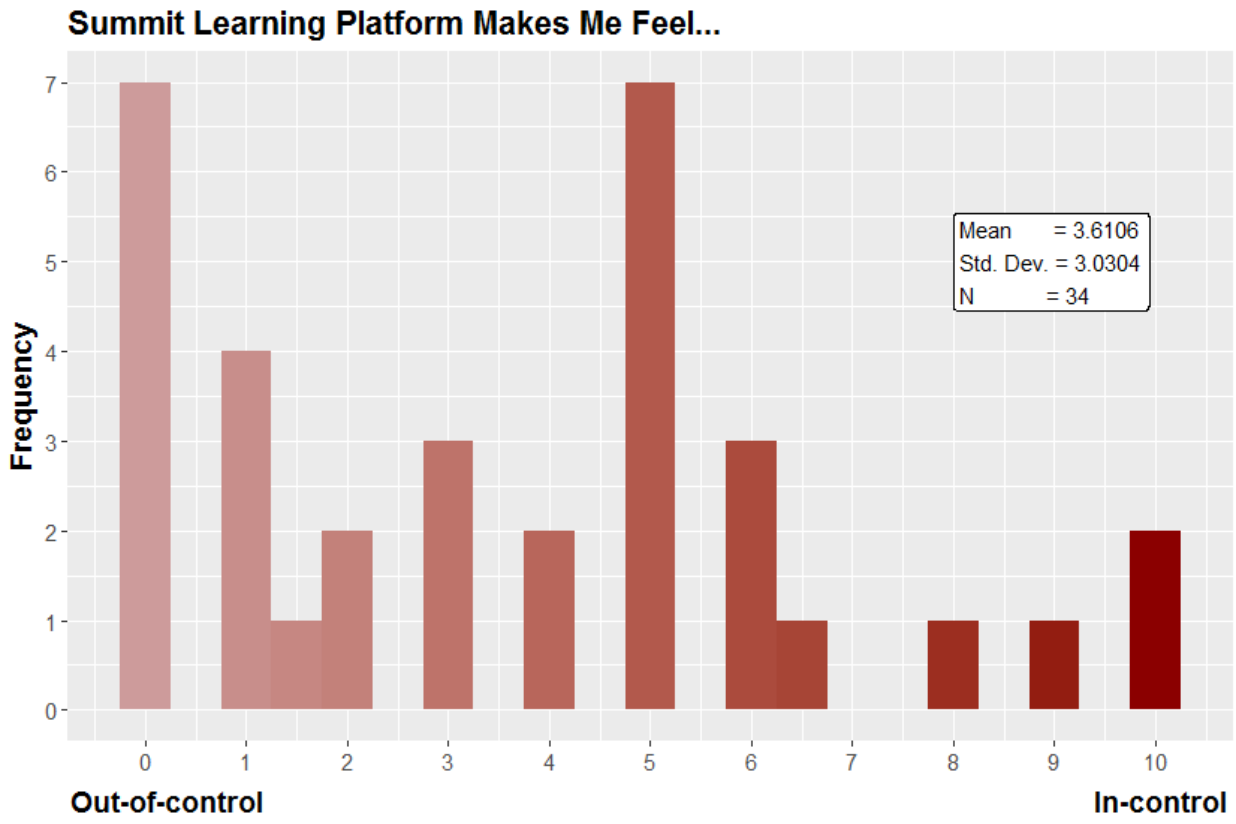

Summit Learning Platform Makes Me Feel...
Frequency
Mean = 3.8697
Std. Dev. = 2.4916
N = 34
Sleepy
Awake

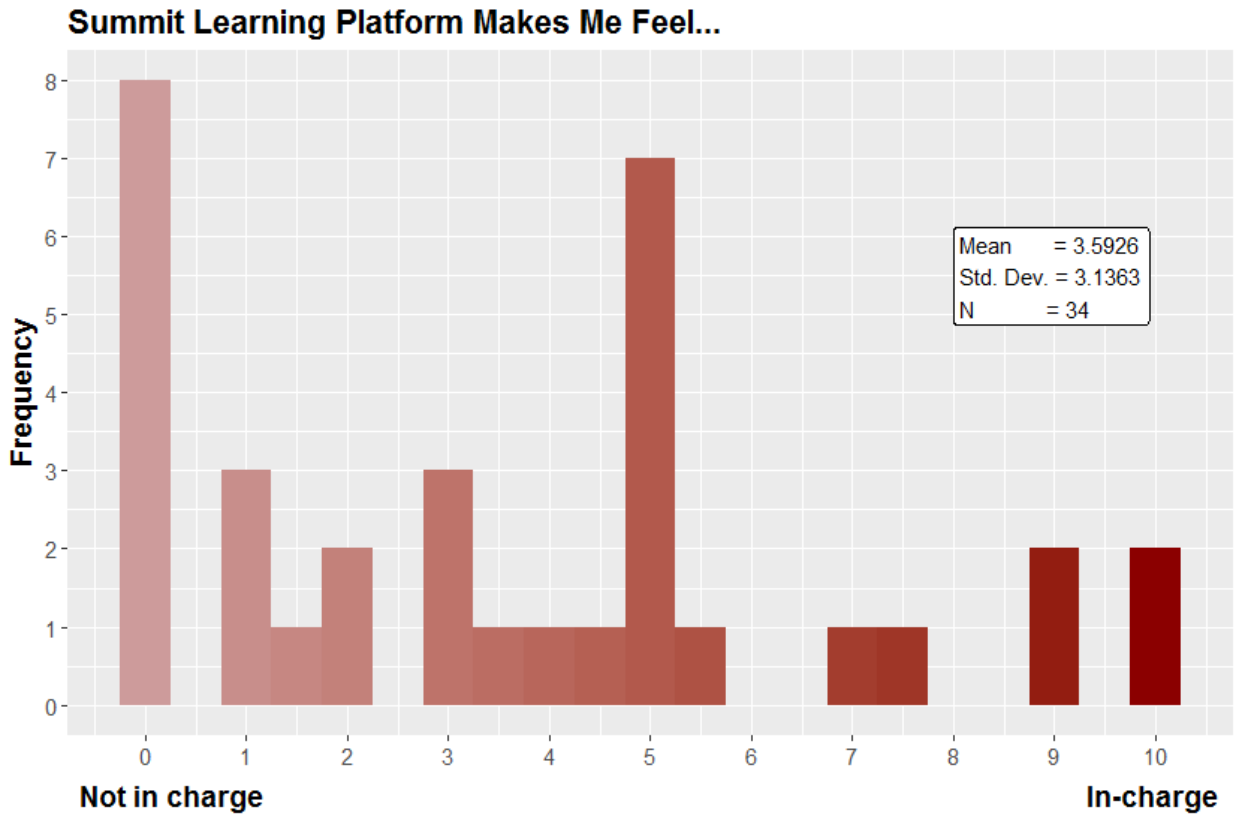

Summit Learning Platform is...
Frequency
Mean = 3.5135
Std. Dev. = 2.9039
N = 34
Not Entertaining
Entertaining

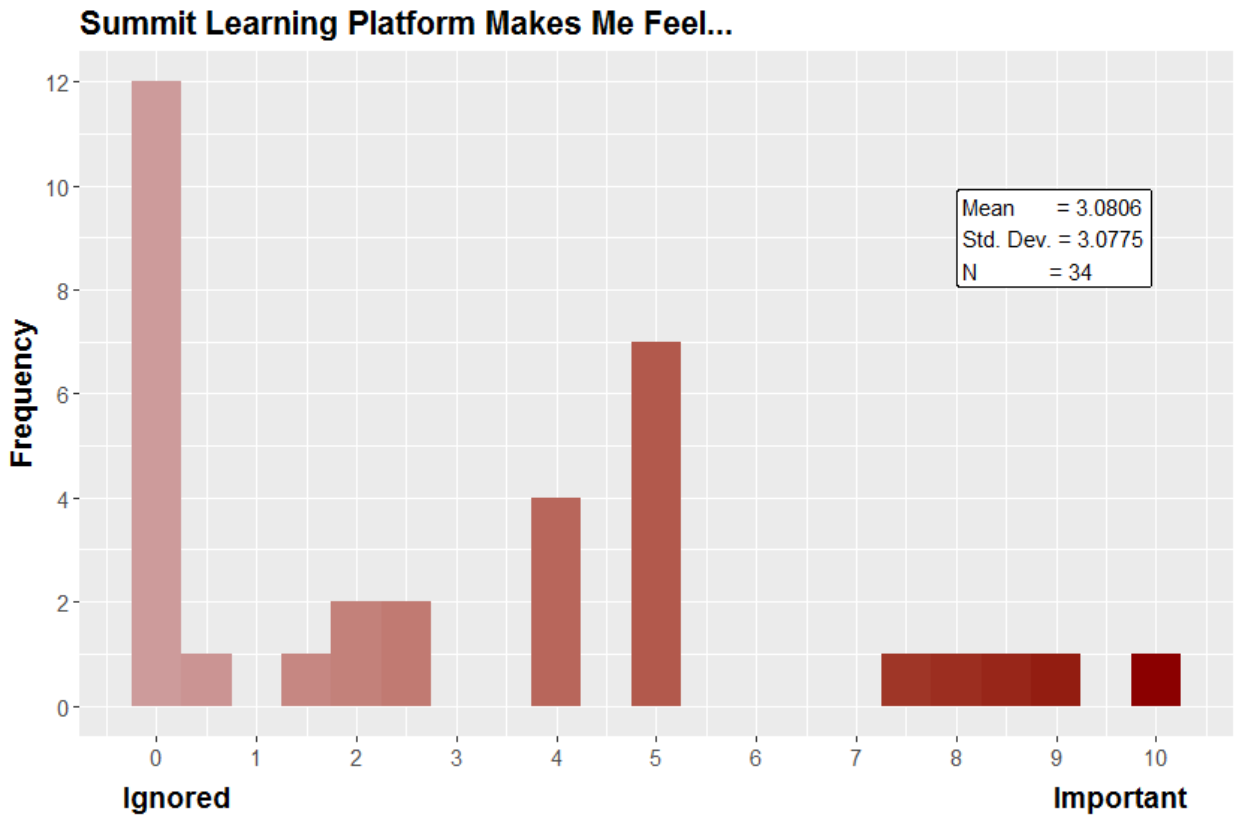

Summit Learning Platform is...
Frequency
Mean = 4.0815
Std. Dev. = 3.3397
N = 34
Uninteresting
Interesting

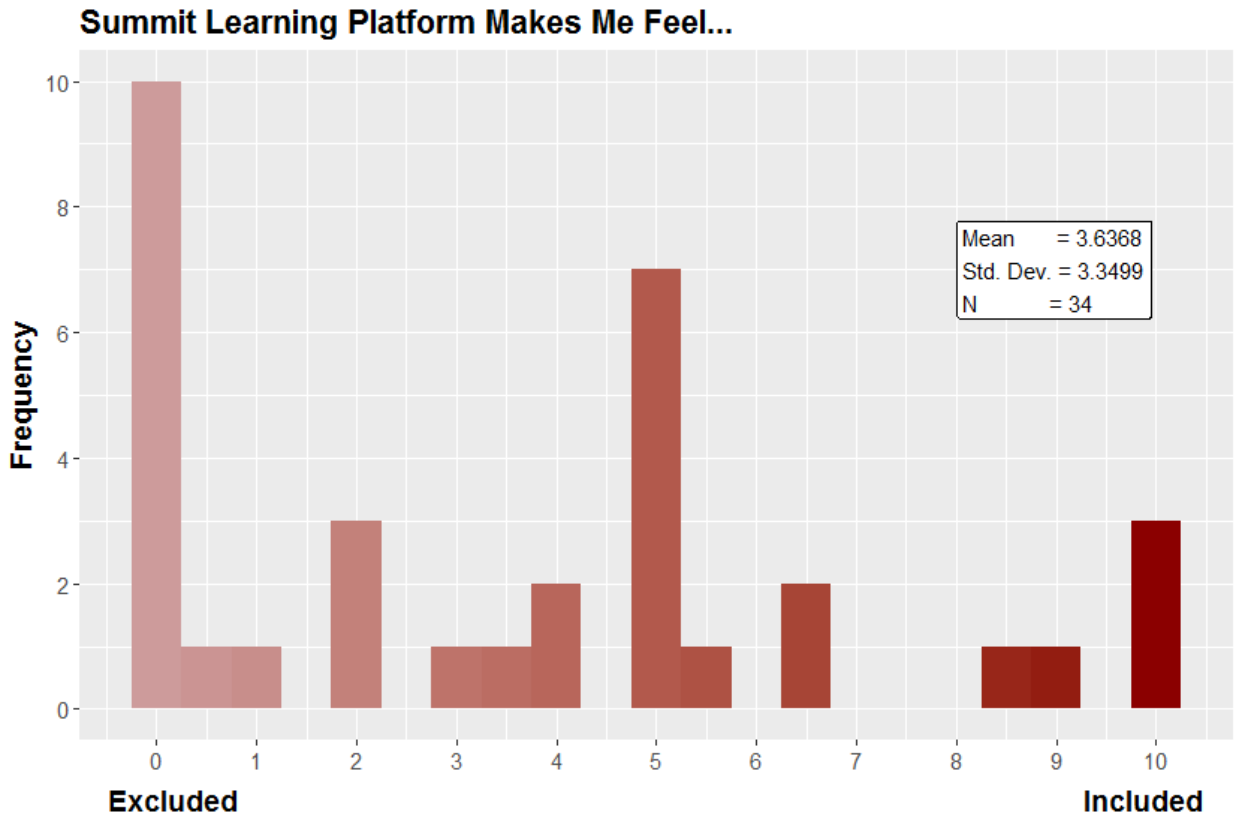

Summit Learning Platform is...
Frequency
Mean = 3.5129
Std. Dev. = 2.9538
N = 34
Tiring
Energizing

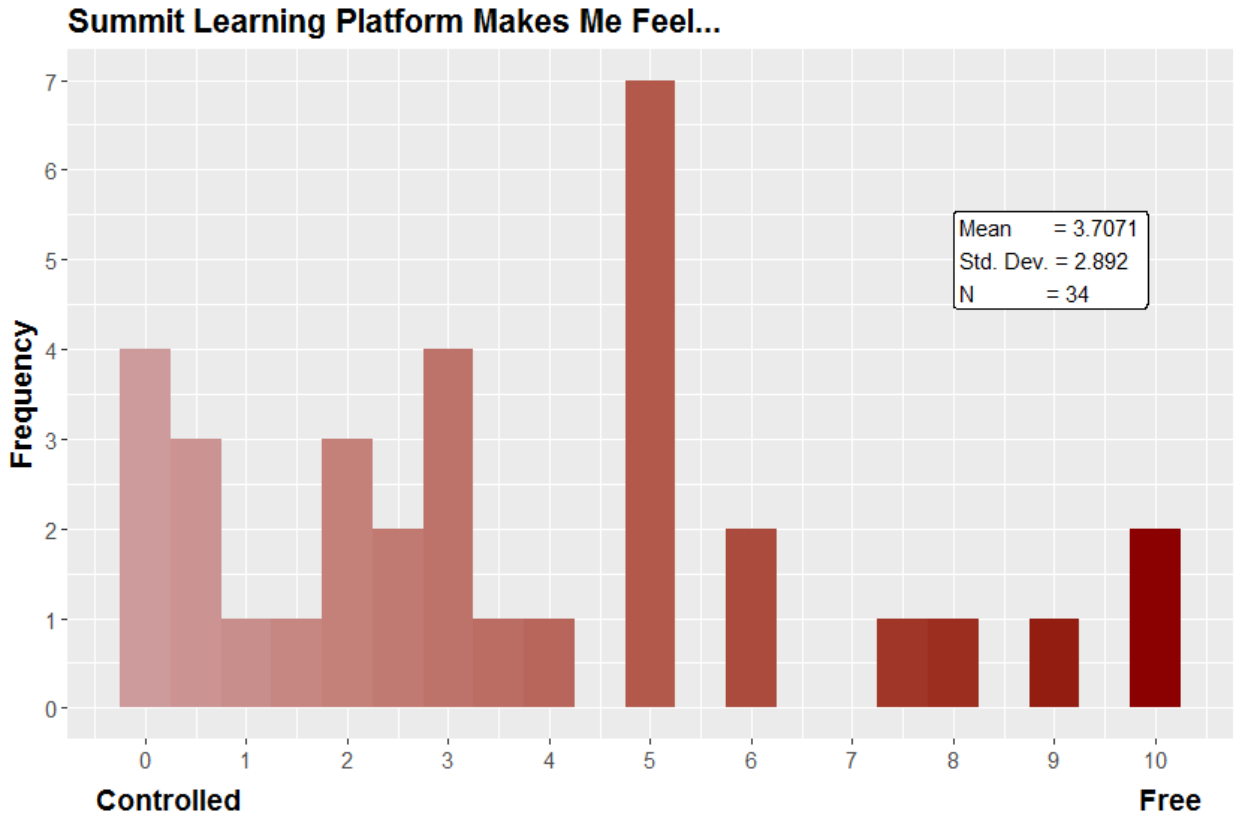

Summit Learning Platform Makes Me Feel...
Frequency
Mean = 6.1779
Std. Dev. = 2.9199
N = 34
Calm
Panicked

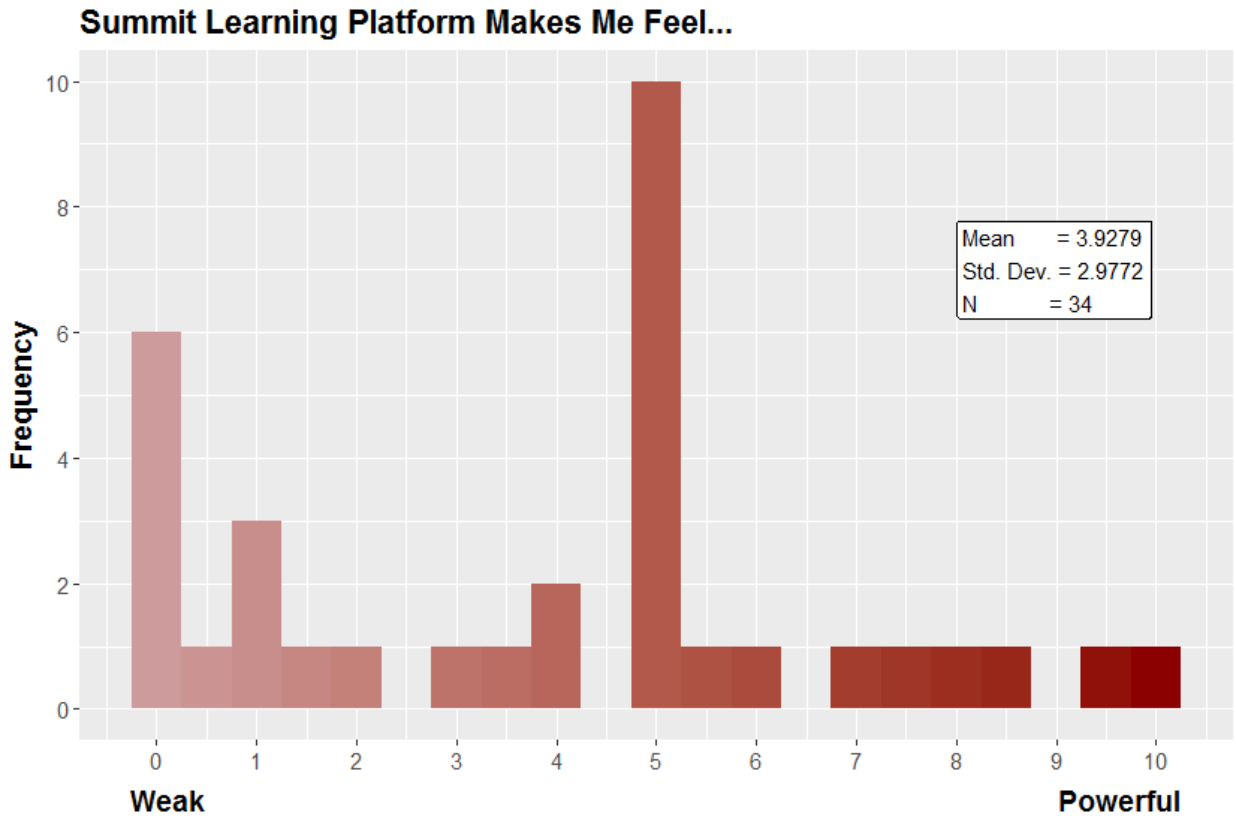

Summit Learning Platform Makes Me Feel...
Frequency
Mean = 3.6106
Std. Dev. = 3.0304
N = 34
Out-of-control
In-control

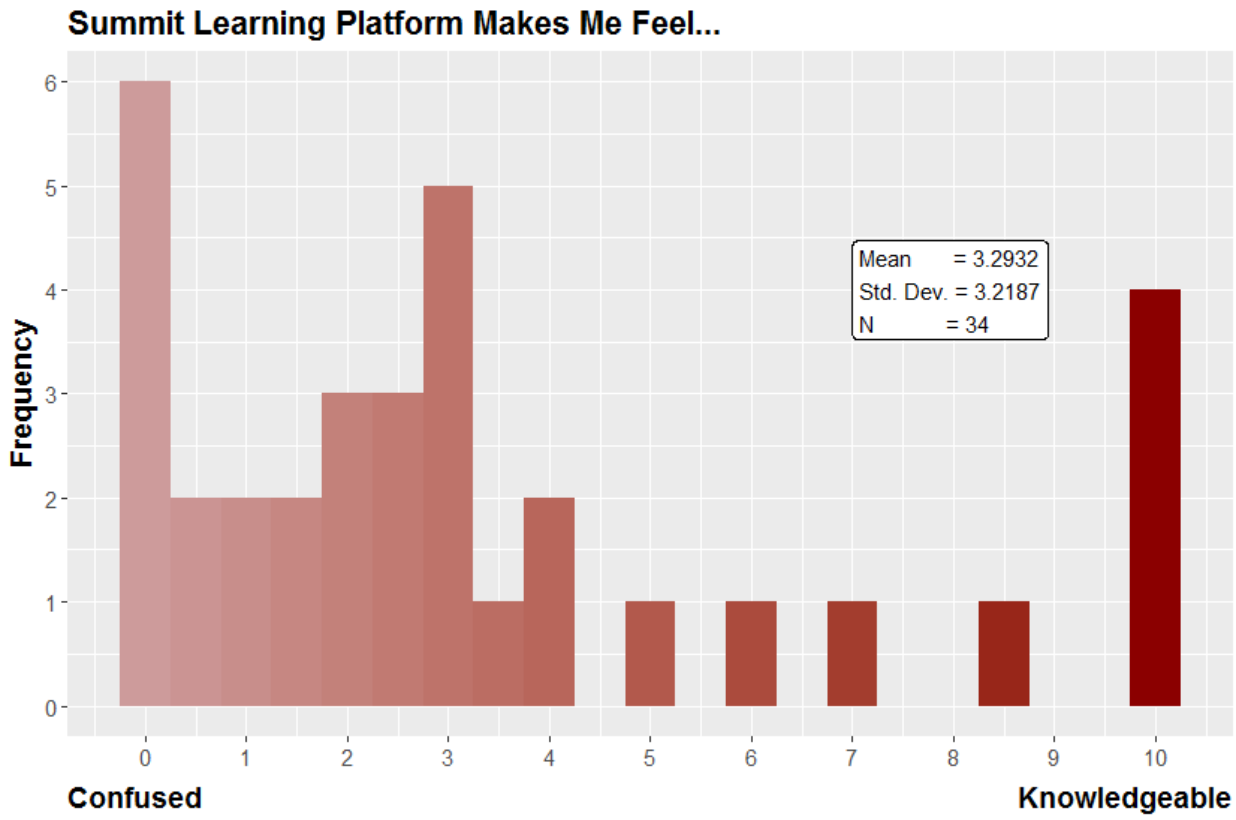

Summit Learning Platform Makes Me Feel...
Frequency
Mean = 3.5926
Std. Dev. = 3.1363
N = 34
Not in charge
In-charge


Summit Learning Platform Makes Me Feel...
Frequency
Mean = 3.0806
Std. Dev. = 3.0775
N = 34
Ignored
Important


Summit Learning Platform Makes Me Feel...
Frequency
Mean = 3.6368
Std. Dev. = 3.3499
N = 34
Excluded
Included


Summit Learning Platform Makes Me Feel...
Frequency
Mean = 3.7071
Std. Dev. = 2.892
N = 34
Controlled
Free


Summit Learning Platform Makes Me Feel...
Frequency
Mean = 3.9279
Std. Dev. = 2.9772
N = 34
Weak
Powerful

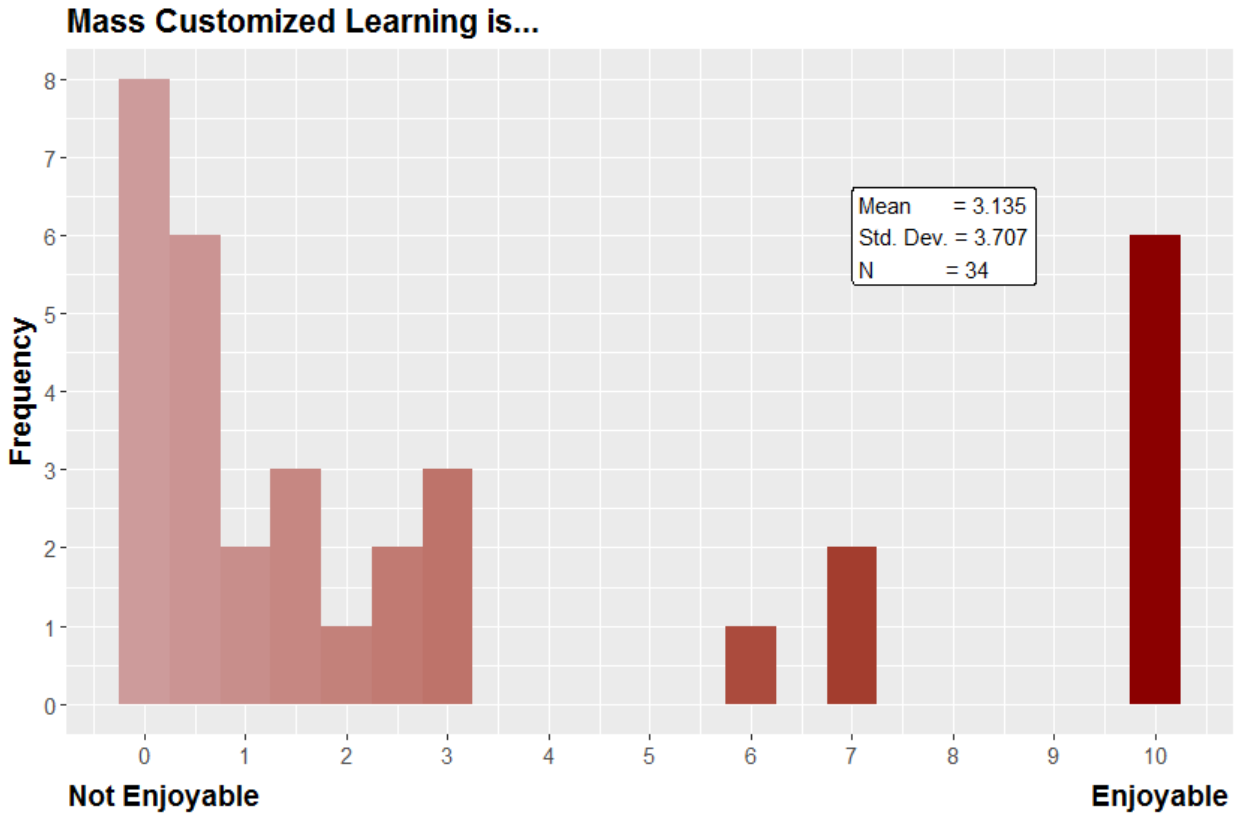

Summit Learning Platform Makes Me Feel...
Frequency
Mean = 3.2932
Std. Dev. = 3.2187
N = 34
0
1
2
3
4
5
6
Confused
Knowledgeable

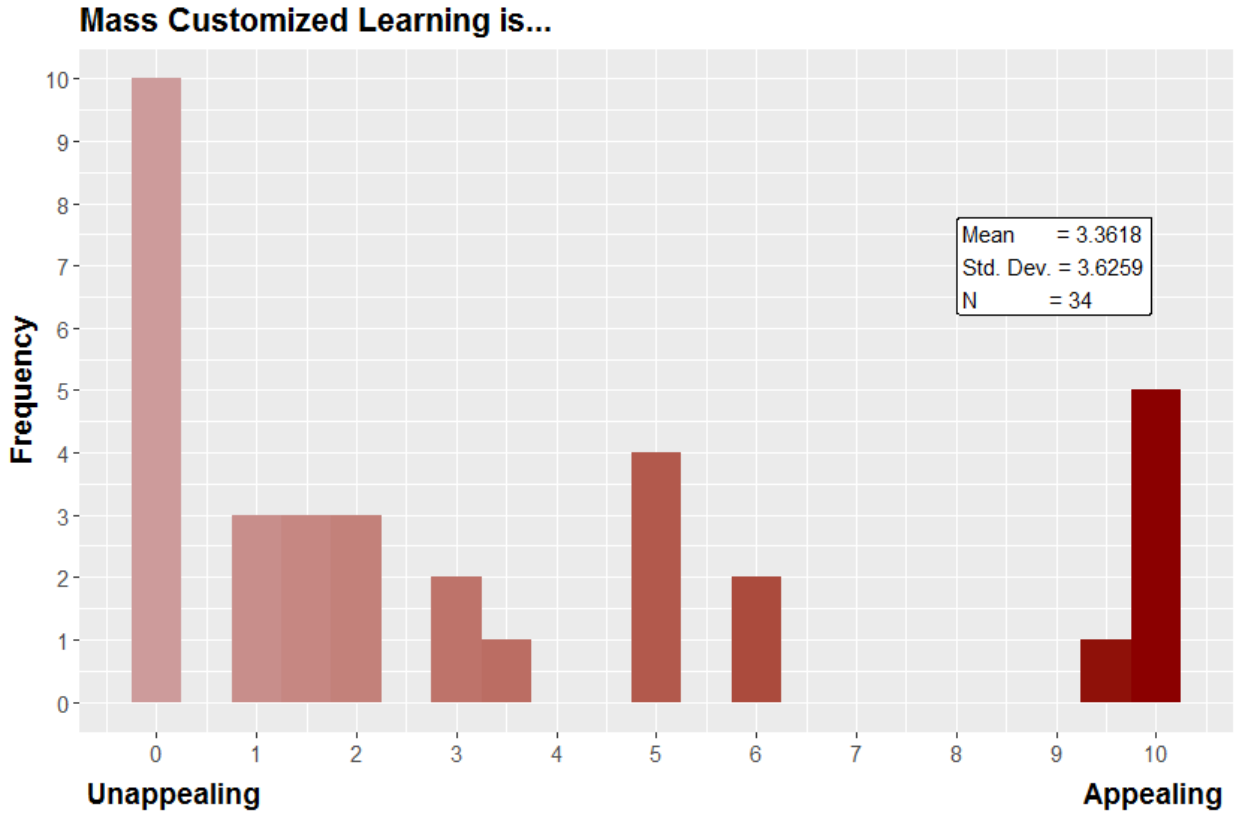
Perceptions of MCL

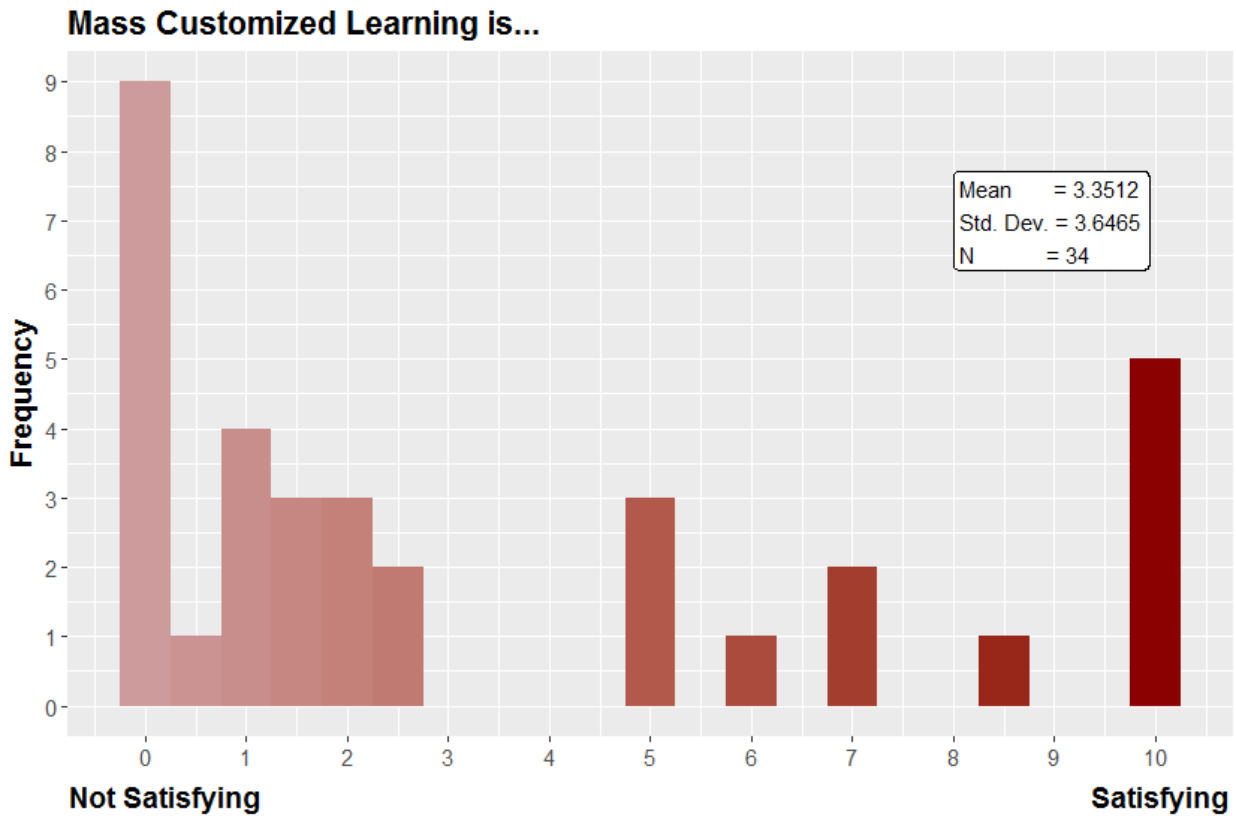
Table 2

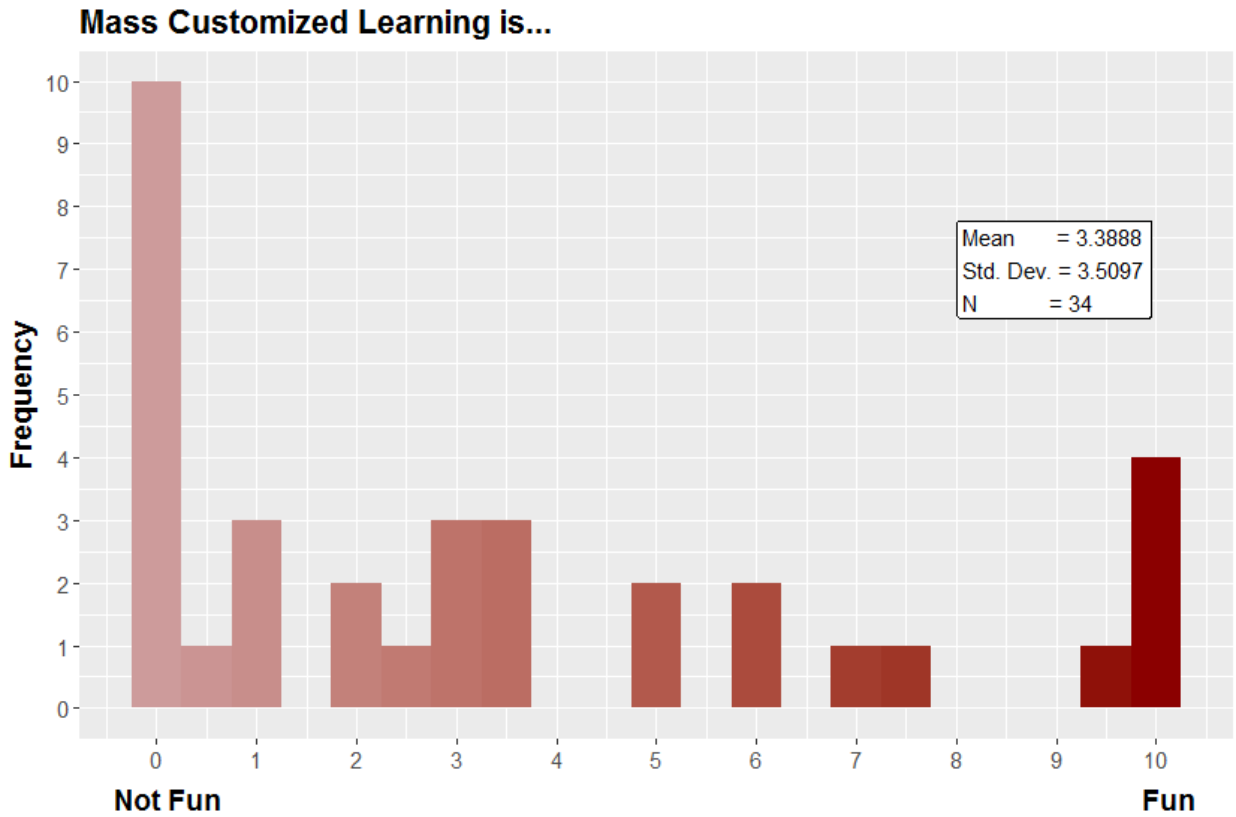
Summary of "MCL Overall" for Parents/Guardians

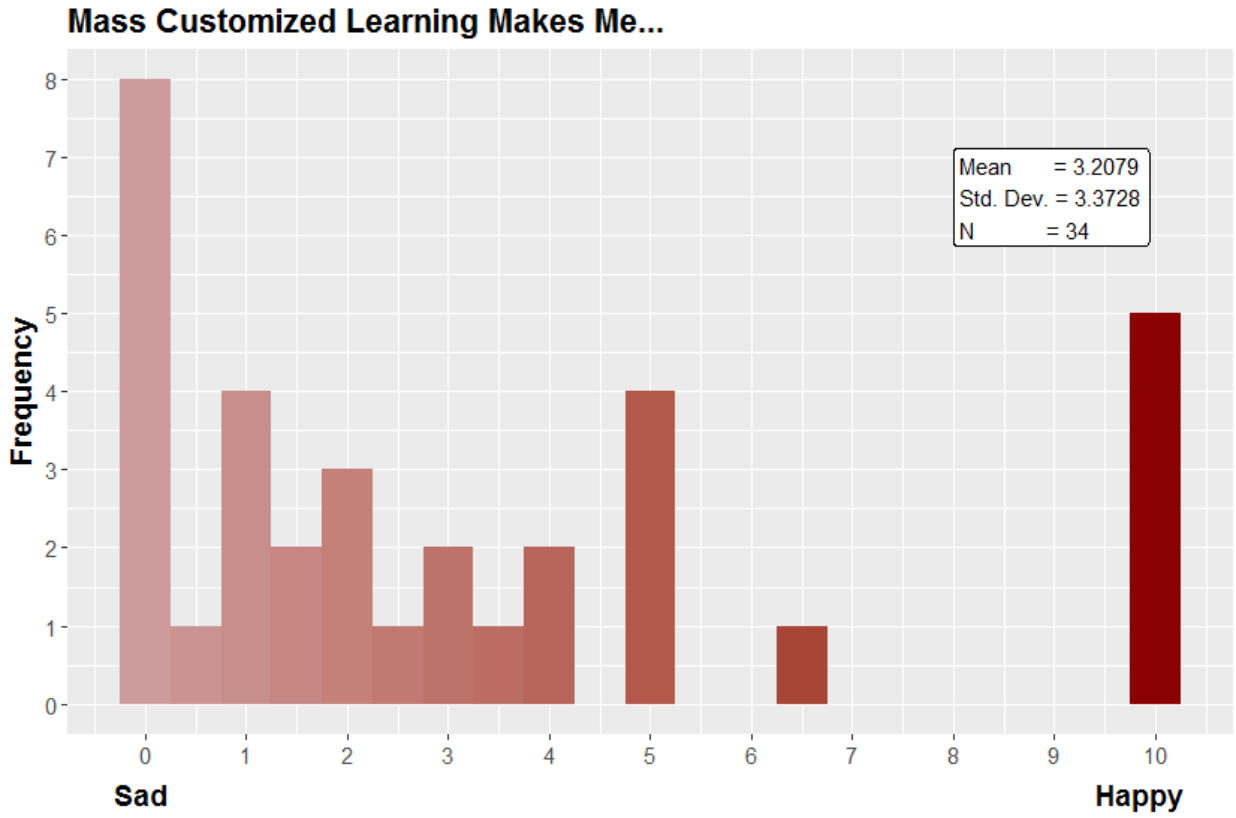
Domain	Semantic Differential	n	Mean	Median	Variance	Standard Deviation	α
Pleasure		34					.985
	Enjoyment		3.1350	1.6450	13.742	3.70698	
	Appealing		3.3618	1.9650	13.147	3.62594	
	Satisfying		3.3512	1.7650	13.297	3.64652	
	Fun		3.3888	2.6350	12.318	3.50970	
	Happy		3.2079	2.0800	11.376	3.37283	
	Pleasing		2.9253	1.2100	12.717	3.56603	
	Not Frustrating		2.9268	1.1400	13.695	3.70071	
	Appropriate		3.3788	1.8450	14.223	3.77131	
Arousal		34					.979
	Stressful		6.8259	8.1200	11.800	3.43513	
	Exciting		3.3300	1.9900	11.348	3.36866	
	Thrilling		3.3332	2.2250	11.860	3.44383	
	Wide-Awake		3.5606	2.7600	11.350	3.36894	
	Entertaining		3.7138	2.7100	11.140	3.33770	
	Interesting		3.9006	2.7150	13.207	3.63409	
	Energizing		3.3138	1.8850	11.789	3.43348	
	Panicked		6.1926	7.4700	10.845	3.29311	
Dominance		34					.978
	In Control		3.6200	2.5000	13.042	3.61139	
	In Charge		3.6679	2.1750	14.139	3.76022	
	Important		3.0624	1.8300	12.254	3.50055	
	Included		3.1865	2.1350	12.006	3.46500	
	Free		3.9109	4.4350	11.096	3.33112	
	Powerful		3.9806	3.0200	11.467	3.38634	
	Knowledgeable		3.1141	1.1850	13.642	3.69353	

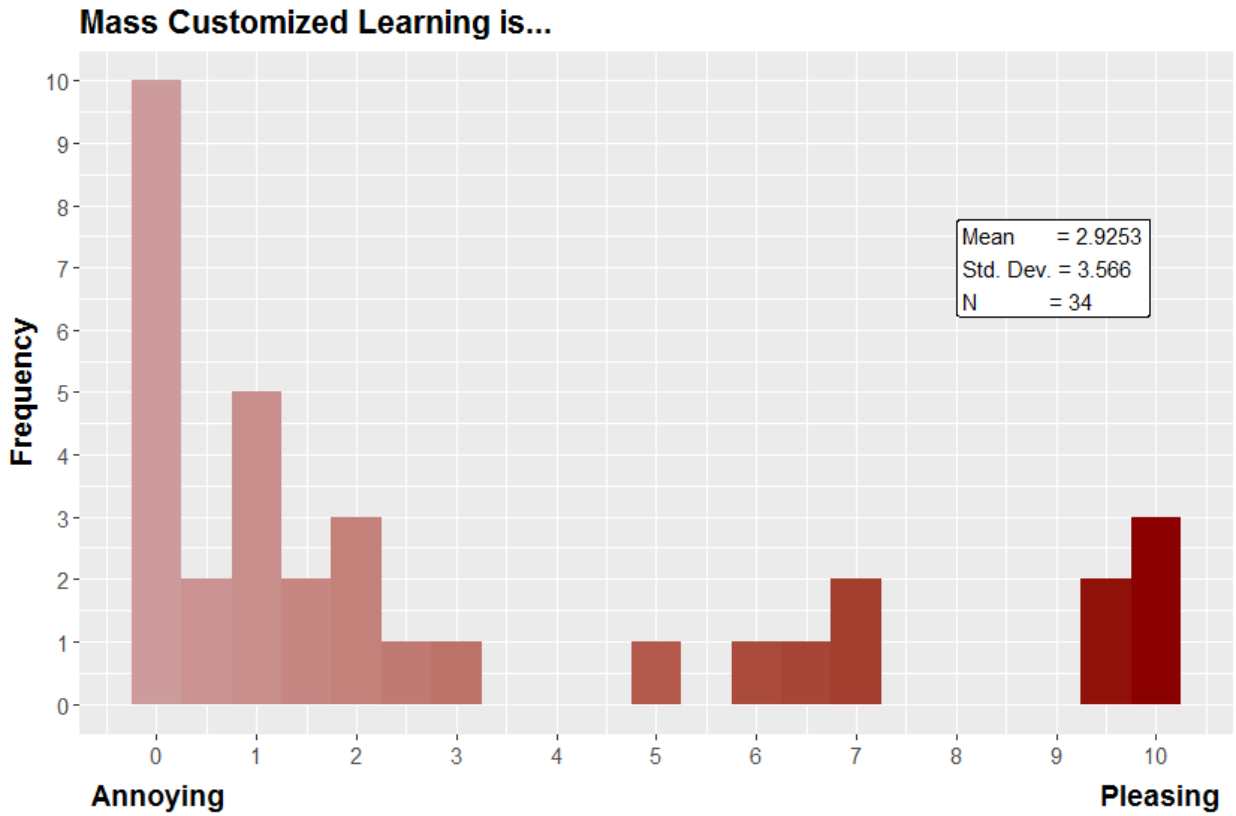

Mass Customized Learning is...
Frequency
Mean = 3.135
Std. Dev. = 3.707
N = 34
Not Enjoyable
Enjoyable

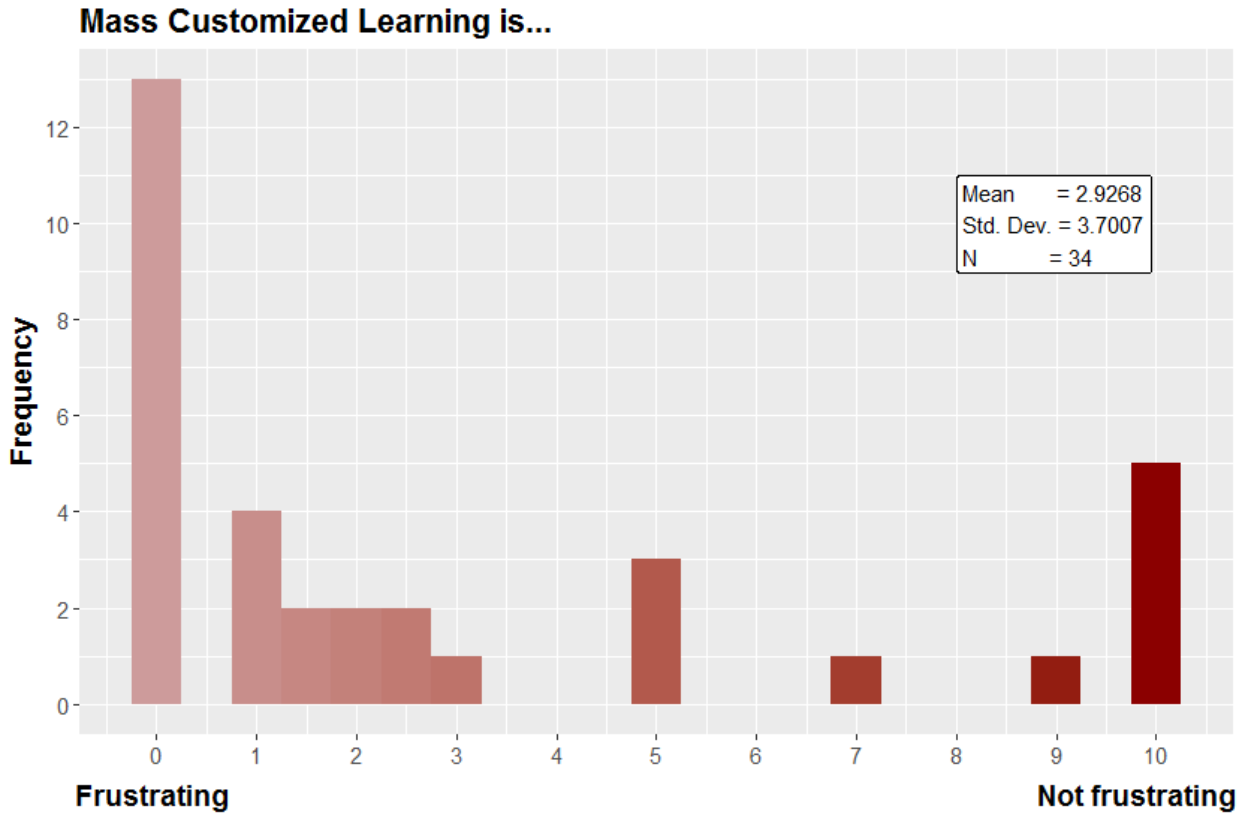

Mass Customized Learning is...
Frequency
Mean = 3.3618
Std. Dev. = 3.6259
N = 34
Unappealing
Appealing

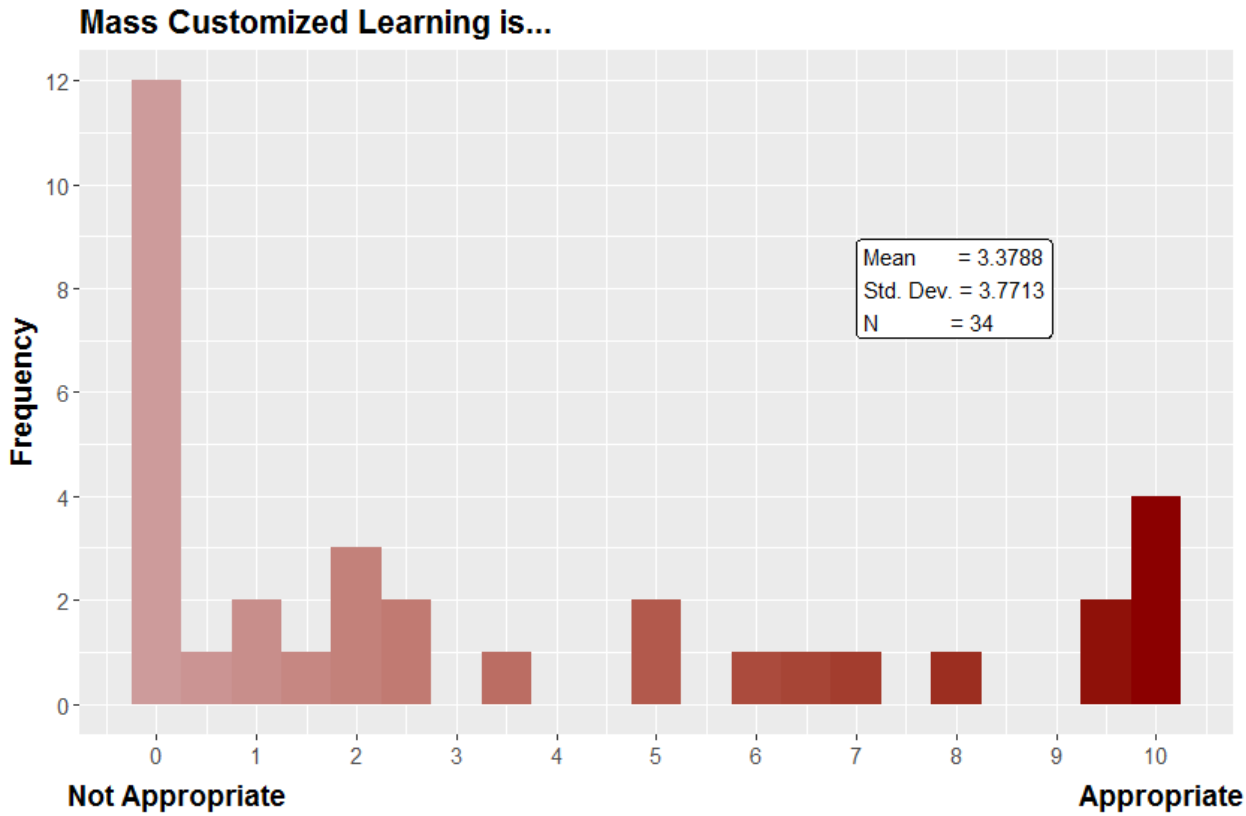

Mass Customized Learning is...
Mean = 3.3512
Std. Dev. = 3.6465
N = 34
Frequency
0 1 2 3 4 5 6 7 8 9
0 1 2 3 4 5 6 7 8 9 10
Not Satisfying
Satisfying

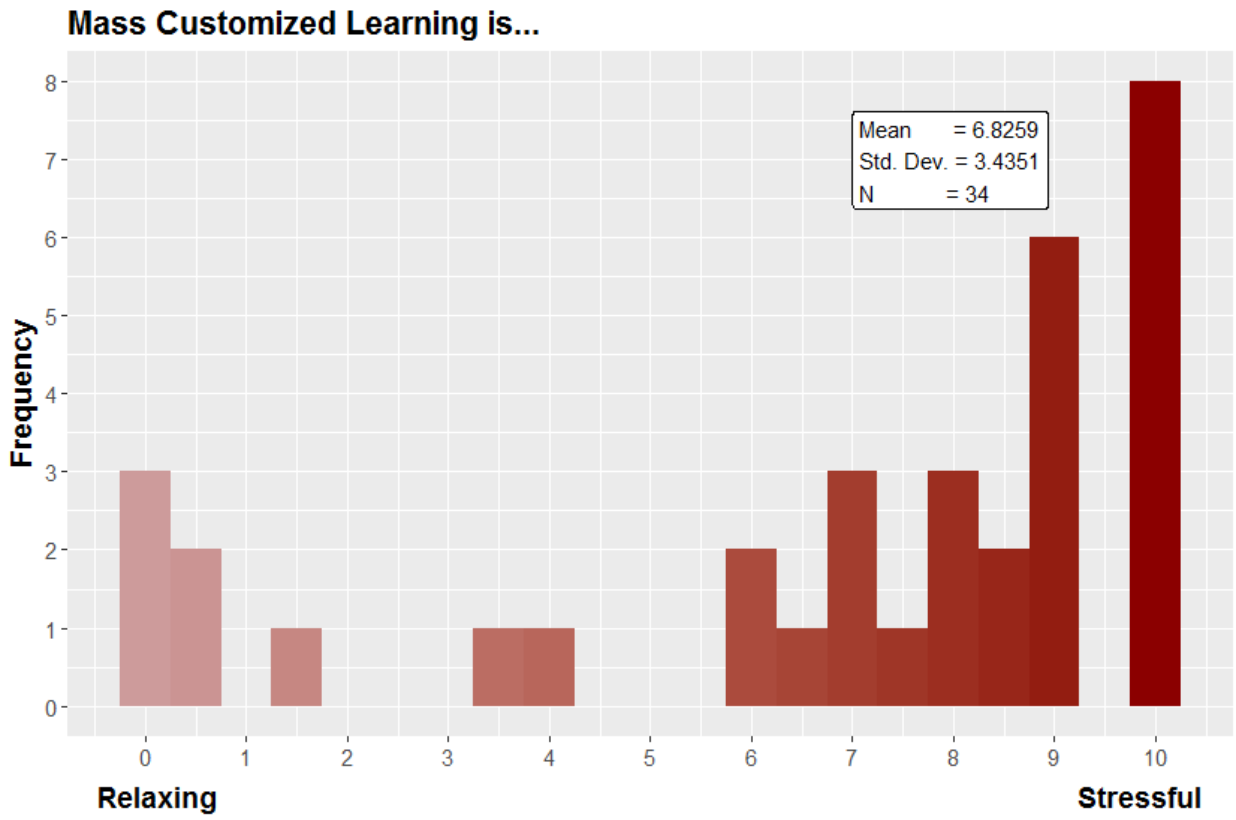

Mass Customized Learning is...
Mean = 3.3888
Std. Dev. = 3.5097
N = 34
Frequency
0 1 2 3 4 5 6 7 8 9 10
0 1 2 3 4 5 6 7 8 9 10
Not Fun
Fun

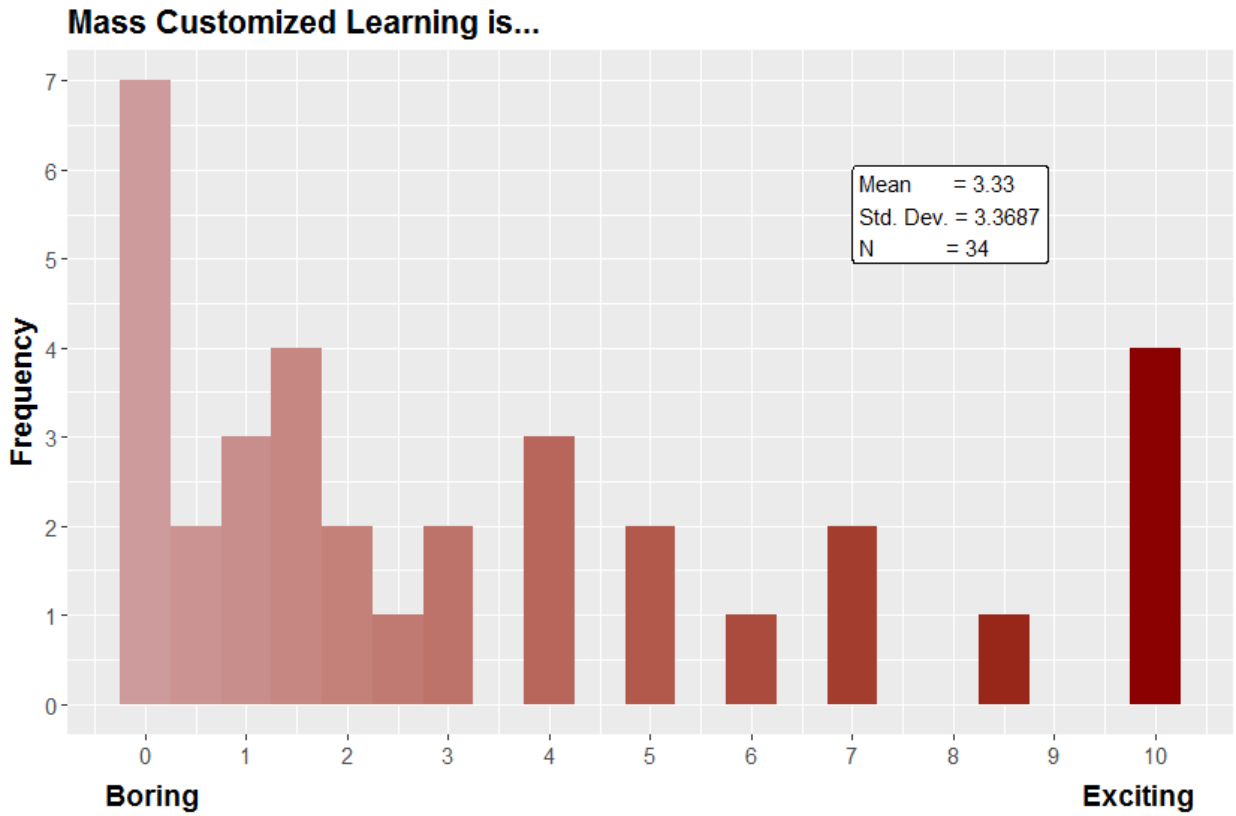

Mass Customized Learning Makes Me...
Mean = 3.2079
Std. Dev. = 3.3728
N = 34
Frequency
0
1
2
3
4
5
6
7
8
9
10
Sad
Happy

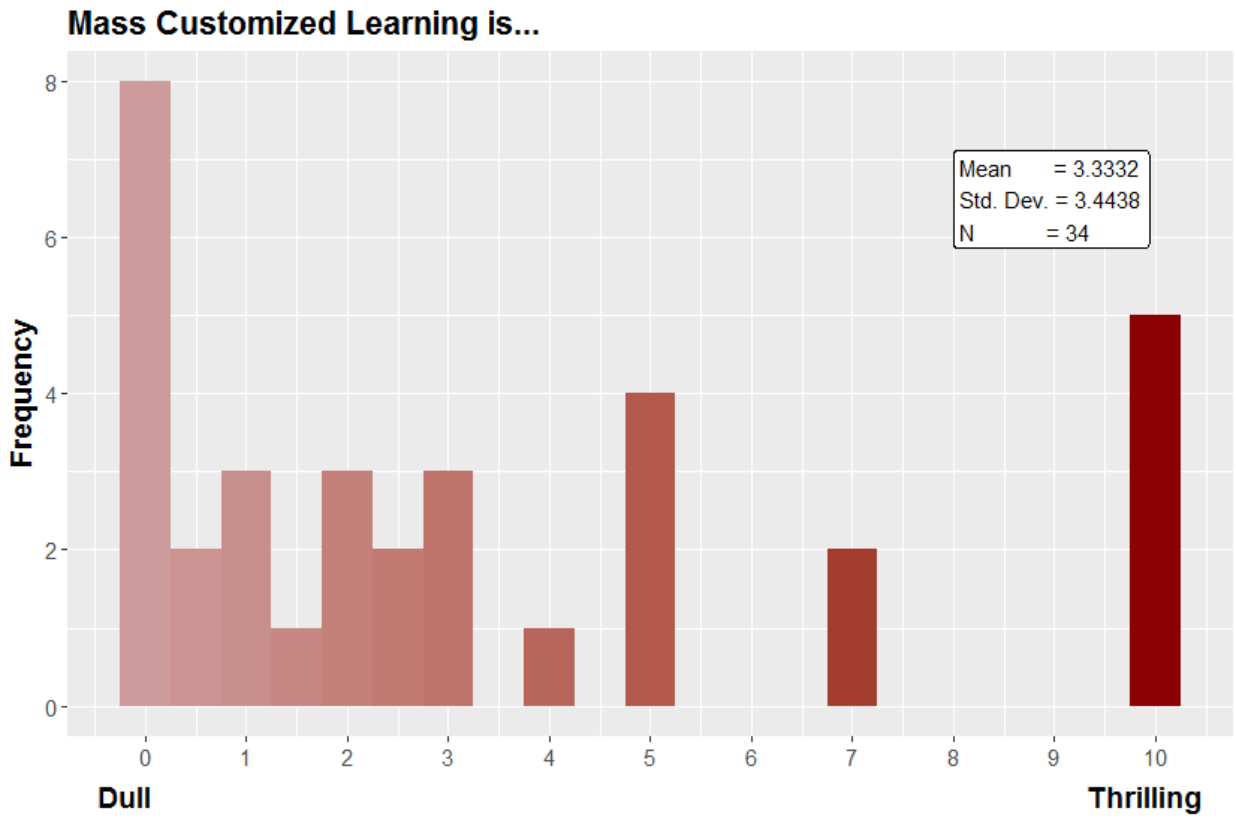

Mass Customized Learning is...
Mean = 2.9253
Std. Dev. = 3.566
N = 34
Frequency
0
1
2
3
4
5
6
7
8
9
10
Annoying
Pleasing

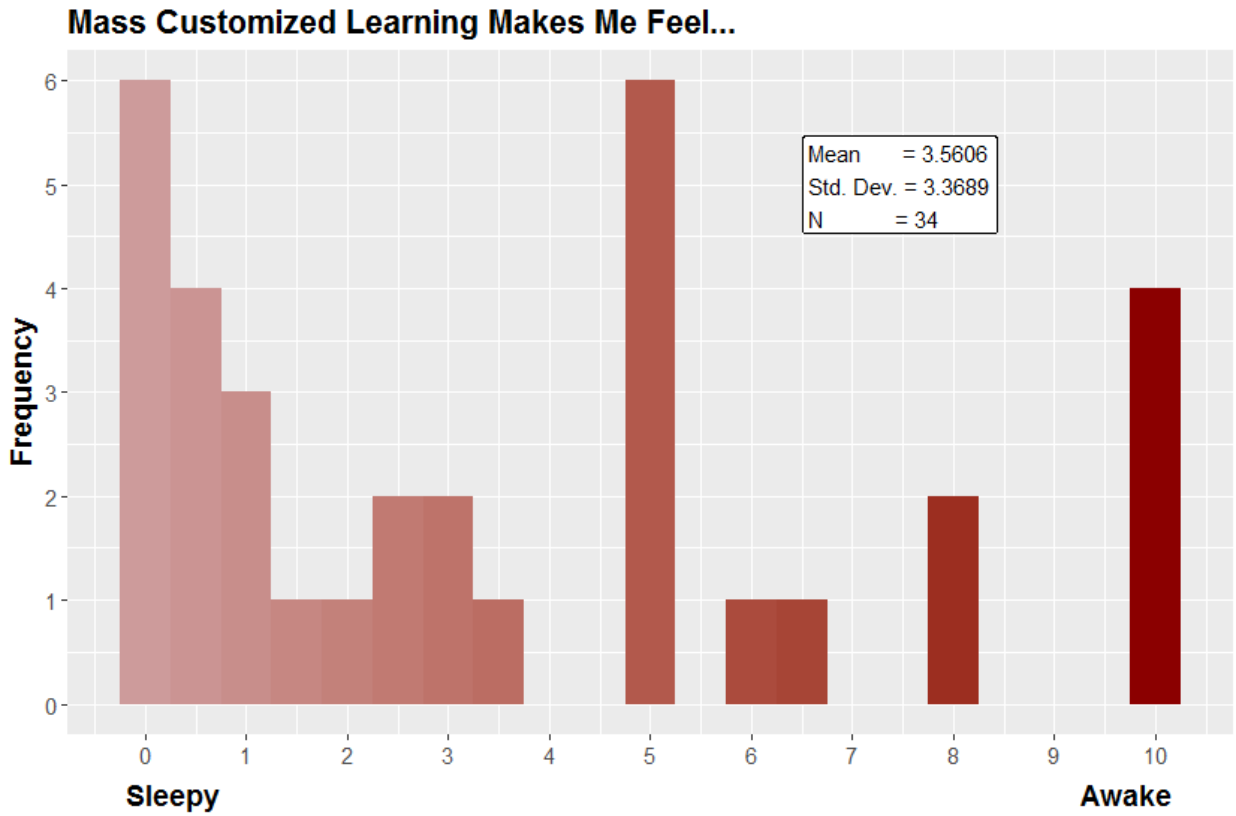

Mass Customized Learning is...
Mean = 2.9268
Std. Dev. = 3.7007
N = 34
Frequency
0
2
4
6
8
10
12
0
1
2
3
4
5
6
7
8
9
10
Frustrating
Not frustrating

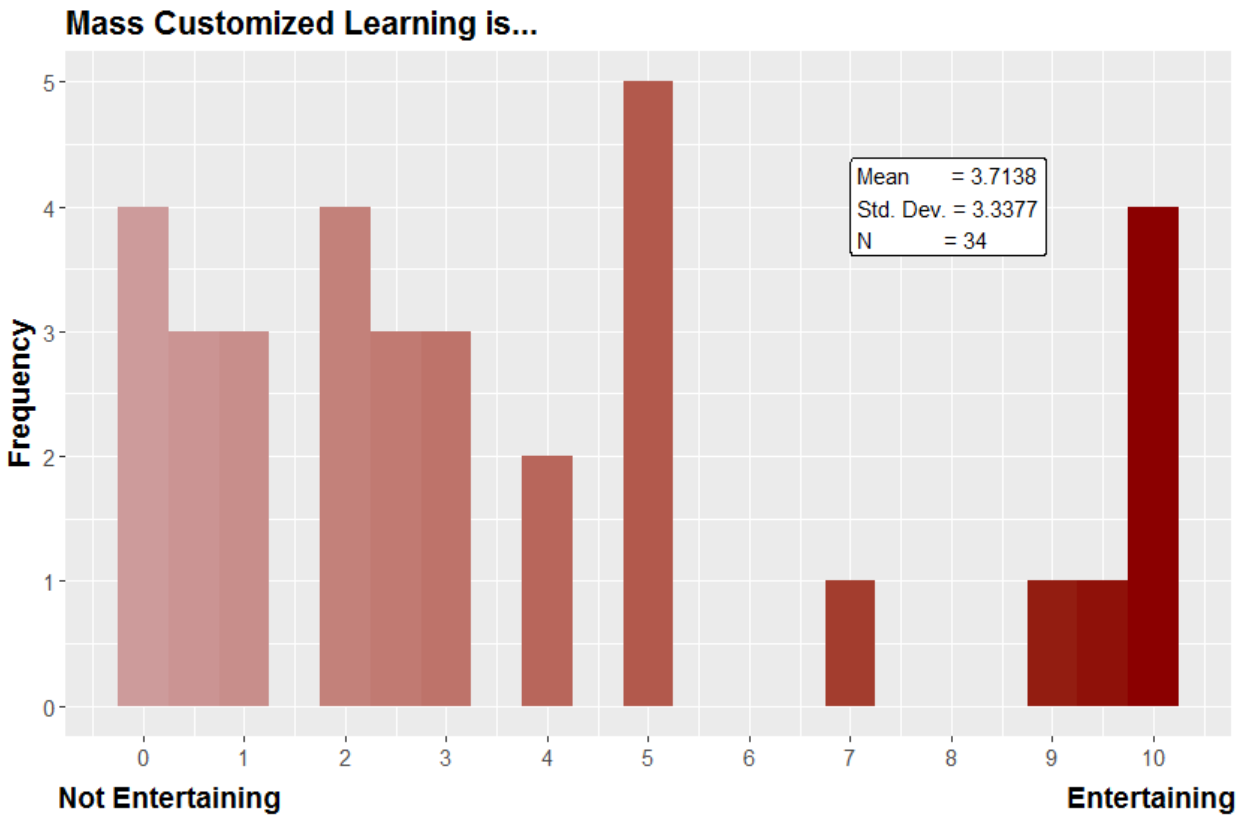

Mass Customized Learning is...
Mean = 3.3788
Std. Dev. = 3.7713
N = 34
Frequency
0
2
4
6
8
10
12
0
1
2
3
4
5
6
7
8
9
10
Not Appropriate
Appropriate

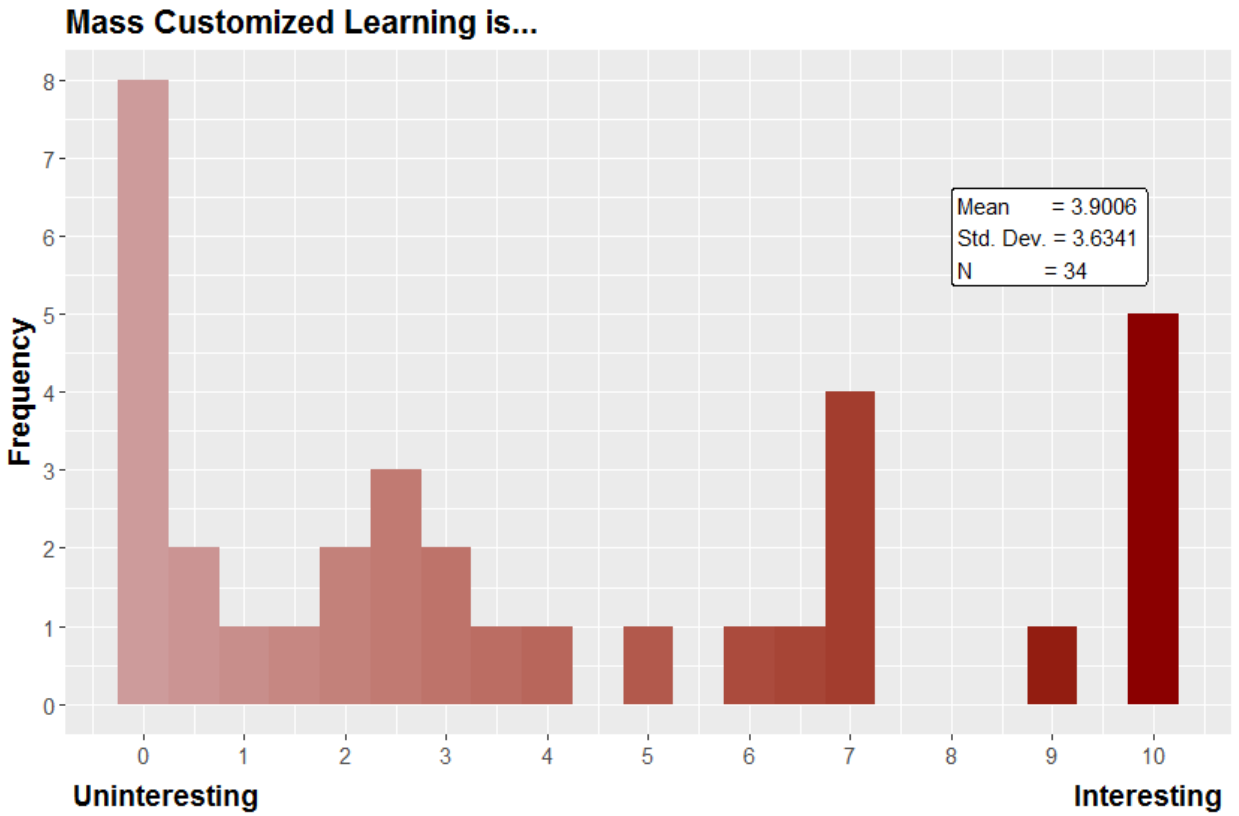

Mass Customized Learning is...
Mean = 6.8259
Std. Dev. = 3.4351
N = 34
Frequency
0
1
2
3
4
5
6
7
8
9
10
Relaxing
Stressful

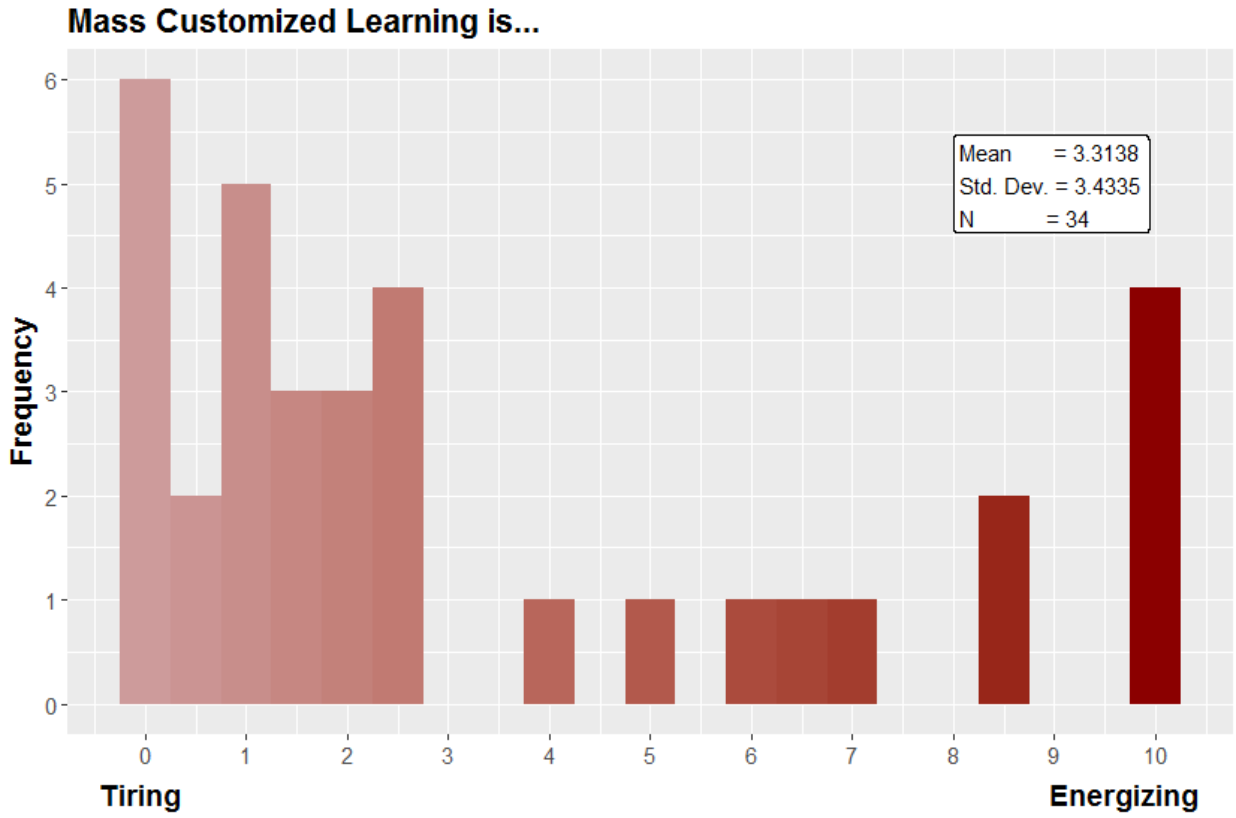

Mass Customized Learning is...
Mean = 3.33
Std. Dev. = 3.3687
N = 34
Frequency
0
1
2
3
4
5
6
7
8
9
10
Boring
Exciting

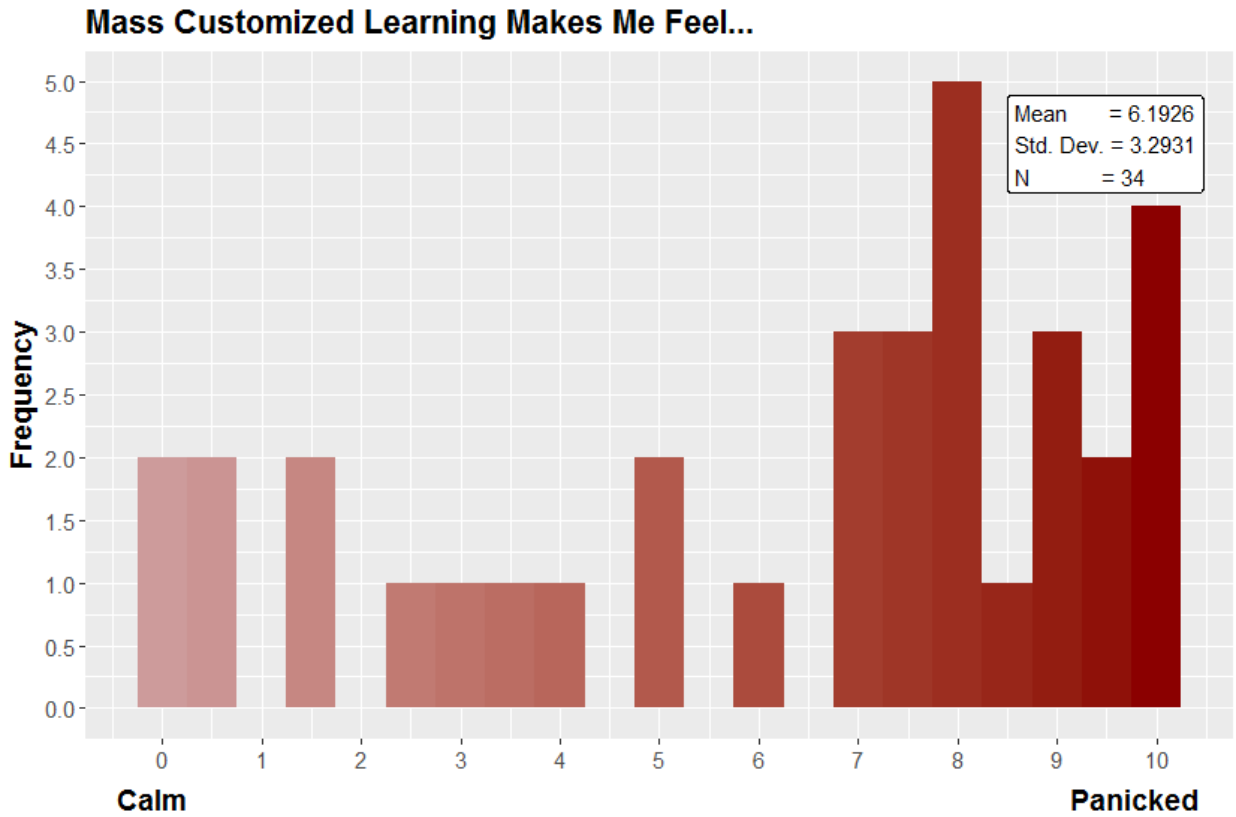

Mass Customized Learning is...
Mean = 3.3332
Std. Dev. = 3.4438
N = 34
Frequency
0
2
4
6
8
0 1 2 3 4 5 6 7 8 9 10
Dull
Thrilling

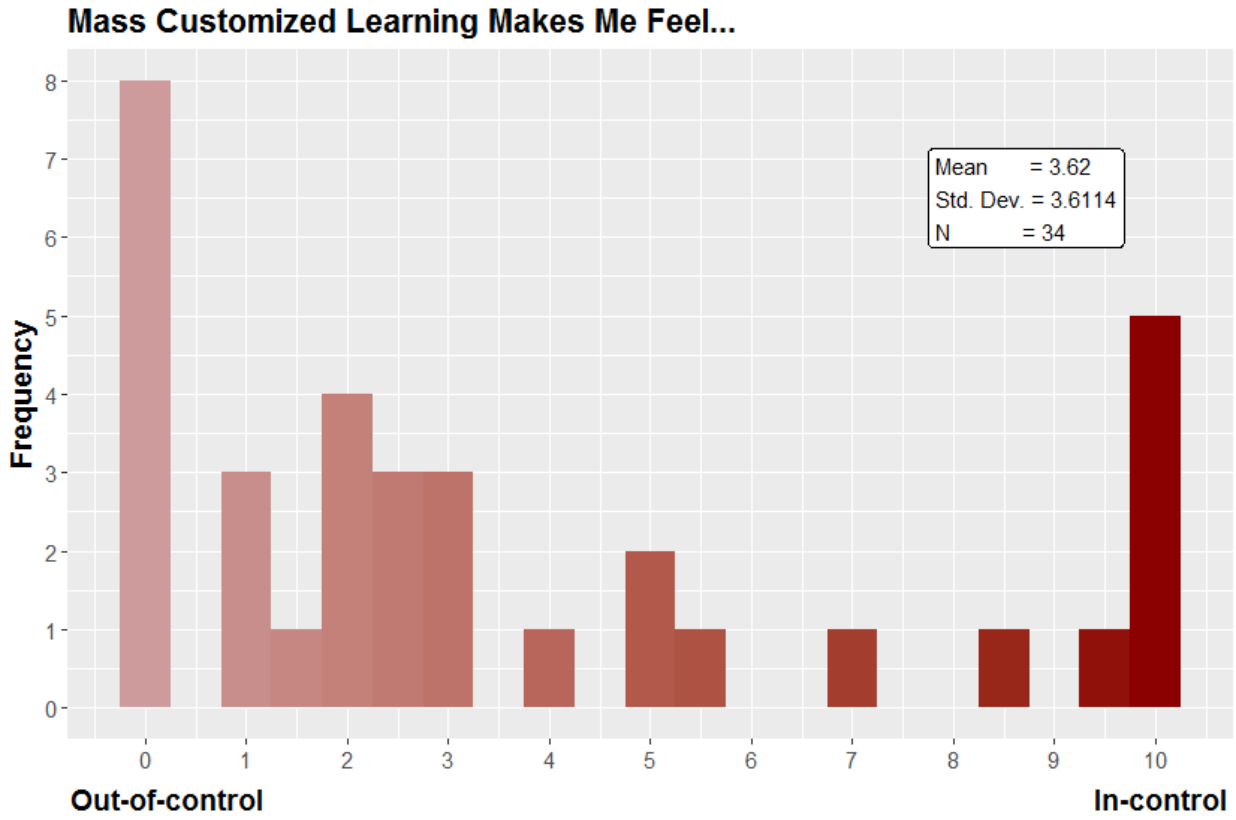

Mass Customized Learning Makes Me Feel...
Mean = 3.5606
Std. Dev. = 3.3689
N = 34
Frequency
0
1
2
3
4
5
6
0 1 2 3 4 5 6 7 8 9 10
Sleepy
Awake

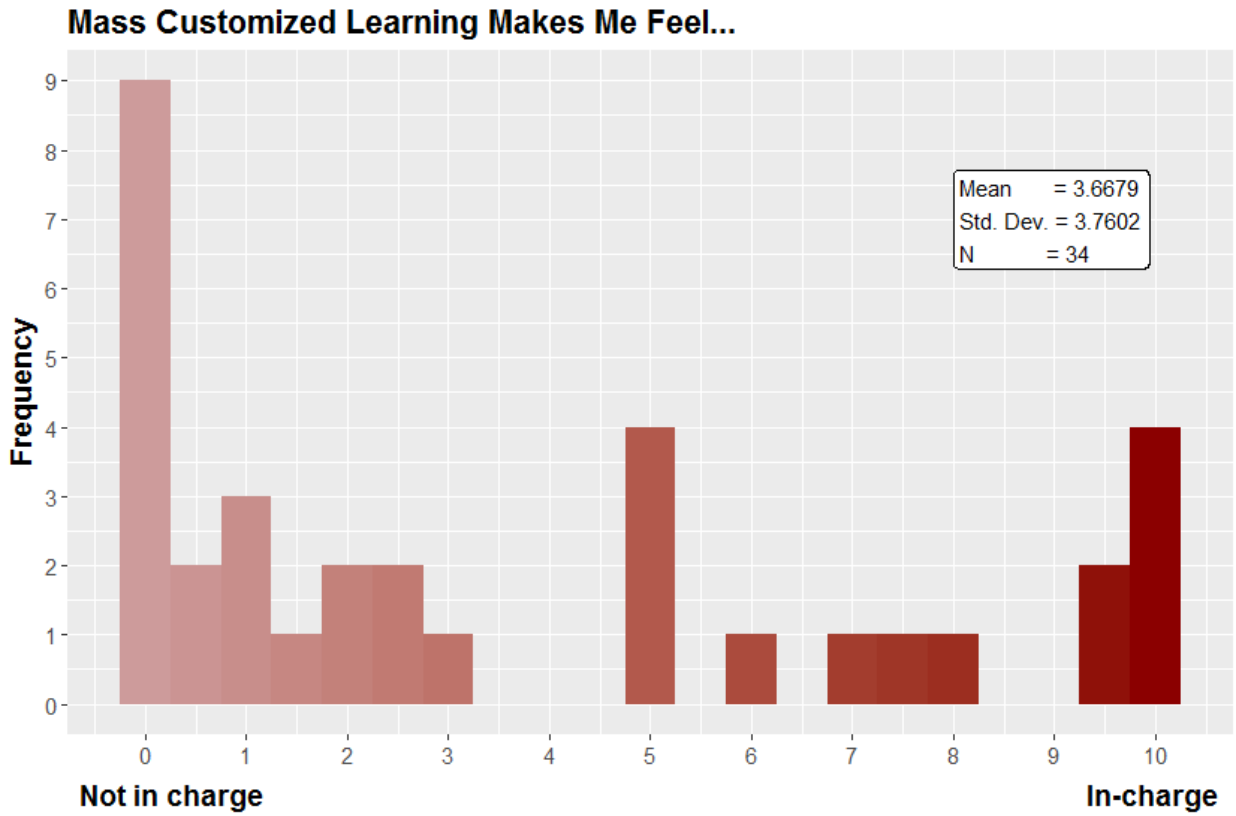

Mass Customized Learning is...
Mean = 3.7138
Std. Dev. = 3.3377
N = 34
Frequency
0
1
2
3
4
5
0 1 2 3 4 5 6 7 8 9 10
Not Entertaining
Entertaining

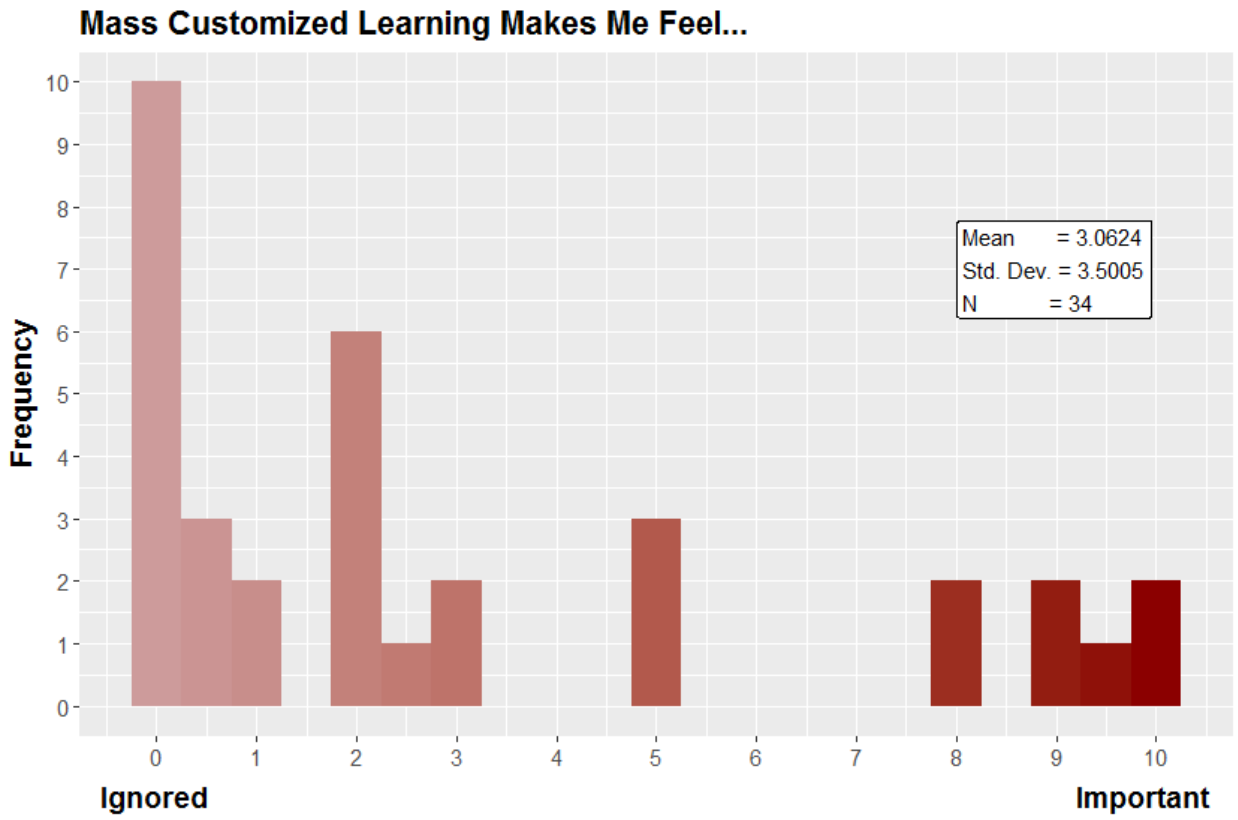

Mass Customized Learning is...
Mean = 3.9006
Std. Dev. = 3.6341
N = 34
Frequency
0
1
2
3
4
5
6
7
8
0 1 2 3 4 5 6 7 8 9 10
Uninteresting
Interesting

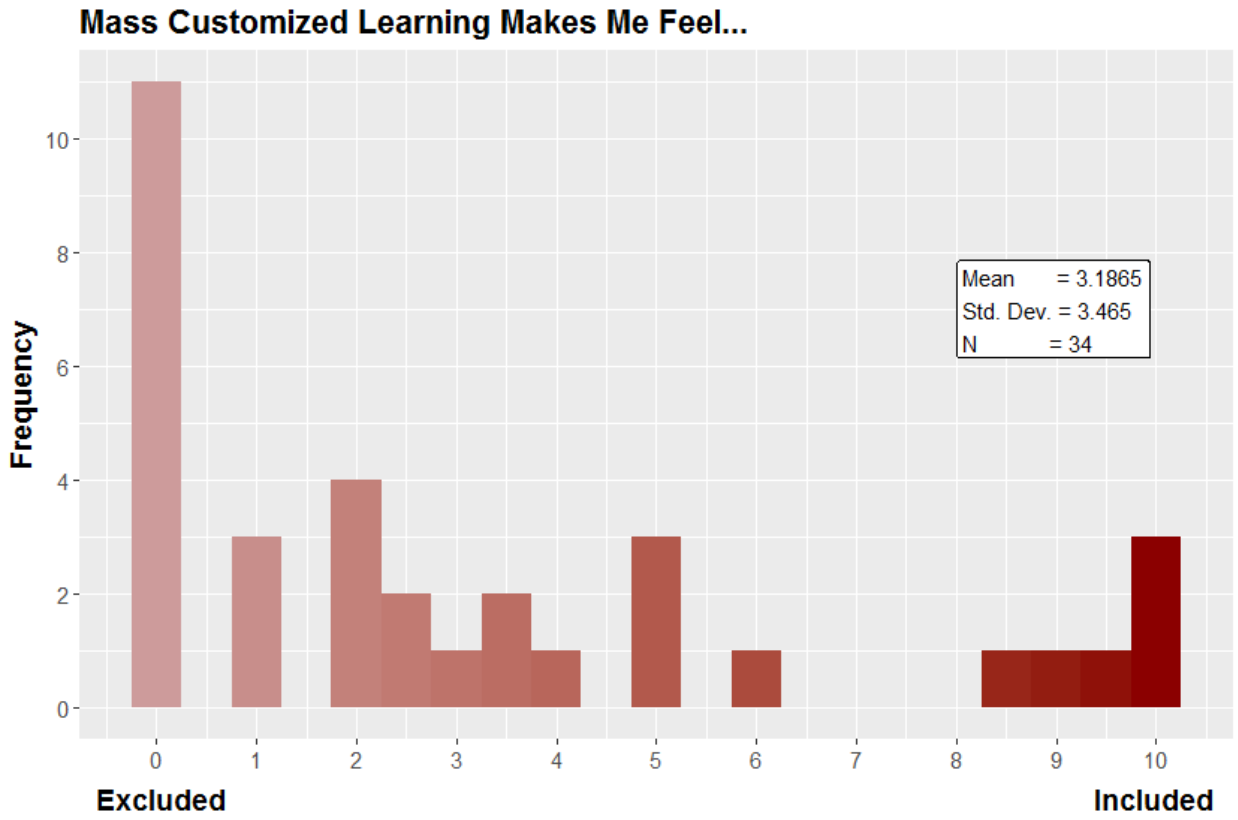

Mass Customized Learning is...
Mean = 3.3138
Std. Dev. = 3.4335
N = 34
Frequency
0
1
2
3
4
5
6
0
1
2
3
4
5
6
7
8
9
10
Tiring
Energizing

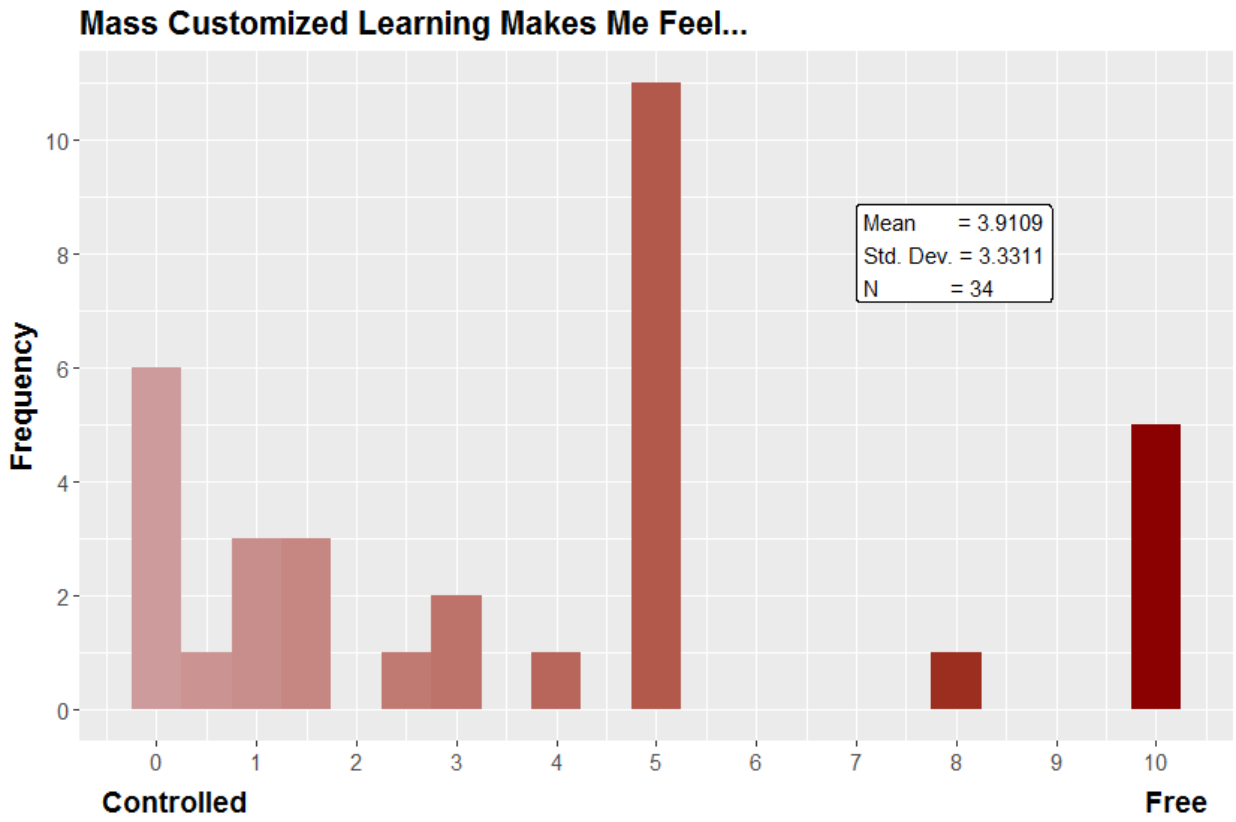

Mass Customized Learning Makes Me Feel...
Mean = 6.1926
Std. Dev. = 3.2931
N = 34
Frequency
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
4.5
5.0
0
1
2
3
4
5
6
7
8
9
10
Calm
Panicked

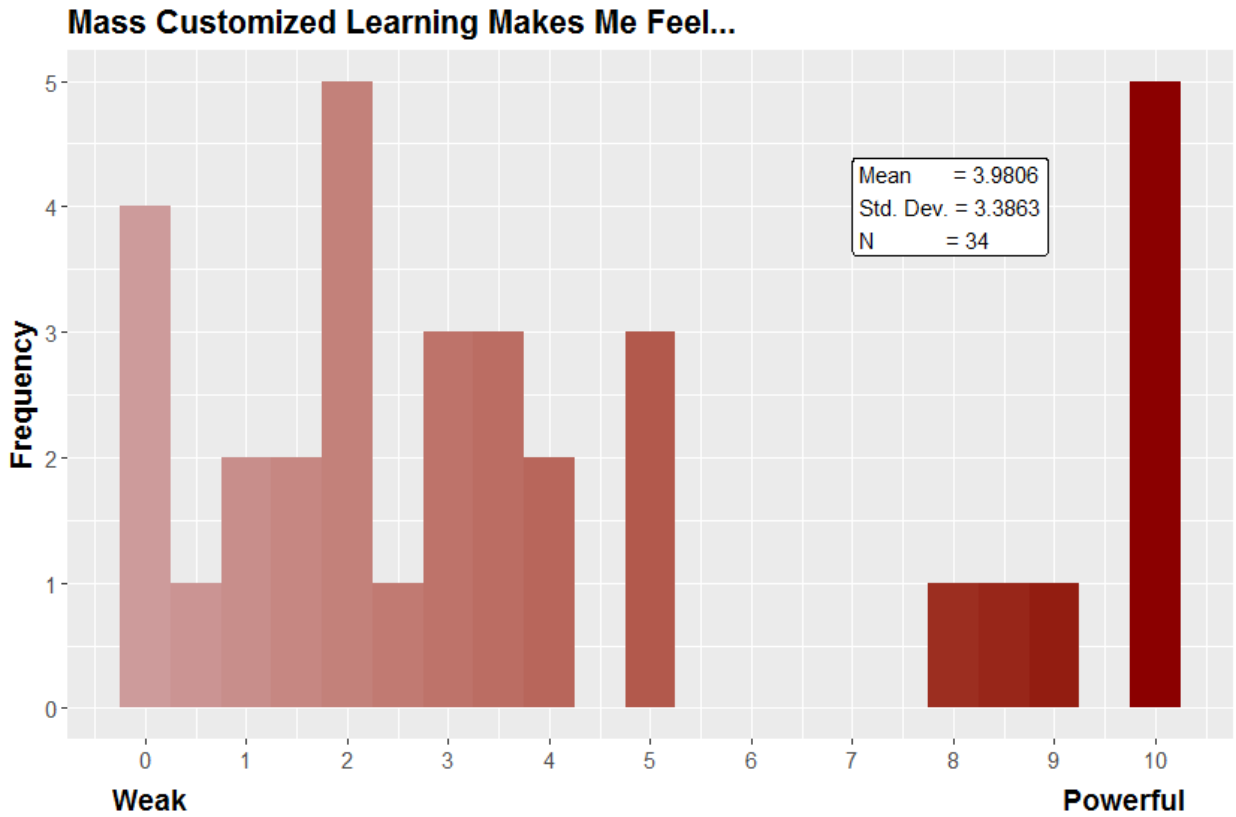

Mass Customized Learning Makes Me Feel...
Mean = 3.62
Std. Dev. = 3.6114
N = 34
Frequency
0
1
2
3
4
5
6
7
8
9
10
Out-of-control
In-control

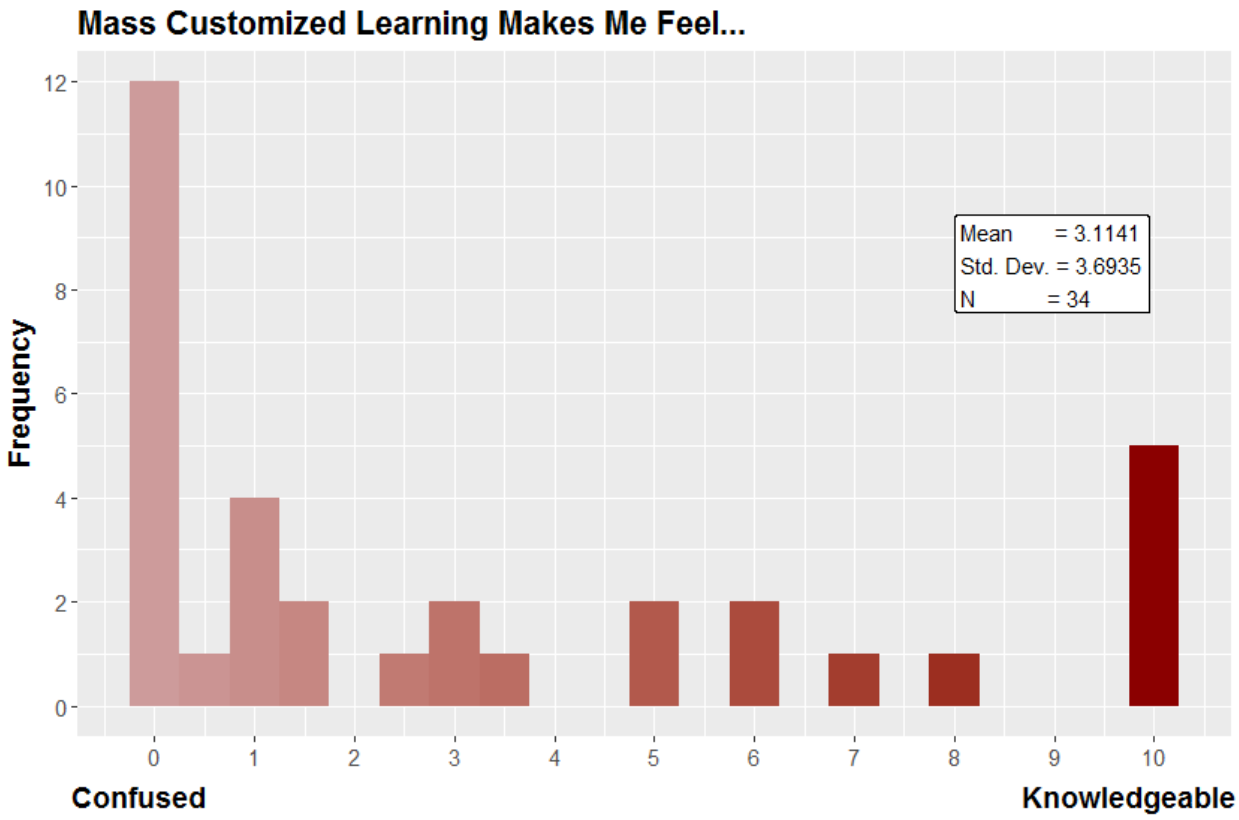

Mass Customized Learning Makes Me Feel...
Mean = 3.6679
Std. Dev. = 3.7602
N = 34
Frequency
0
1
2
3
4
5
6
7
8
9
10
Not in charge
In-charge


Mass Customized Learning Makes Me Feel...
Frequency
Mean = 3.0624
Std. Dev. = 3.5005
N = 34
Ignored
Important


Mass Customized Learning Makes Me Feel...
Frequency
Mean = 3.1865
Std. Dev. = 3.465
N = 34
Excluded
Included


Mass Customized Learning Makes Me Feel...
Mean = 3.9109
Std. Dev. = 3.3311
N = 34
Frequency
0
2
4
6
8
10
0 1 2 3 4 5 6 7 8 9 10
Controlled
Free


Mass Customized Learning Makes Me Feel...
Mean = 3.9806
Std. Dev. = 3.3863
N = 34
Frequency
0
1
2
3
4
5
0 1 2 3 4 5 6 7 8 9 10
Weak
Powerful

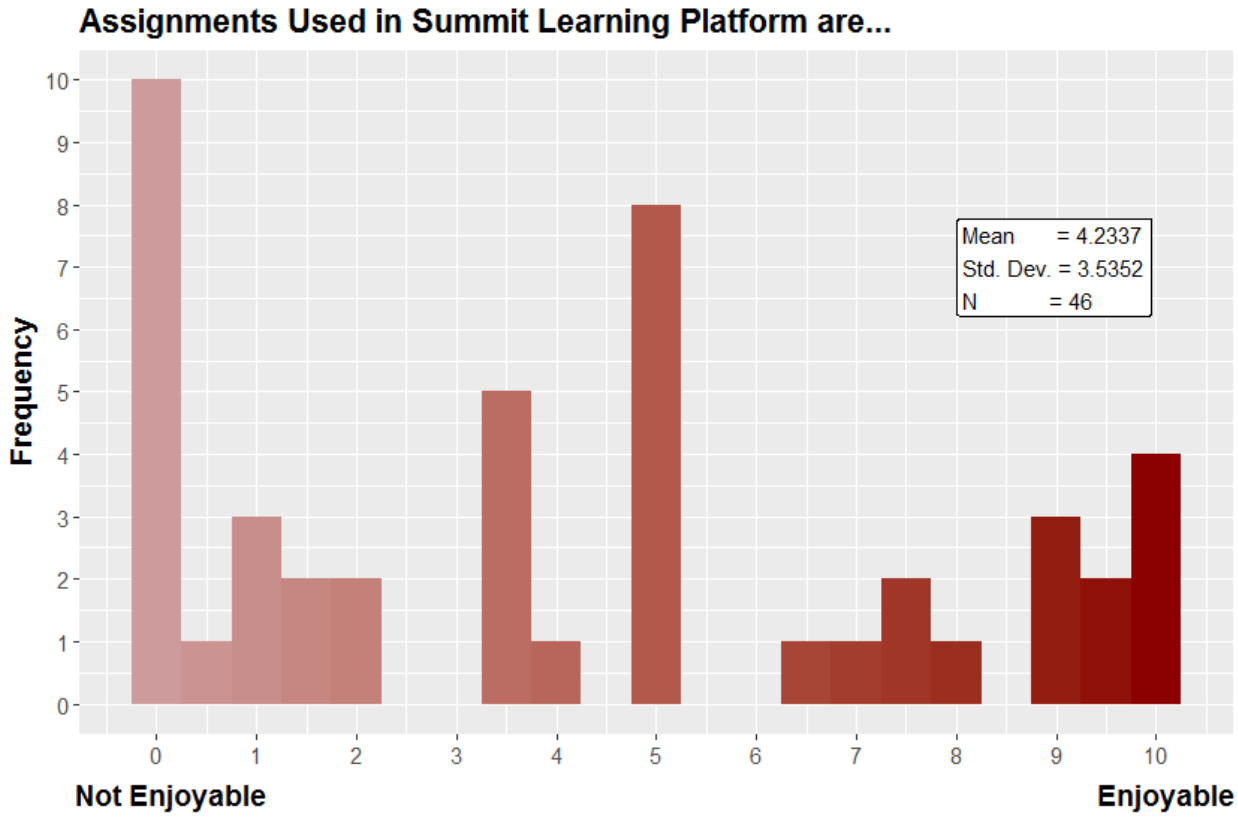

Mass Customized Learning Makes Me Feel...
Frequency
12
10
8
6
4
2
0
Mean = 3.1141
Std. Dev. = 3.6935
N = 34
0
1
2
3
4
5
6
7
8
9
10
Confused
Knowledgeable

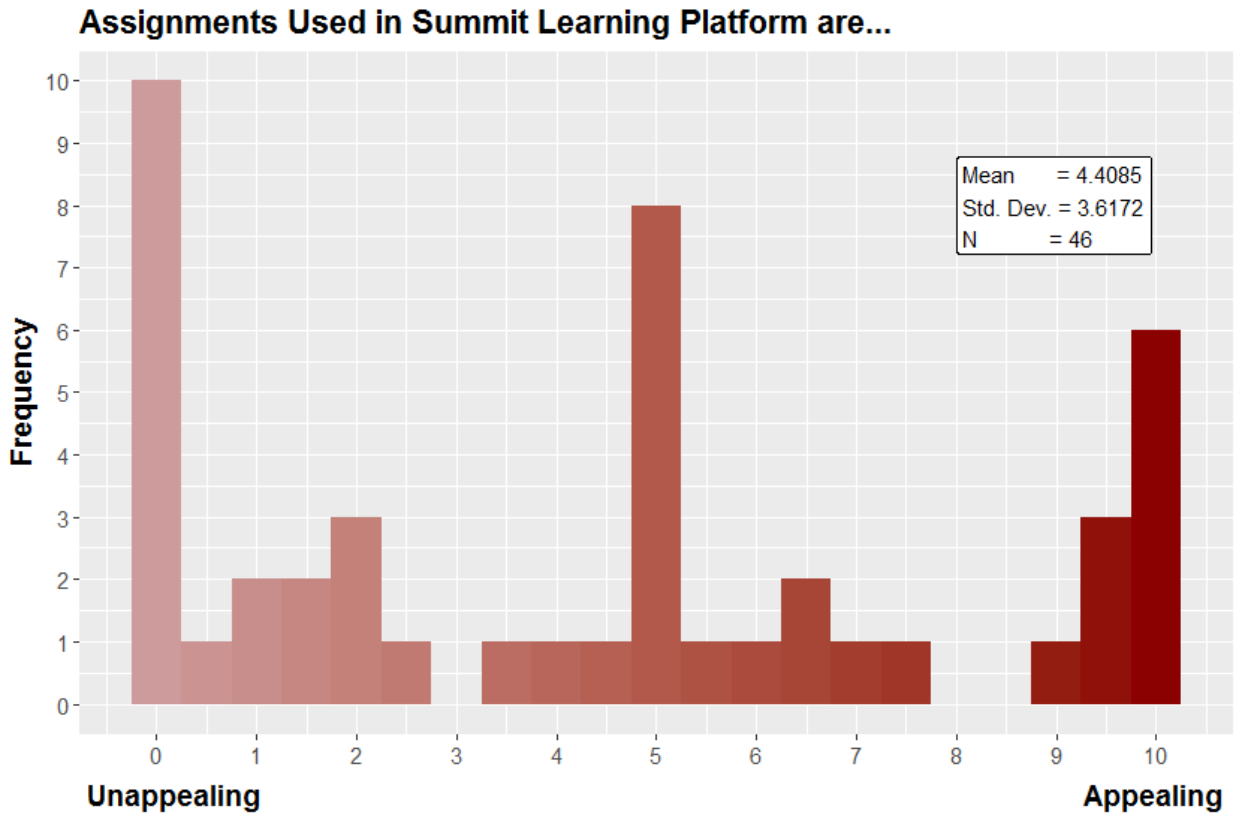
Perceptions of SLP Assignments

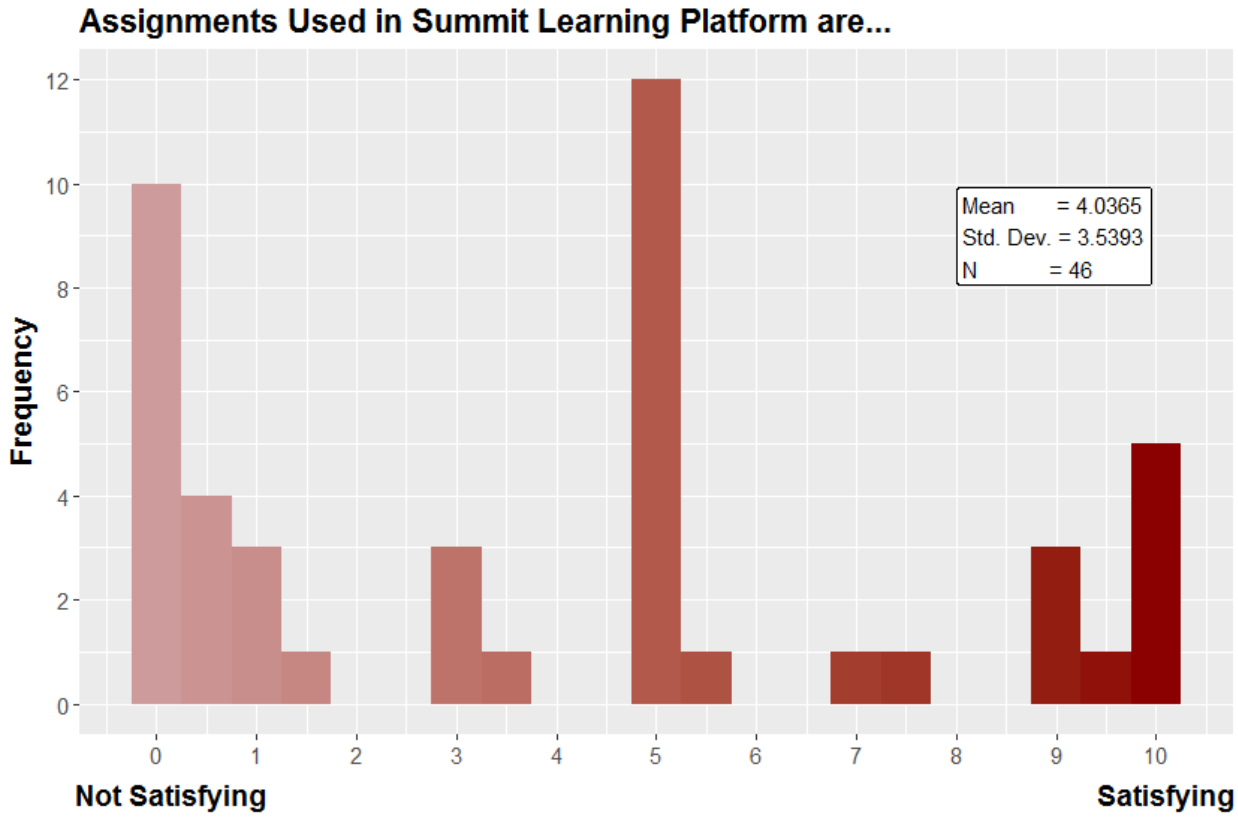
Table 3

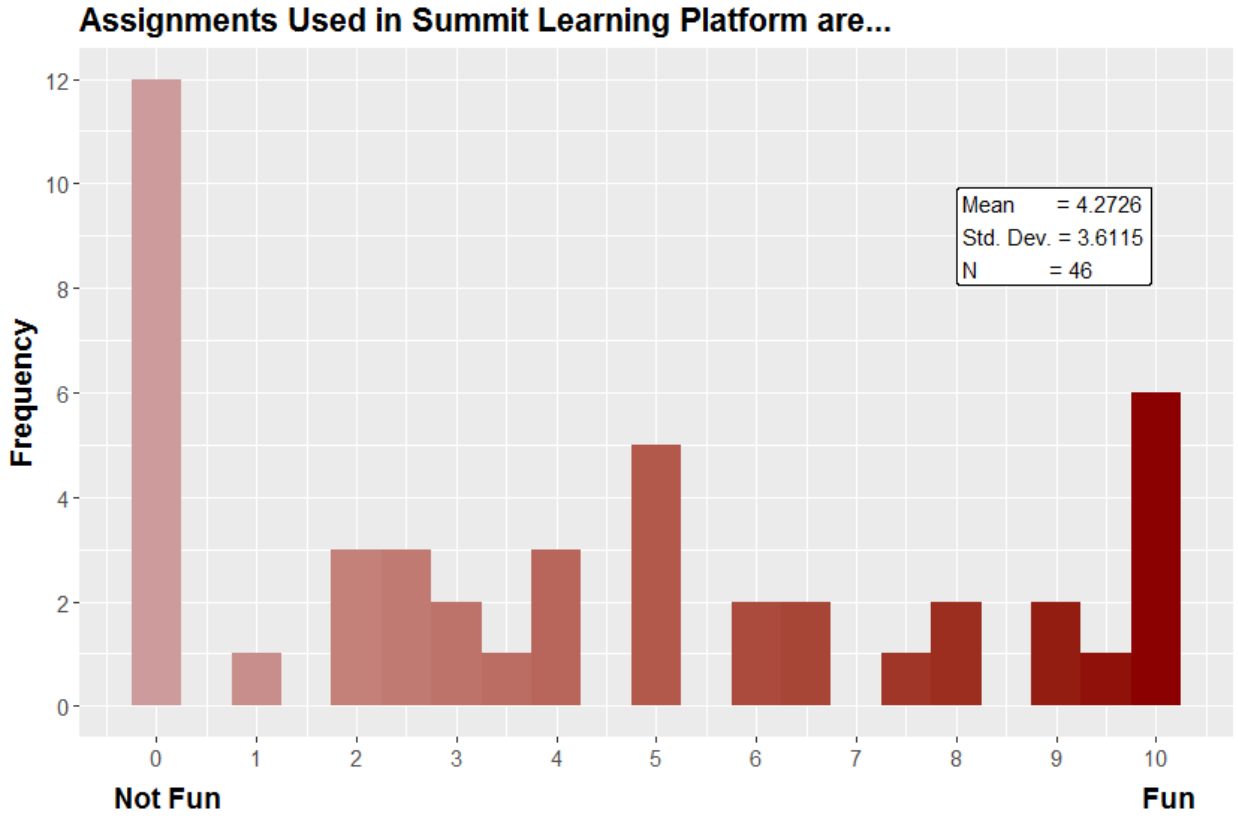
Summary of "Assignments Used in SLP" for Parents/Guardians

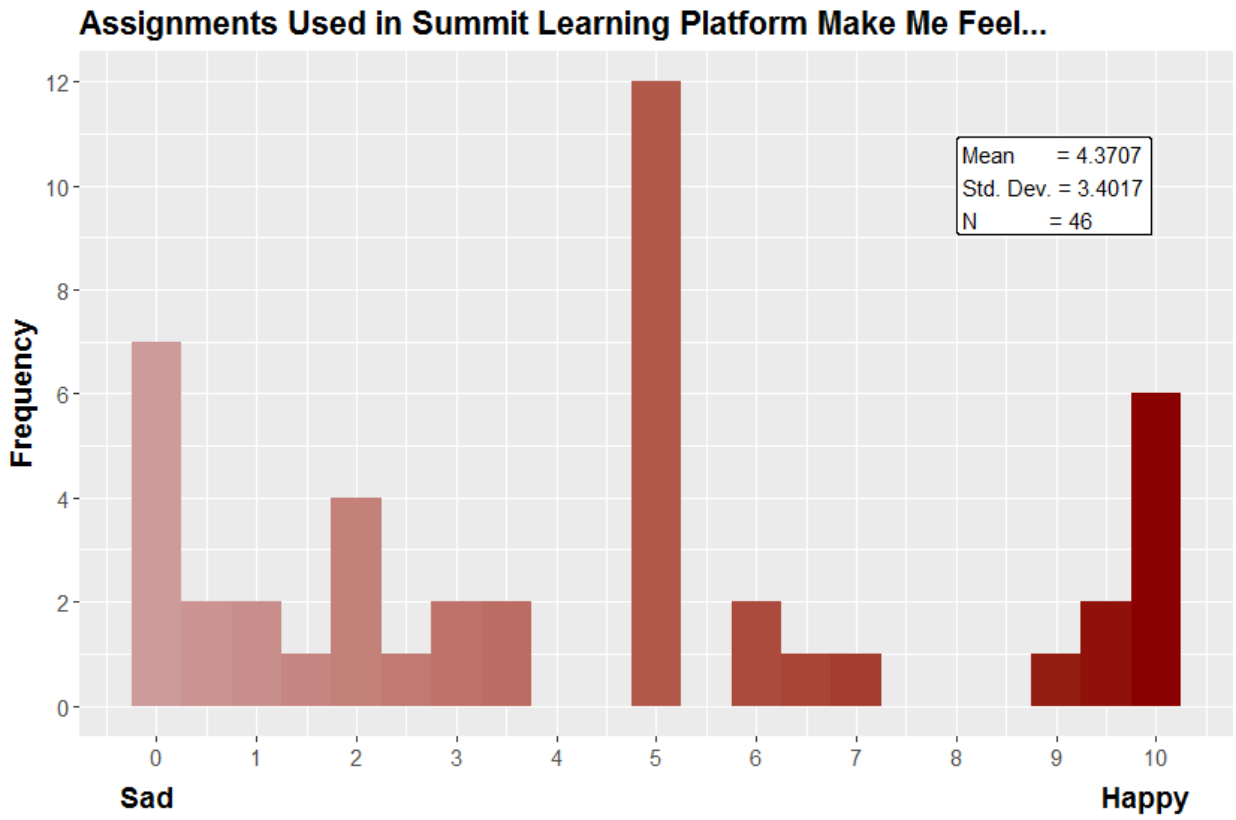
Domain	Semantic Differential	n	Mean	Median	Variance	Standard Deviation	α
Pleasure		46					.988
	Enjoyment		4.2337	3.9600	12.498	3.53522	
	Appealing		4.4085	5.0000	13.084	3.61724	
	Satisfying		4.0365	4.9950	12.527	3.53935	
	Fun		4.2726	3.8900	13.043	3.61152	
	Happy		4.3707	5.0000	11.572	3.40175	
	Pleasing		4.0920	3.8550	13.784	3.71263	
	Not Frustrating		3.6815	2.6450	14.003	14.003	
	Appropriate		4.0659	3.0350	13.831	3.71907	
Arousal		46					.988
	Stressful		5.9800	6.3800	12.604	3.55020	
	Exciting		4.3607	5.0000	12.912	3.59330	
	Thrilling		4.4154	5.0000	12.163	3.48757	
	Wide-Awake		4.3135	5.0000	12.451	3.52857	
	Entertaining		4.6739	5.0000	12.214	3.49487	
	Interesting		4.5522	5.0000	12.200	3.49289	
	Energizing		4.2437	4.3600	12.556	3.54348	
	Panicked		5.7702	6.4800	12.575	3.54611	
Dominance		46					.989
	In Control		4.0872	4.5050	13.778	3.71189	
	In Charge		4.3191	5.0000	13.521	5.0000	
	Important		4.0504	3.8250	12.858	3.58583	
	Included		4.0691	3.9800	14.091	3.9800	
	Free		4.3354	4.9850	12.560	3.54397	
	Powerful		4.4480	4.7300	12.000	3.46405	
	Knowledgeable		3.9311	3.0800	13.676	3.69807	

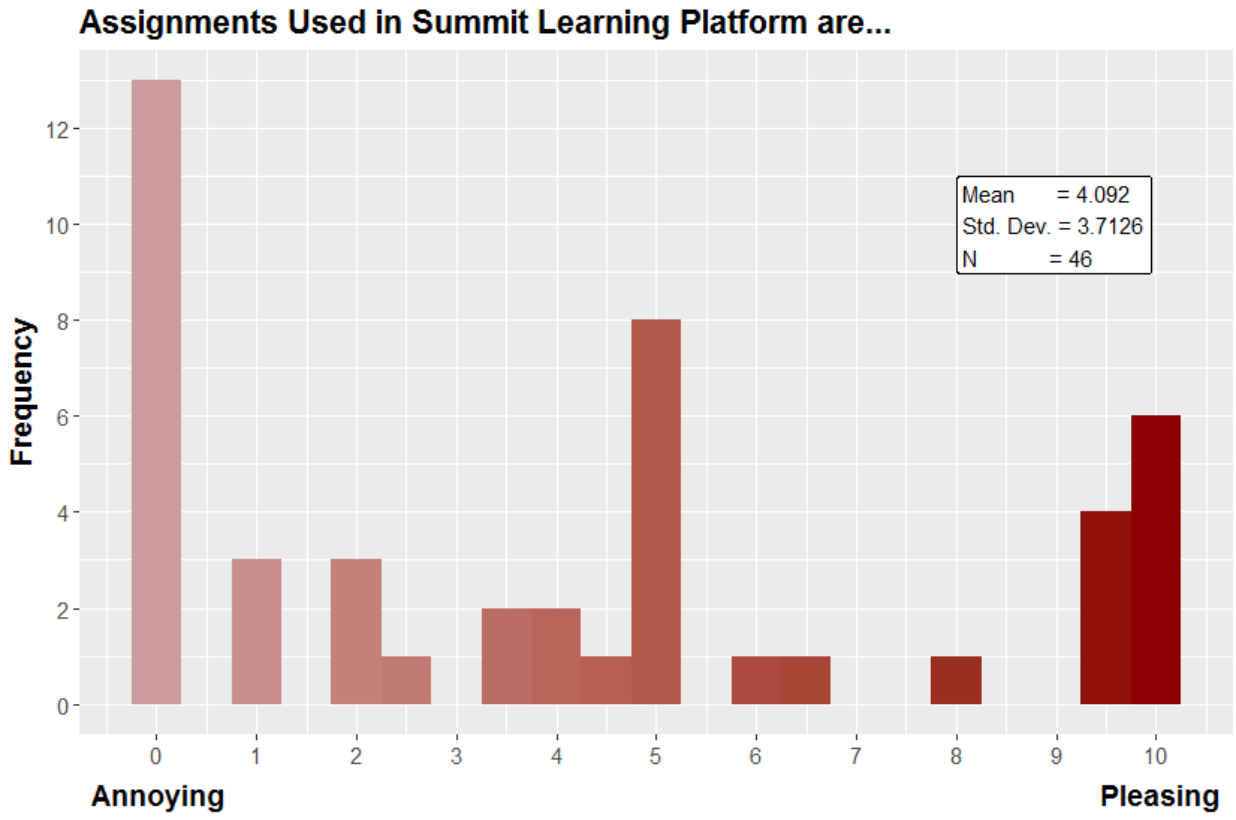

Assignments Used in Summit Learning Platform are...
Frequency
Mean = 4.2337
Std. Dev. = 3.5352
N = 46
Not Enjoyable
Enjoyable

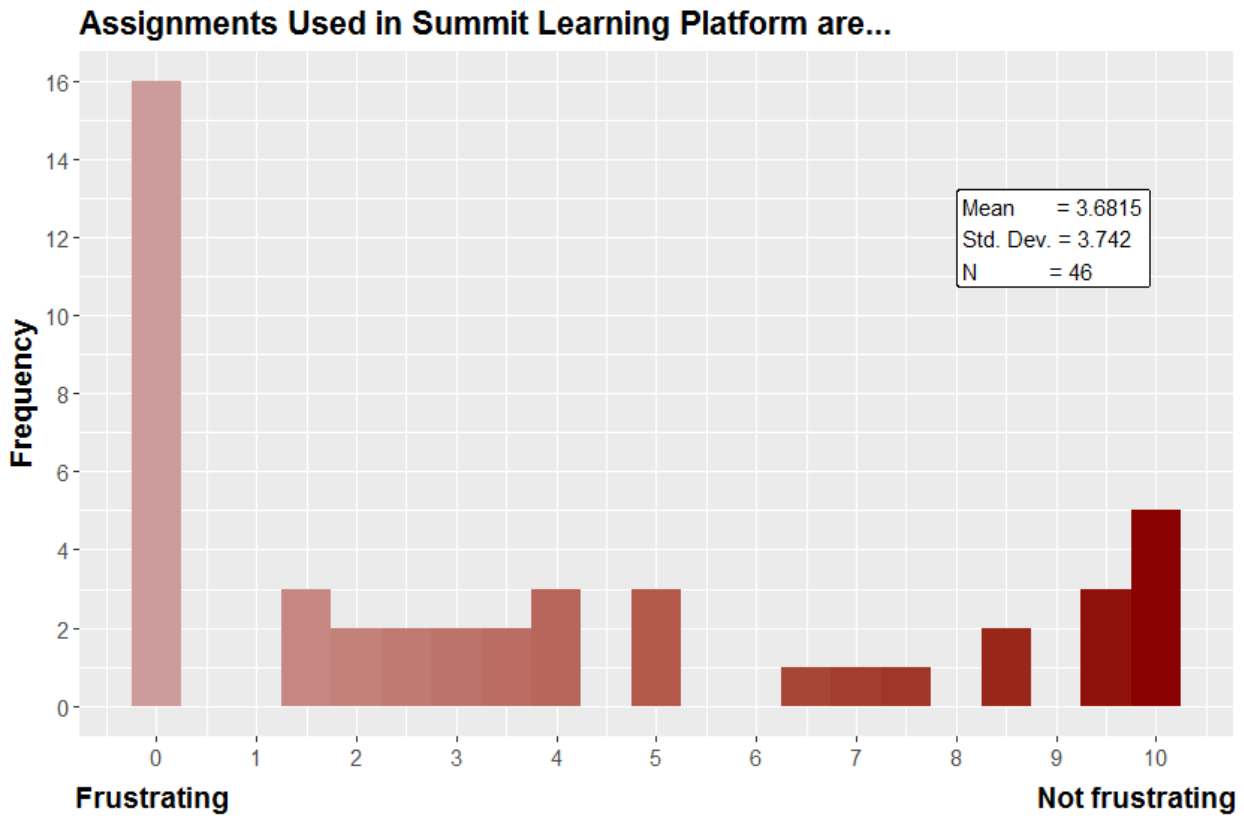

Assignments Used in Summit Learning Platform are...
Frequency
Mean = 4.4085
Std. Dev. = 3.6172
N = 46
Unappealing
Appealing

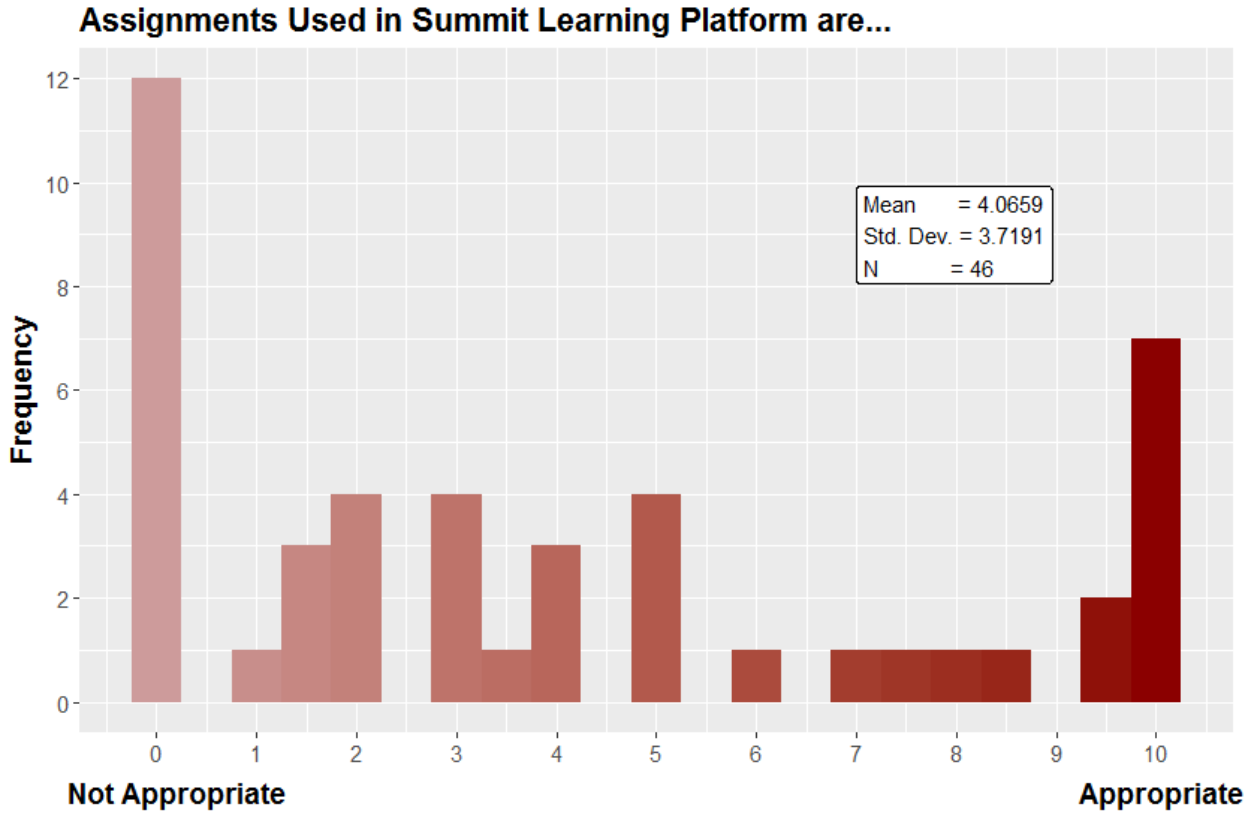

Assignments Used in Summit Learning Platform are...
Mean = 4.0365
Std. Dev. = 3.5393
N = 46
Frequency
0
2
4
6
8
10
12
0
1
2
3
4
5
6
7
8
9
10
Not Satisfying
Satisfying

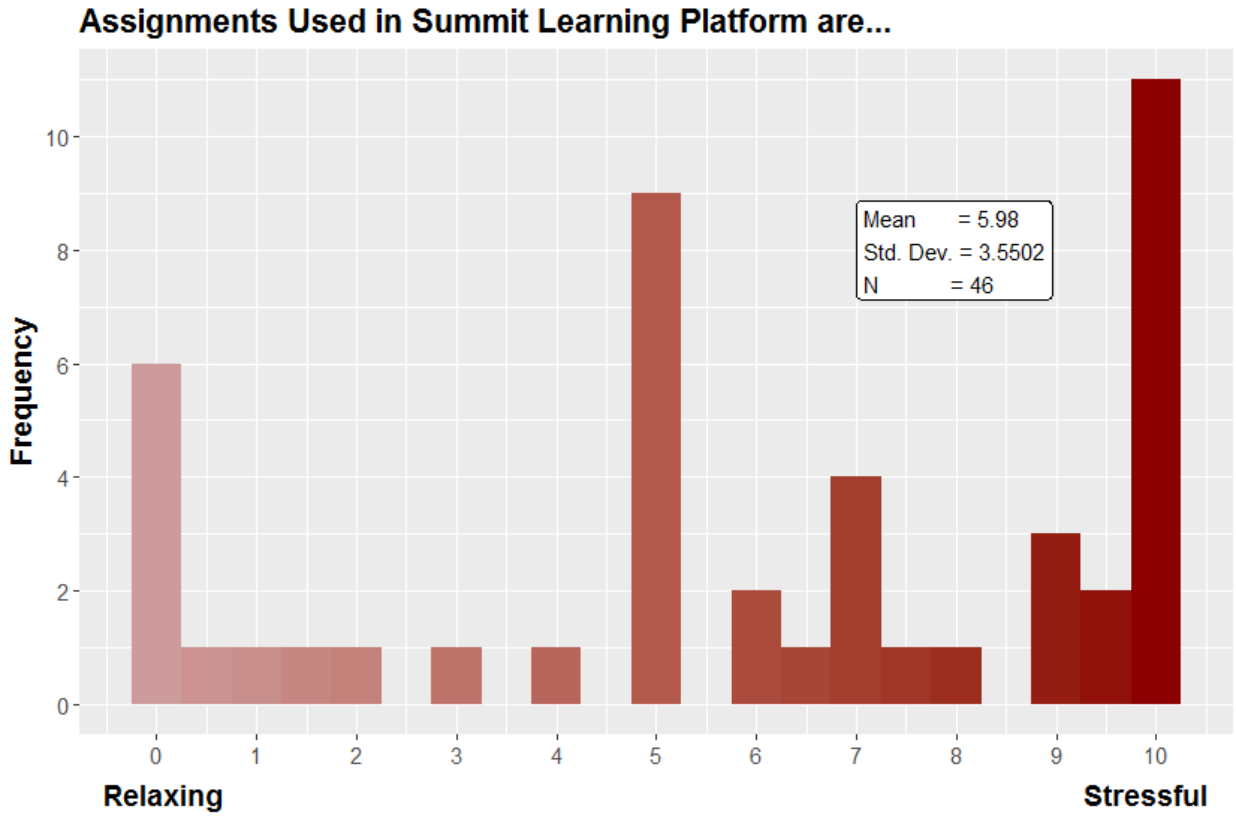

Assignments Used in Summit Learning Platform are...
Mean = 4.2726
Std. Dev. = 3.6115
N = 46
Frequency
0
2
4
6
8
10
12
0
1
2
3
4
5
6
7
8
9
10
Not Fun
Fun

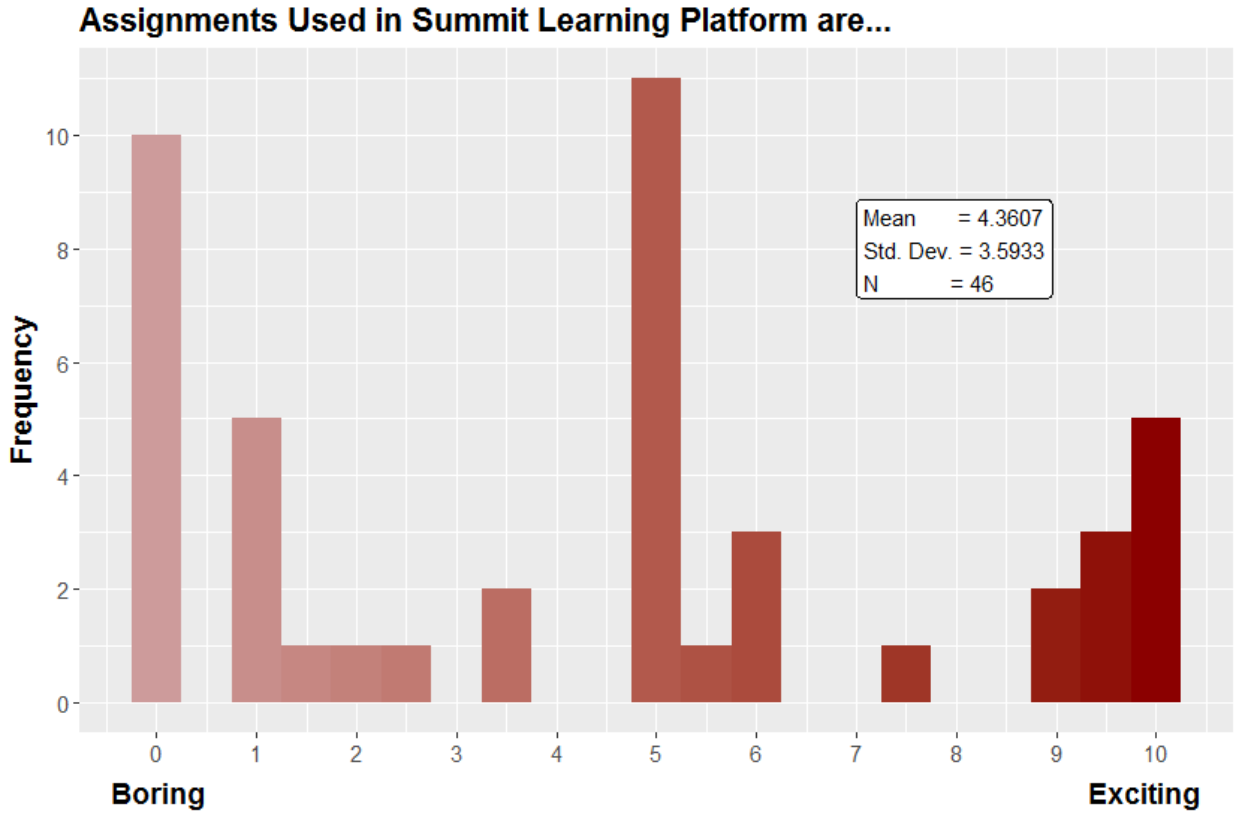

Assignments Used in Summit Learning Platform Make Me Feel...
Mean = 4.3707
Std. Dev. = 3.4017
N = 46
Frequency
0
2
4
6
8
10
12
0
1
2
3
4
5
6
7
8
9
10
Sad
Happy

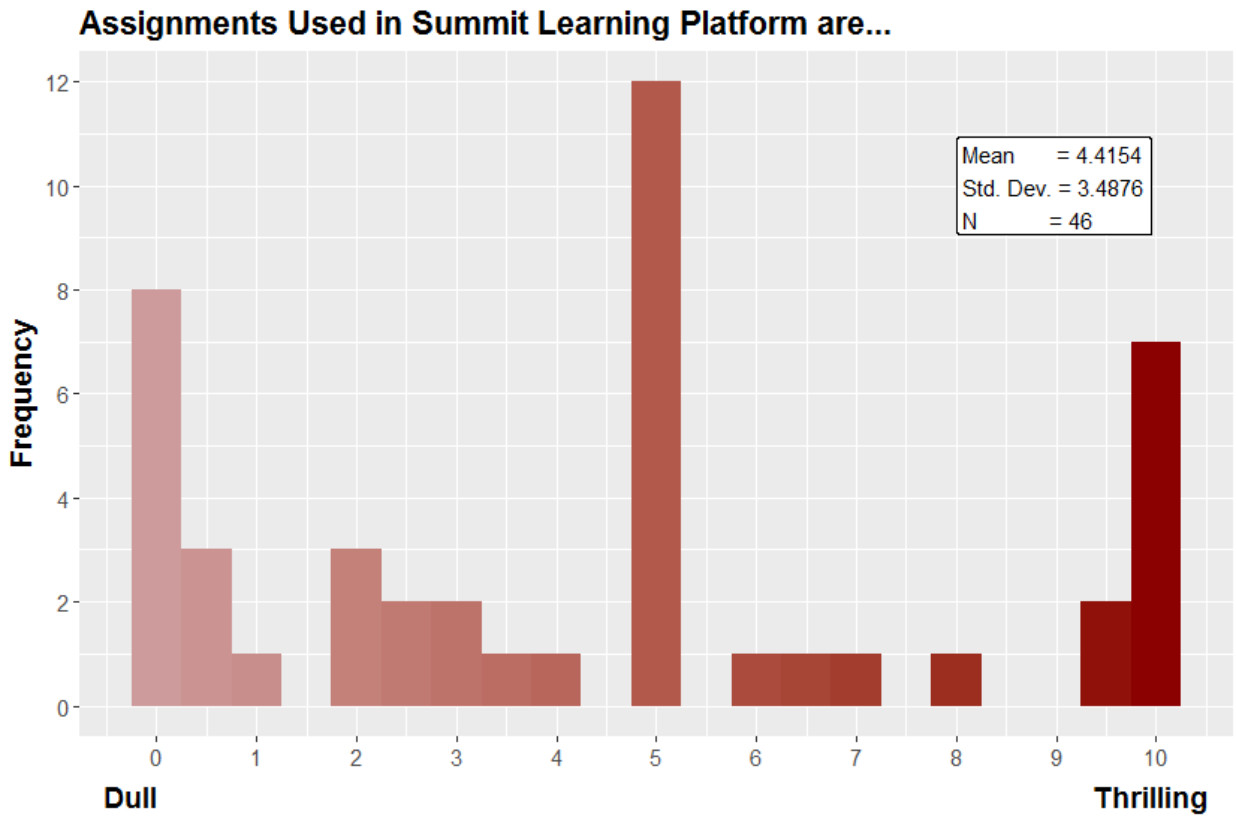

Assignments Used in Summit Learning Platform are...
Mean = 4.092
Std. Dev. = 3.7126
N = 46
Frequency
0
2
4
6
8
10
12
0
1
2
3
4
5
6
7
8
9
10
Annoying
Pleasing

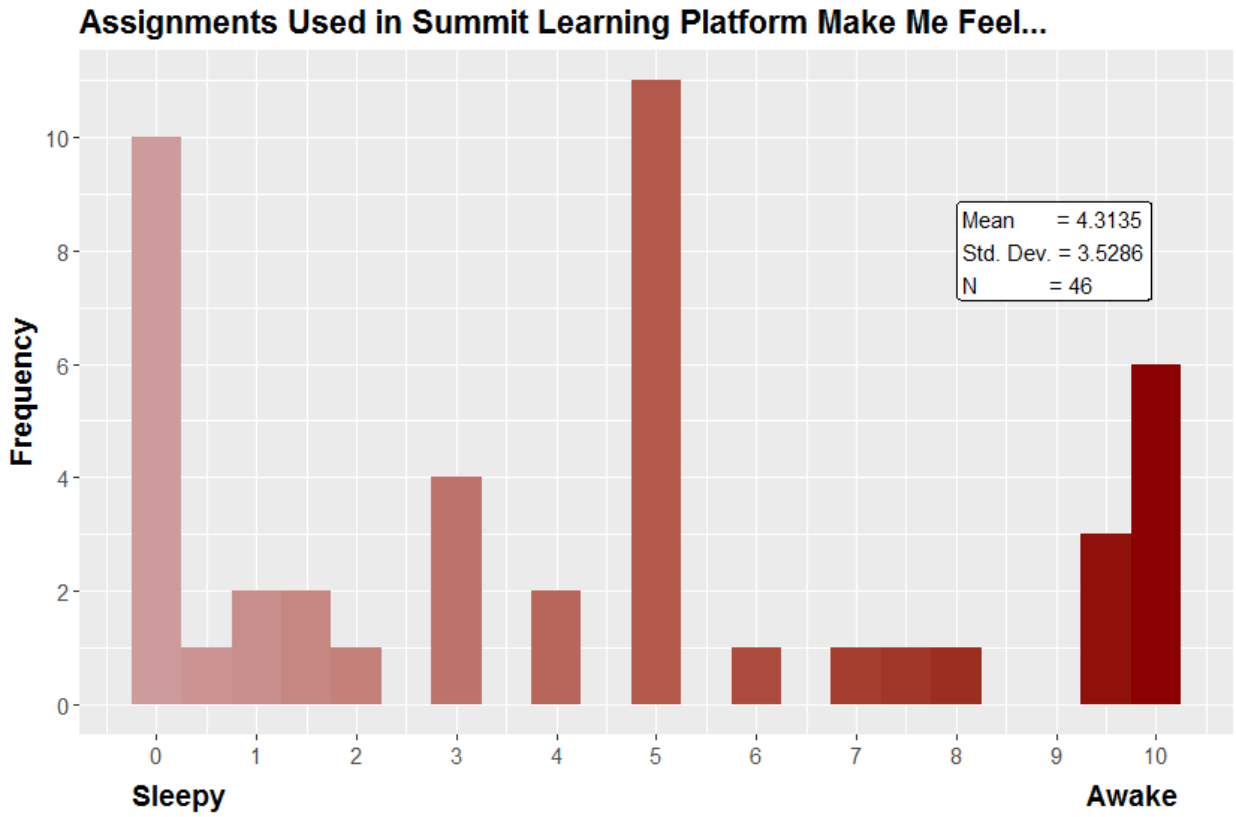

Assignments Used in Summit Learning Platform are...
Mean = 3.6815
Std. Dev. = 3.742
N = 46
Frequency
0
2
4
6
8
10
12
14
16
0
1
2
3
4
5
6
7
8
9
10
Frustrating
Not frustrating

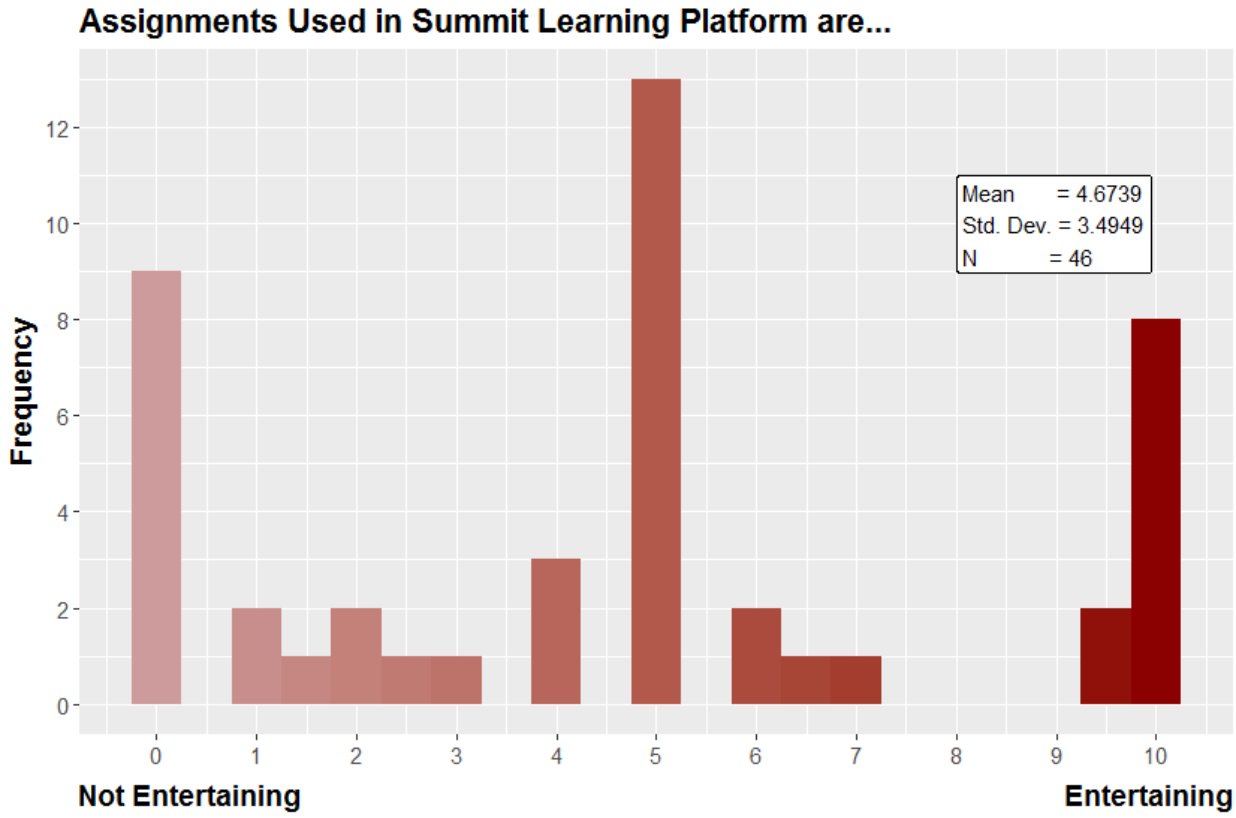

Assignments Used in Summit Learning Platform are...
Mean = 4.0659
Std. Dev. = 3.7191
N = 46
Frequency
0
2
4
6
8
10
12
0
1
2
3
4
5
6
7
8
9
10
Not Appropriate
Appropriate

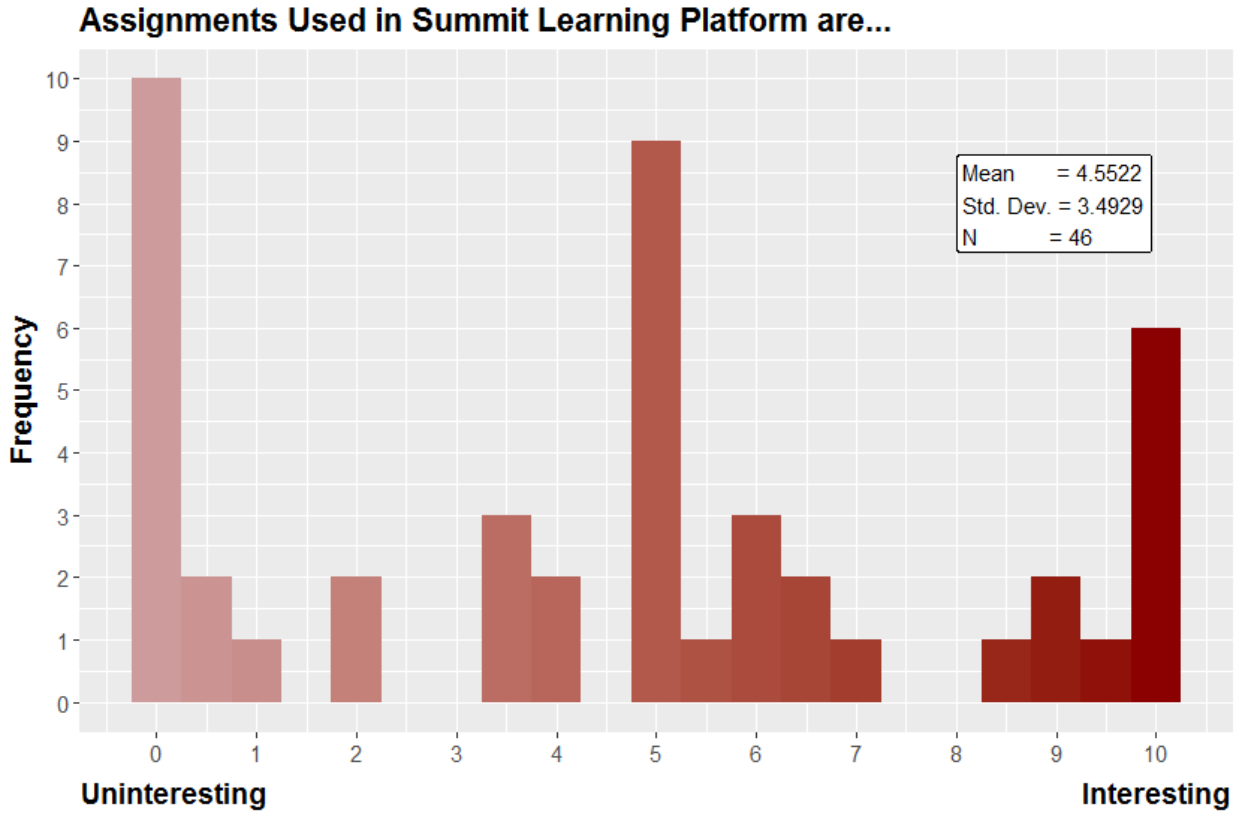

Assignments Used in Summit Learning Platform are...
Mean = 5.98
Std. Dev. = 3.5502
N = 46
Frequency
0
2
4
6
8
10
0 1 2 3 4 5 6 7 8 9 10
Relaxing
Stressful

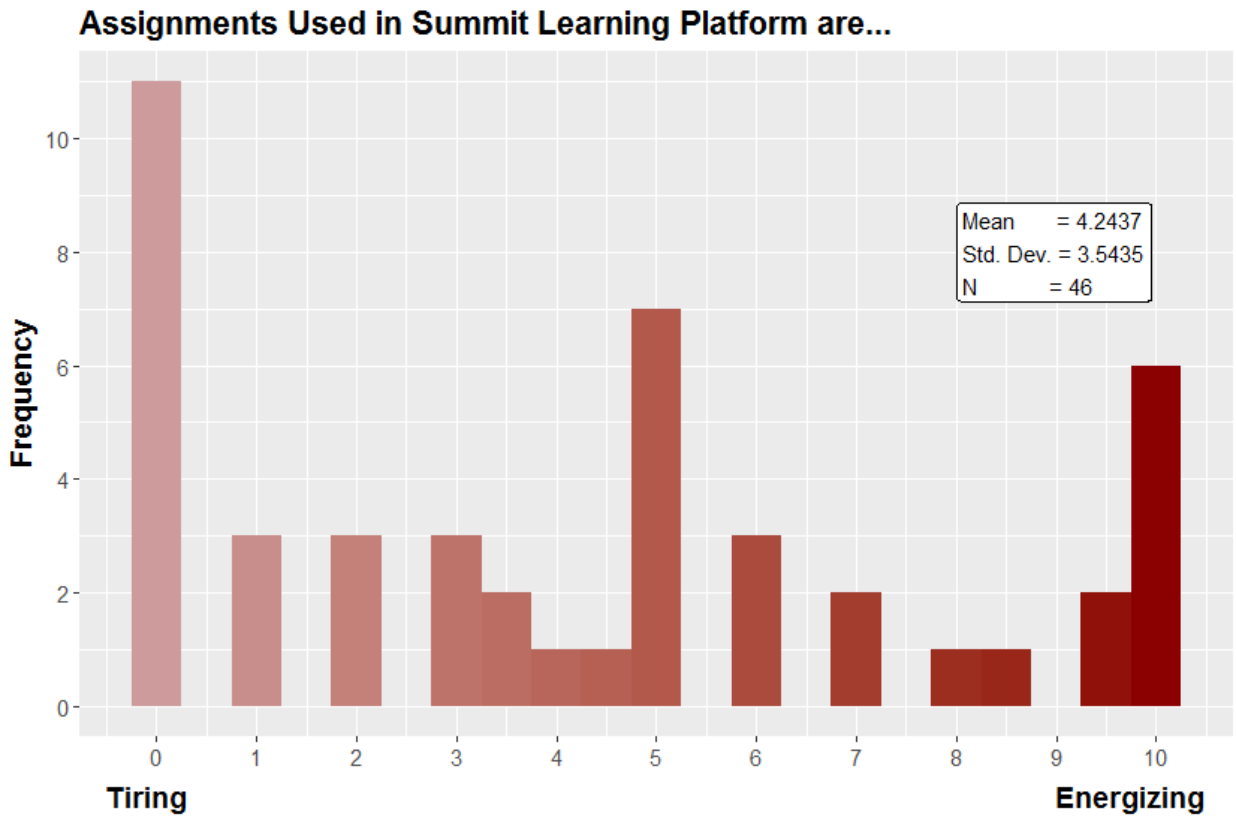

Assignments Used in Summit Learning Platform are...
Mean = 4.3607
Std. Dev. = 3.5933
N = 46
Frequency
0
2
4
6
8
10
0 1 2 3 4 5 6 7 8 9 10
Boring
Exciting

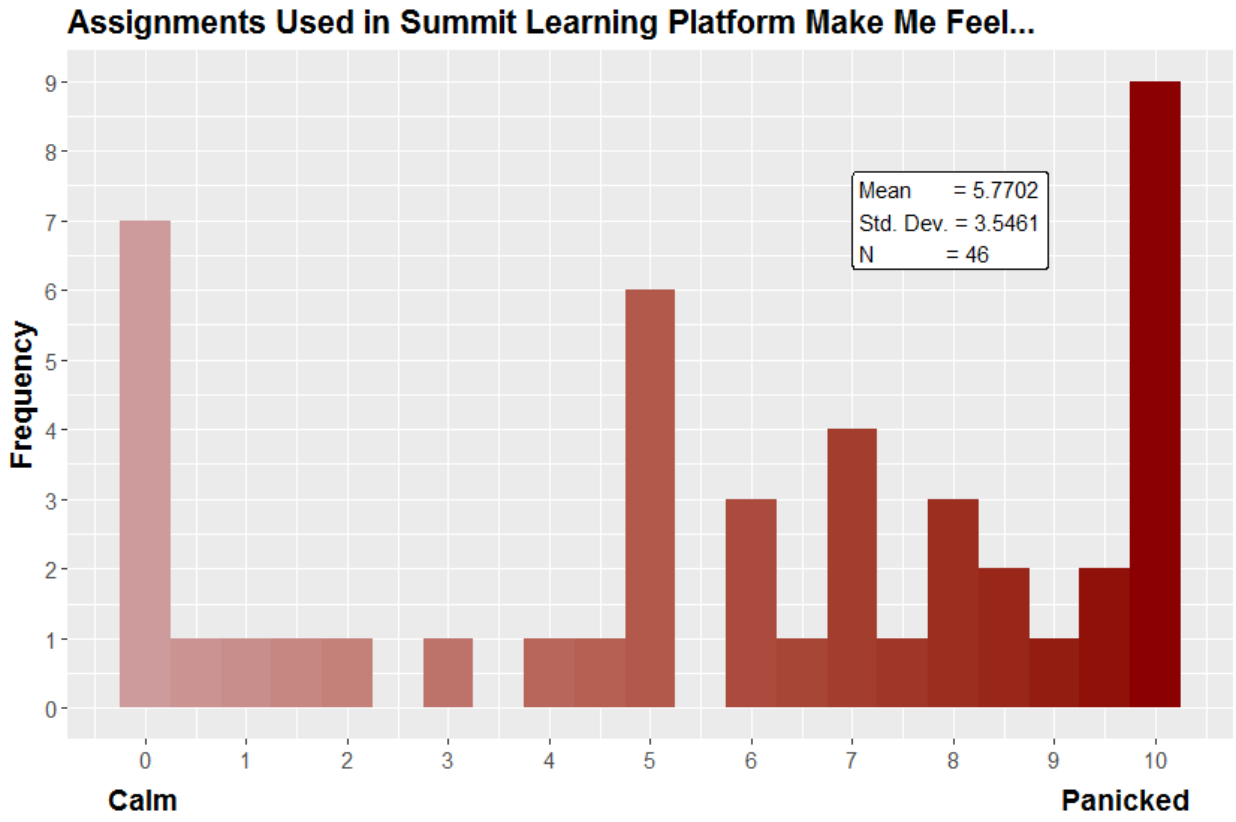

Assignments Used in Summit Learning Platform are...
Mean = 4.4154
Std. Dev. = 3.4876
N = 46
Frequency
0
2
4
6
8
10
12
0 1 2 3 4 5 6 7 8 9 10
Dull
Thrilling

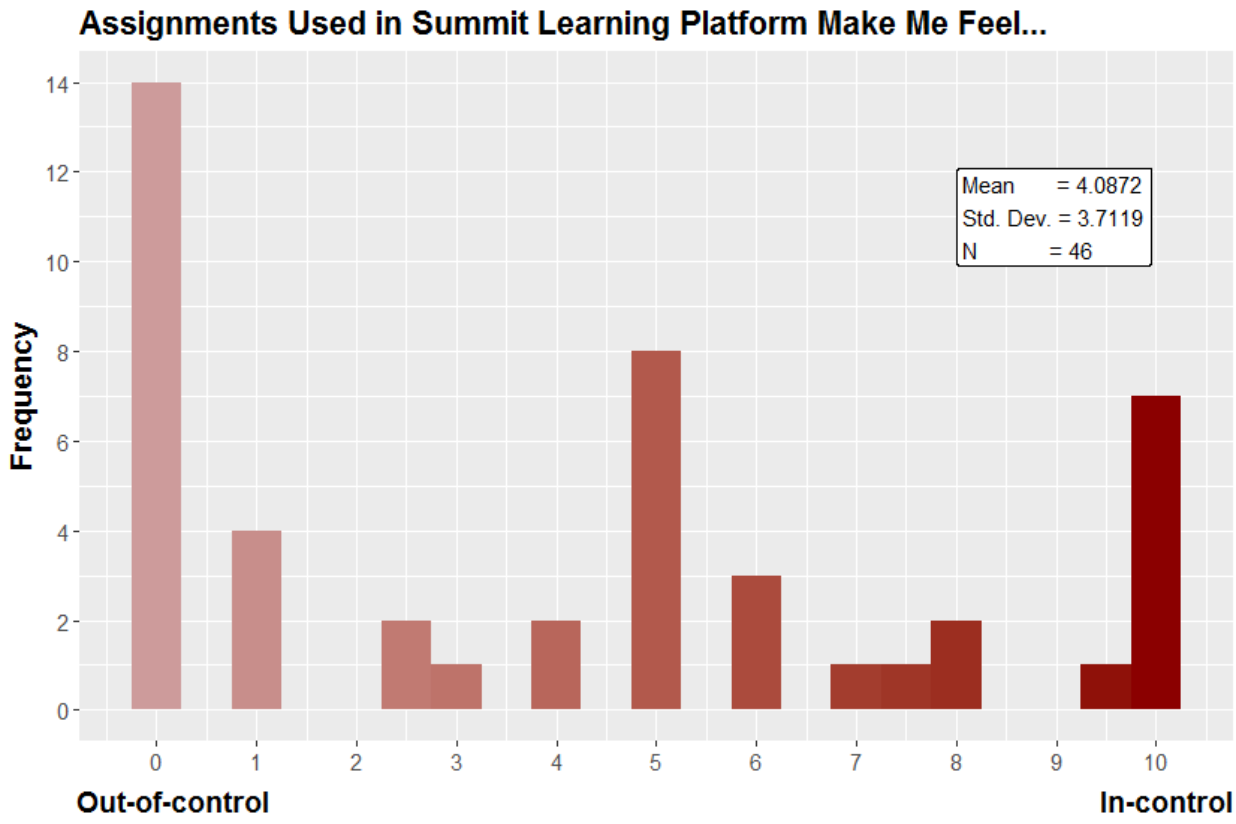

Assignments Used in Summit Learning Platform Make Me Feel...
Mean = 4.3135
Std. Dev. = 3.5286
N = 46
Frequency
0
2
4
6
8
10
0 1 2 3 4 5 6 7 8 9 10
Sleepy
Awake

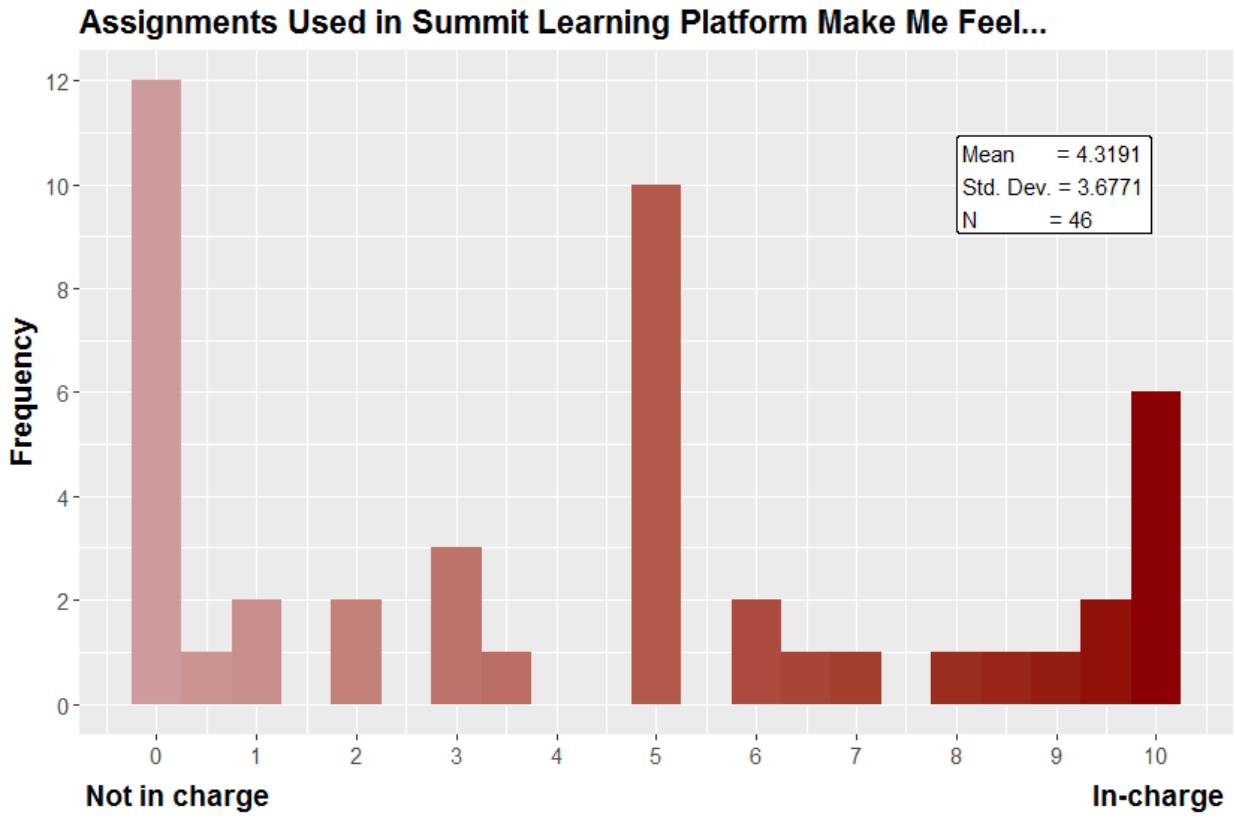

Assignments Used in Summit Learning Platform are...
Mean = 4.6739
Std. Dev. = 3.4949
N = 46
Frequency
0
2
4
6
8
10
12
0
1
2
3
4
5
6
7
8
9
10
Not Entertaining
Entertaining

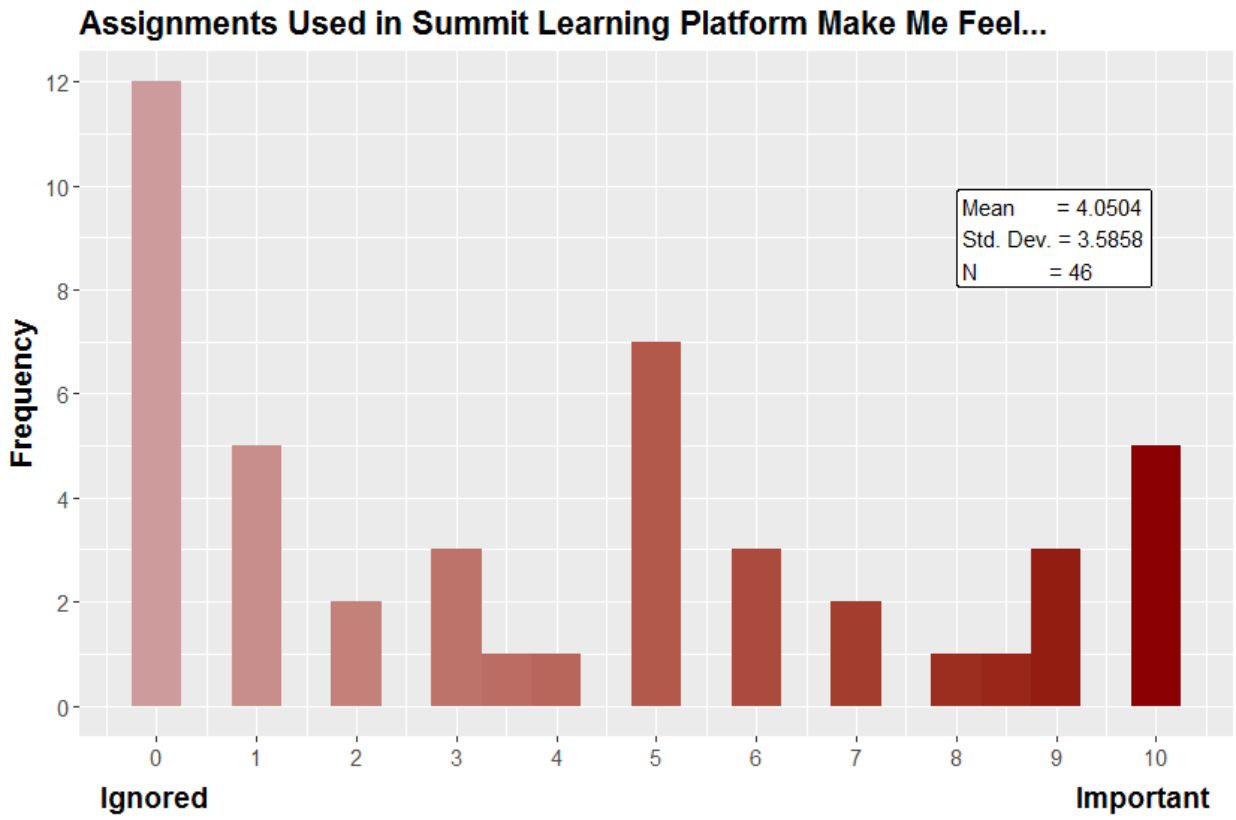

Assignments Used in Summit Learning Platform are...
Mean = 4.5522
Std. Dev. = 3.4929
N = 46
Frequency
0
1
2
3
4
5
6
7
8
9
10
0
1
2
3
4
5
6
7
8
9
10
Uninteresting
Interesting

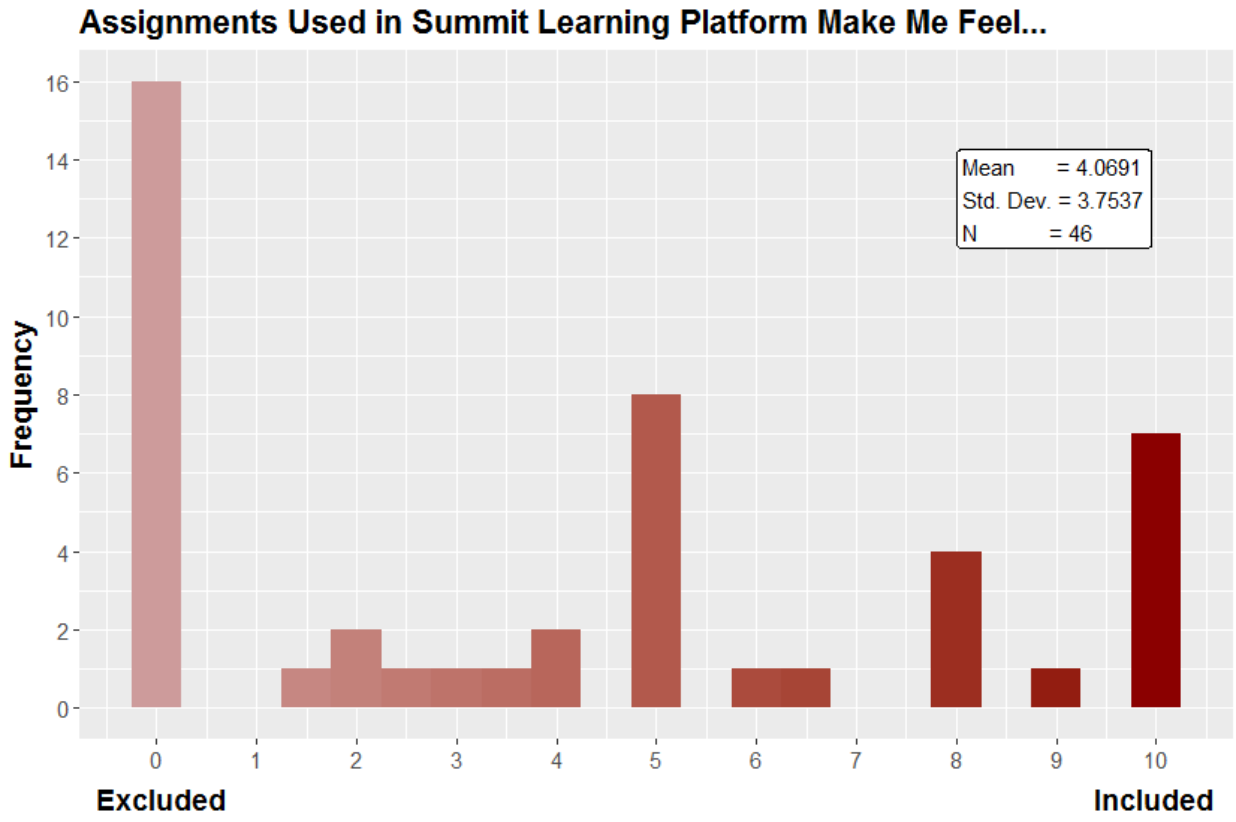

Assignments Used in Summit Learning Platform are...
Mean = 4.2437
Std. Dev. = 3.5435
N = 46
Frequency
0
2
4
6
8
10
0 1 2 3 4 5 6 7 8 9 10
Tiring
Energizing

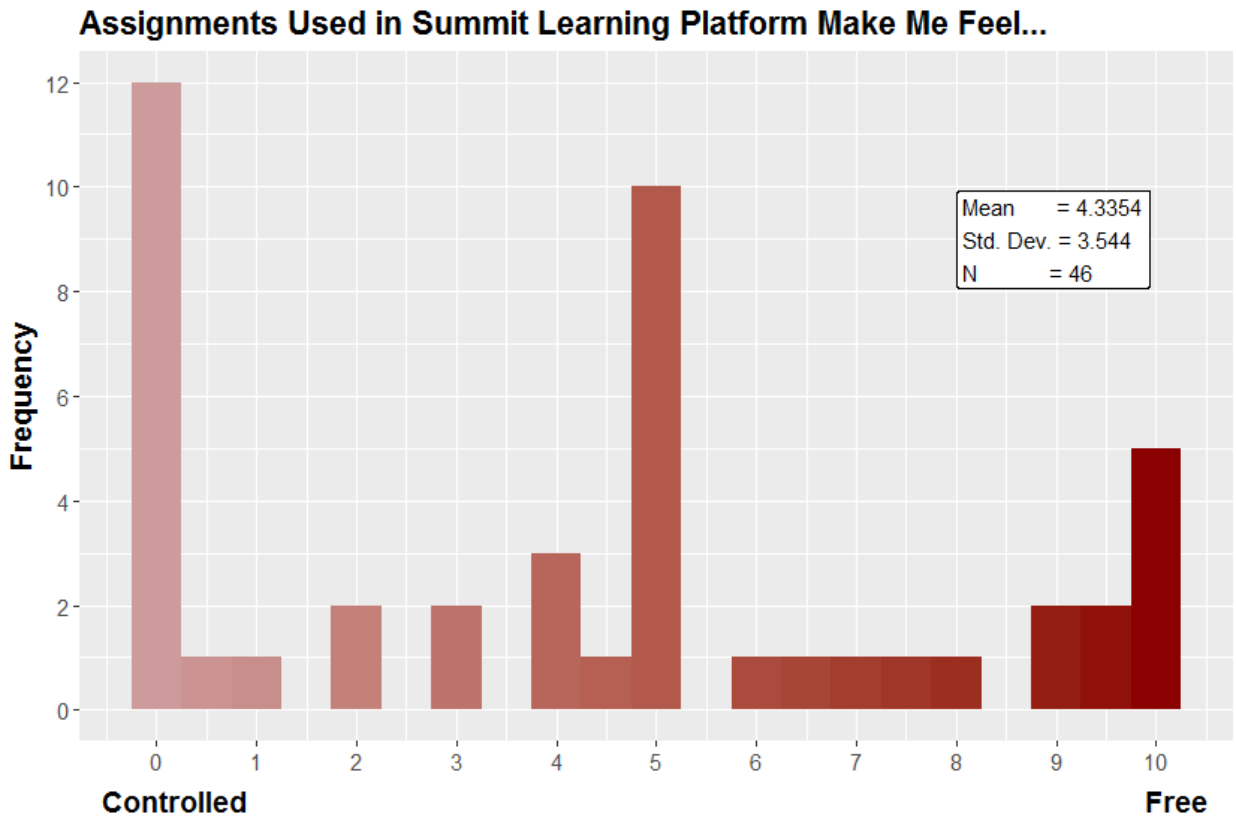

Assignments Used in Summit Learning Platform Make Me Feel...
Mean = 5.7702
Std. Dev. = 3.5461
N = 46
Frequency
0
1
2
3
4
5
6
7
8
9
0 1 2 3 4 5 6 7 8 9 10
Calm
Panicked

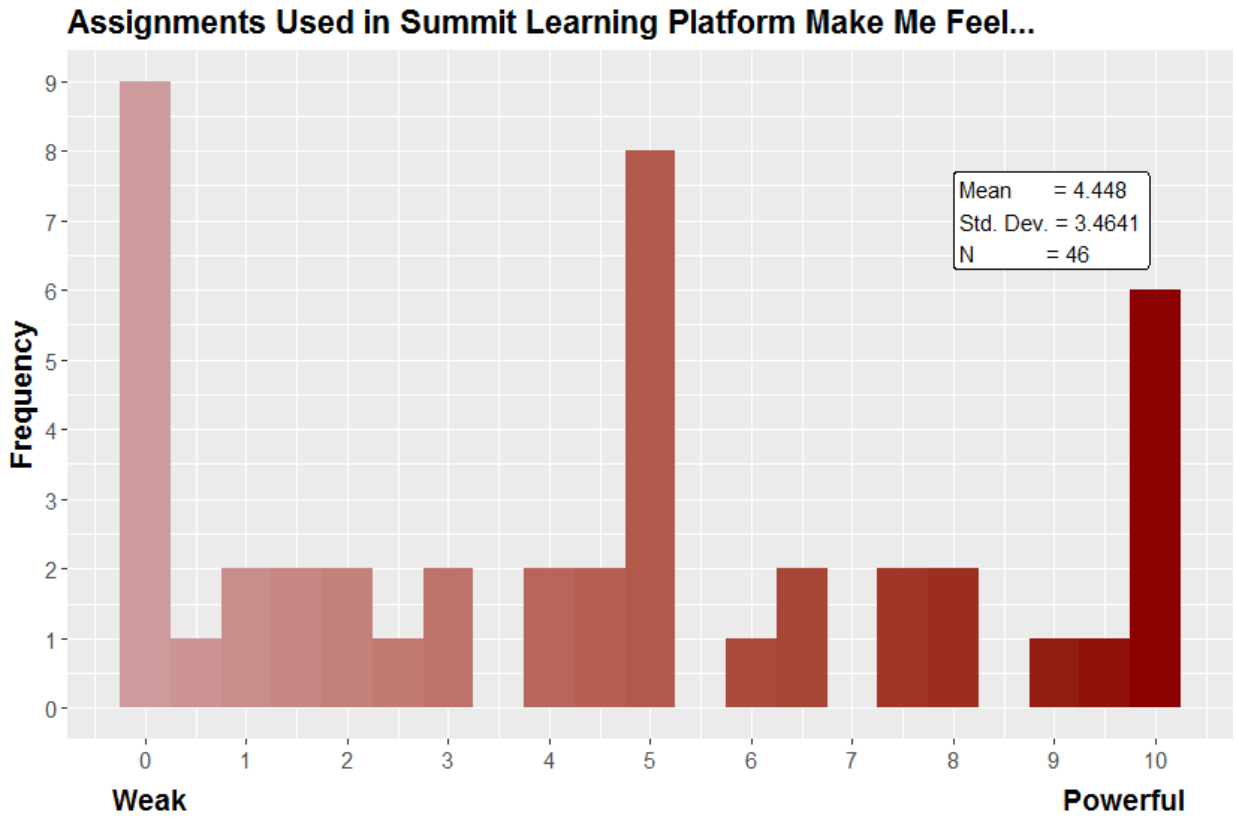

Assignments Used in Summit Learning Platform Make Me Feel...
Mean = 4.0872
Std. Dev. = 3.7119
N = 46
Frequency
0
2
4
6
8
10
12
14
0
1
2
3
4
5
6
7
8
9
10
Out-of-control
In-control

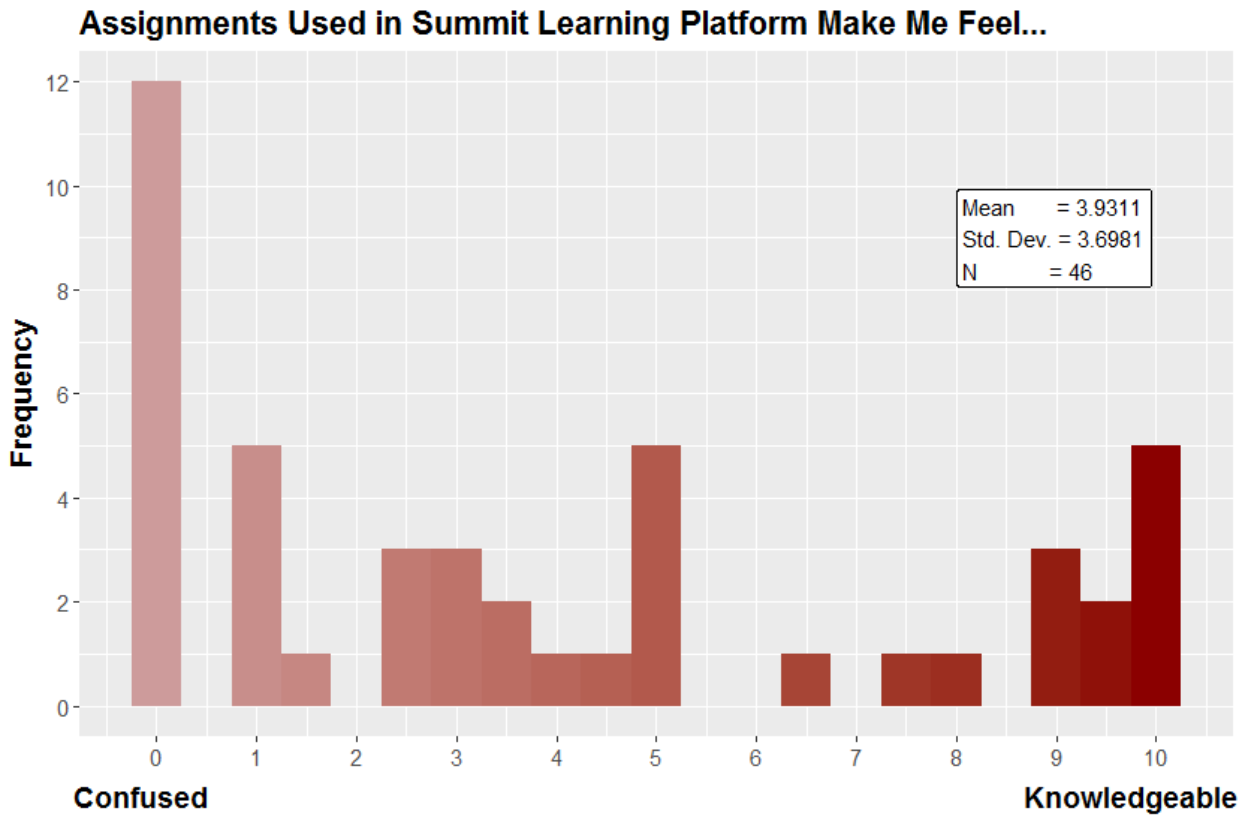

Assignments Used in Summit Learning Platform Make Me Feel...
Mean = 4.3191
Std. Dev. = 3.6771
N = 46
Frequency
0
2
4
6
8
10
12
0
1
2
3
4
5
6
7
8
9
10
Not in charge
In-charge


Assignments Used in Summit Learning Platform Make Me Feel...
Mean = 4.0504
Std. Dev. = 3.5858
N = 46
Frequency
0
2
4
6
8
10
12
0 1 2 3 4 5 6 7 8 9 10
Ignored
Important


Assignments Used in Summit Learning Platform Make Me Feel...
Mean = 4.0691
Std. Dev. = 3.7537
N = 46
Frequency
0
2
4
6
8
10
12
14
16
0 1 2 3 4 5 6 7 8 9 10
Excluded
Included


Assignments Used in Summit Learning Platform Make Me Feel...
Mean = 4.3354
Std. Dev. = 3.544
N = 46
Frequency
0
2
4
6
8
10
12
0
1
2
3
4
5
6
7
8
9
10
Controlled
Free


Assignments Used in Summit Learning Platform Make Me Feel...
Mean = 4.448
Std. Dev. = 3.4641
N = 46
Frequency
0
1
2
3
4
5
6
7
8
9
0
1
2
3
4
5
6
7
8
9
10
Weak
Powerful

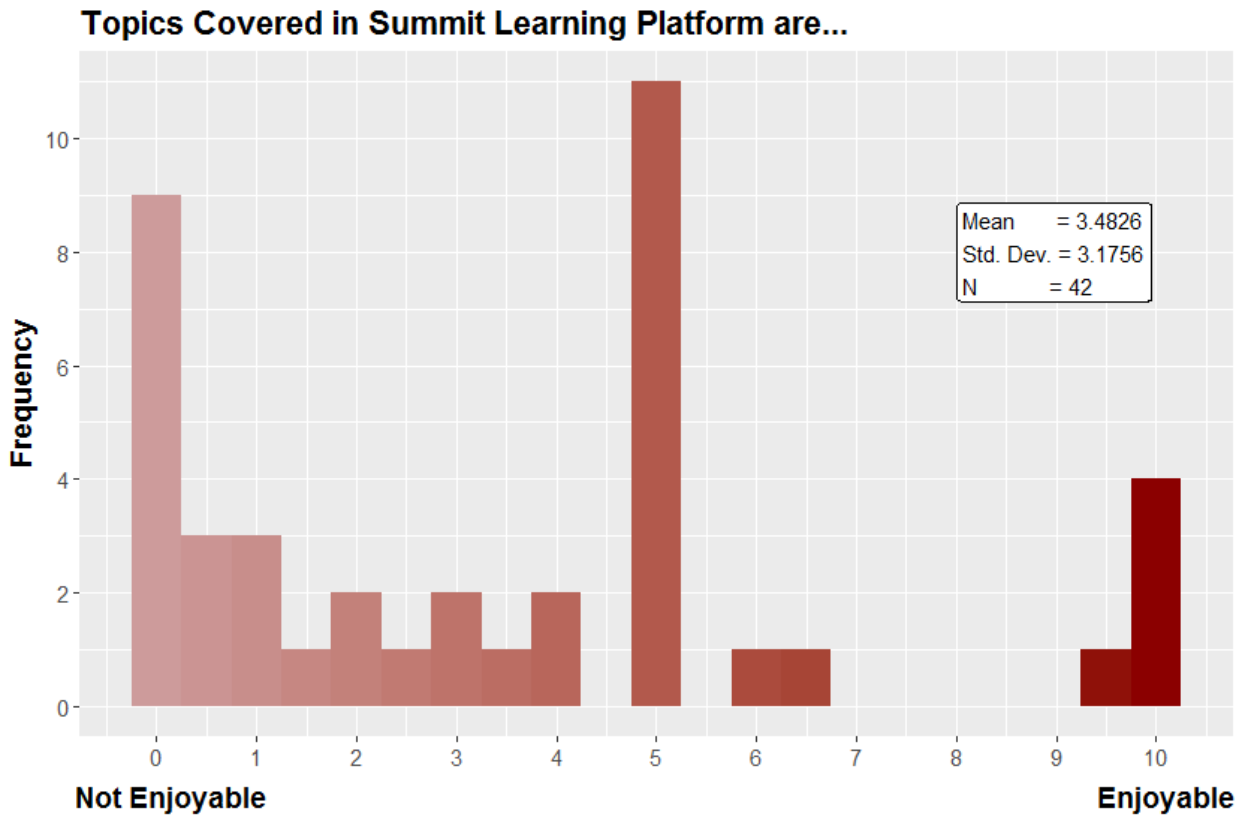

Assignments Used in Summit Learning Platform Make Me Feel...
Frequency
12
10
8
6
4
2
0
Mean = 3.9311
Std. Dev. = 3.6981
N = 46
0
1
2
3
4
5
6
7
8
9
10
Confused
Knowledgeable

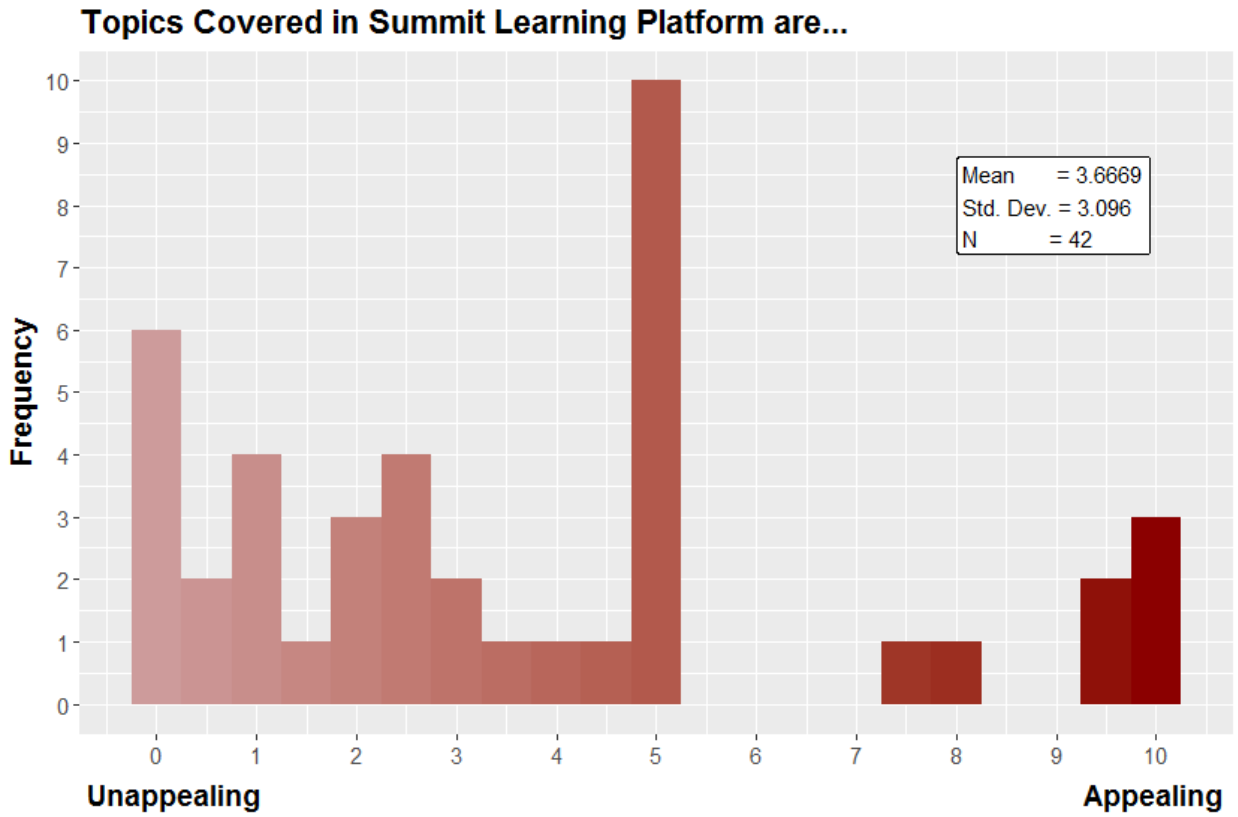
Perceptions of Topics Covered in SLP

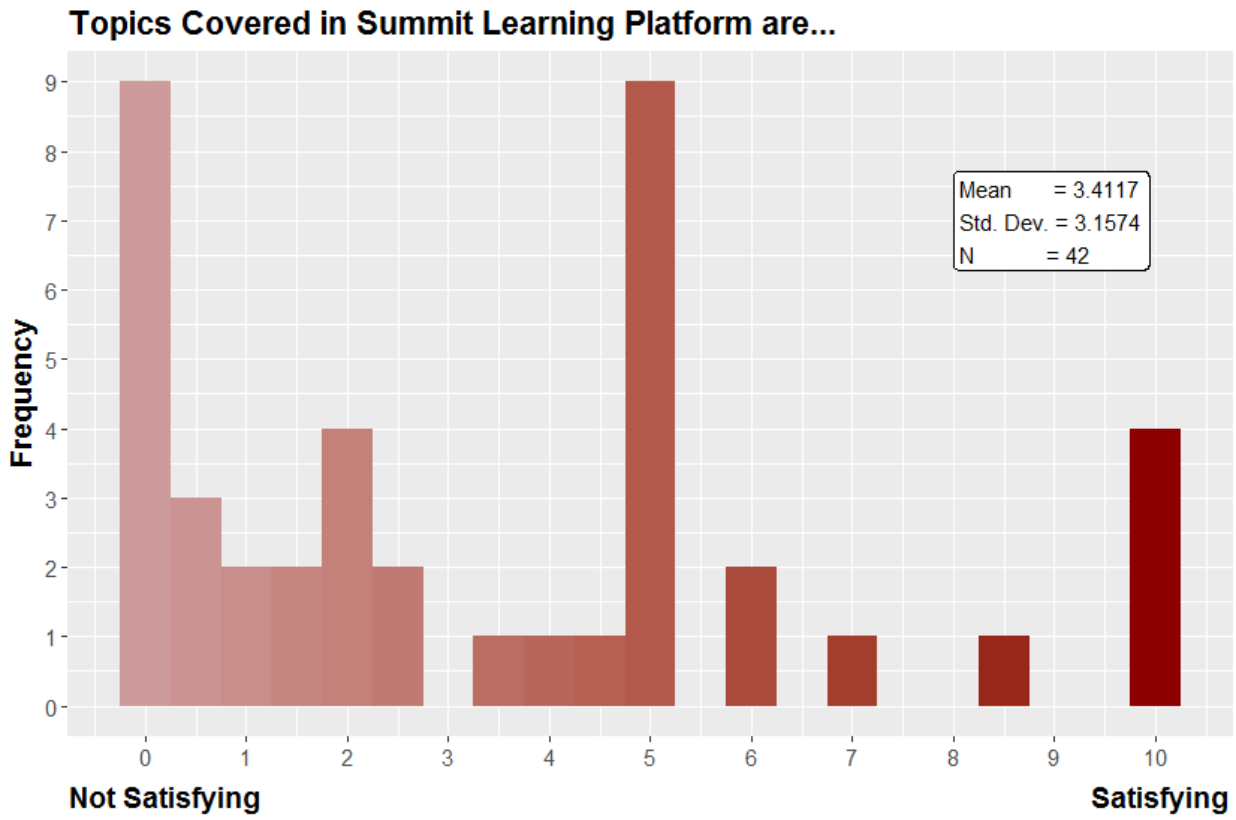
Table 4

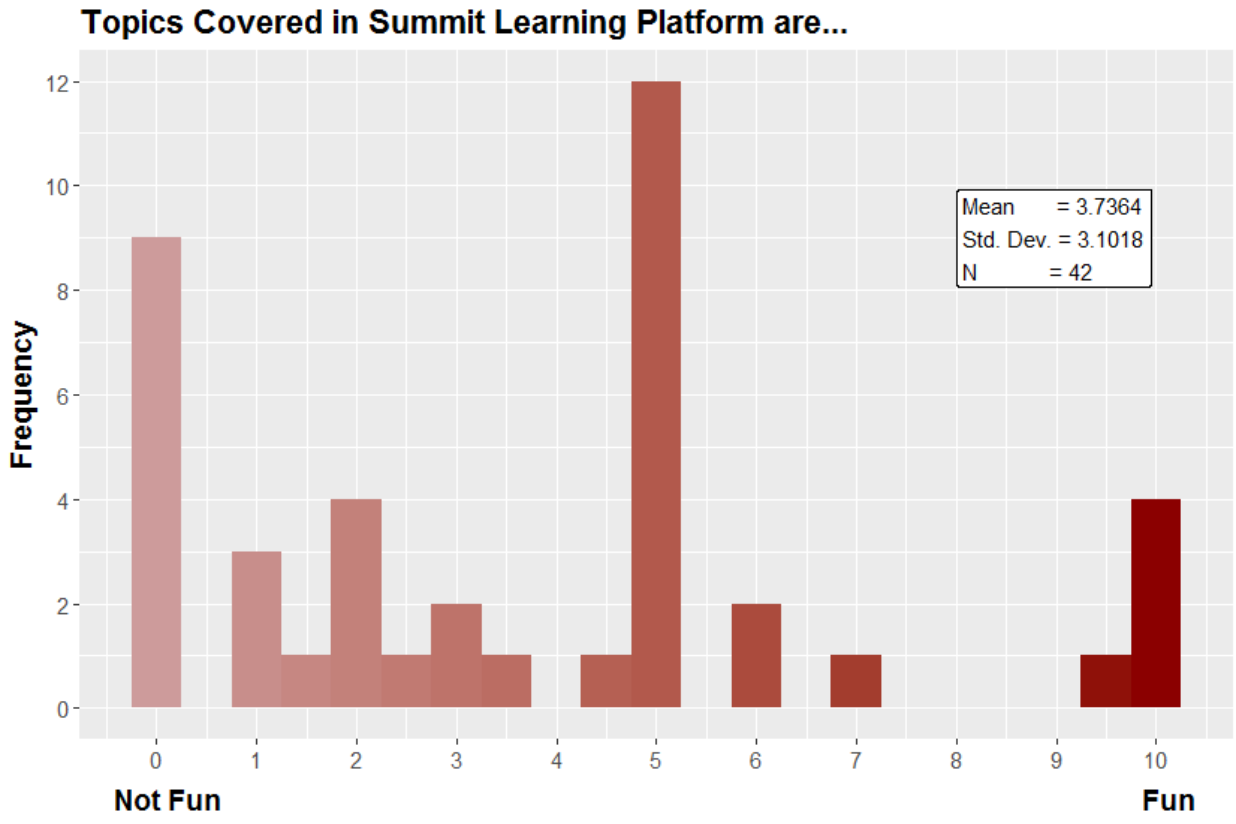
Summary of "Topics Covered in SLP" for Parents/Guardians

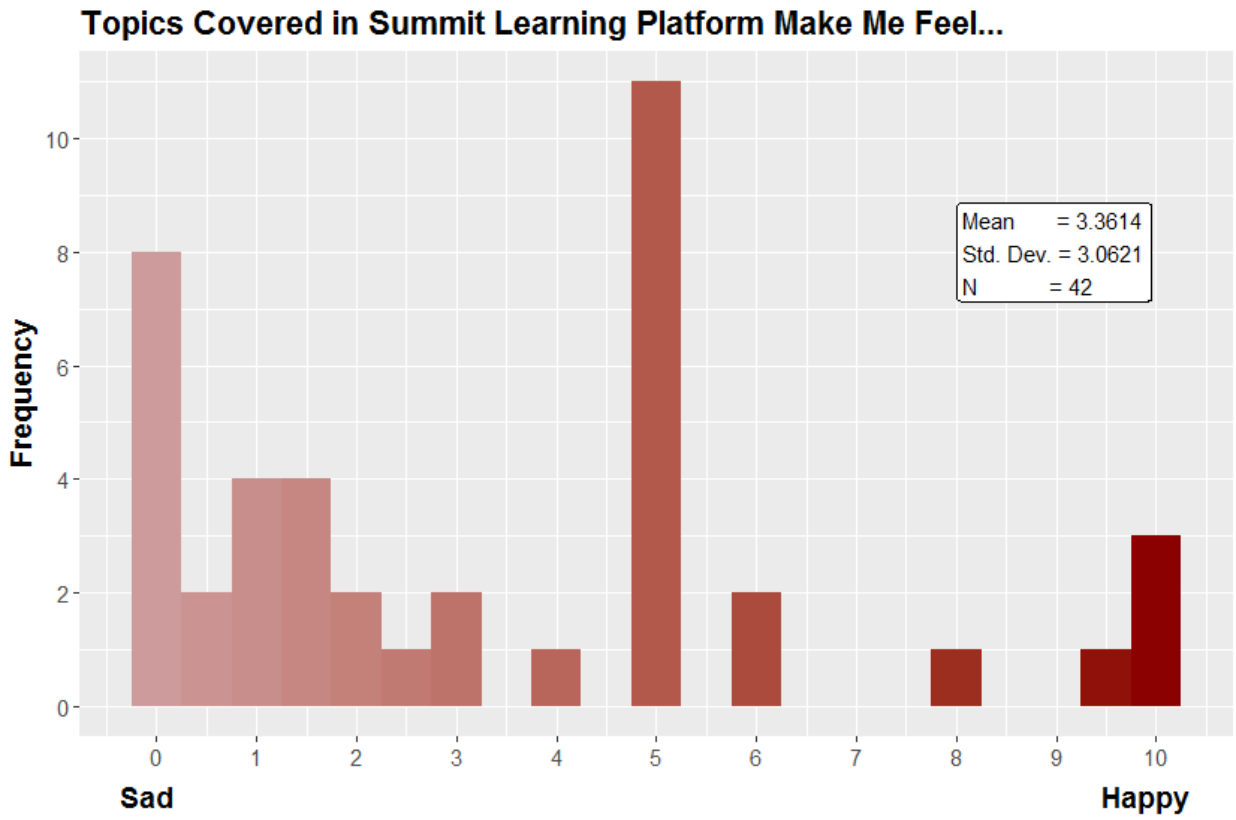
Domain	Semantic Differential	n	Mean	Median	Variance	Standard Deviation	α
Pleasure		42					.978
	Enjoyment		3.4826	3.1950	10.084	3.17560	
	Appealing		3.6669	2.9100	9.586	3.09605	
	Satisfying		3.4117	2.4850	9.969	3.15739	
	Fun		3.7364	3.9850	9.621	3.10179	
	Happy		3.3614	2.6150	9.376	3.06207	
	Pleasing		3.3507	2.8900	9.857	3.13960	
	Not Frustrating		2.8600	1.9650	9.602	3.09866	
	Appropriate		3.1986	2.4800	10.406	3.22578	
Arousal		42					.981
	Stressful		7.2324	7.5500	9.658	3.10781	
	Exciting		3.5671	3.2850	9.092	3.01535	
	Thrilling		3.4145	2.8800	9.342	3.05651	
	Wide-Awake		3.4669	2.7700	8.898	2.98297	
	Entertaining		3.6295	3.2700	9.609	3.09978	
	Interesting		4.0590	4.9900	10.045	3.16931	
	Energizing		3.0155	2.0450	9.051	3.00844	
	Panicked		6.6943	7.1850	10.130	3.18270	
Dominance		42					.975
	In Control		3.2829	2.3050	9.319	3.05263	
	In Charge		2.8717	2.1300	9.773	3.12612	
	Important		3.1298	2.0400	9.748	3.12218	
	Included		3.0505	2.3800	10.496	3.23968	
	Free		3.3538	2.9400	10.187	3.19168	
	Powerful		3.3840	2.7350	9.579	3.09499	
	Knowledgeable		3.0998	1.8900	10.808	3.28759	

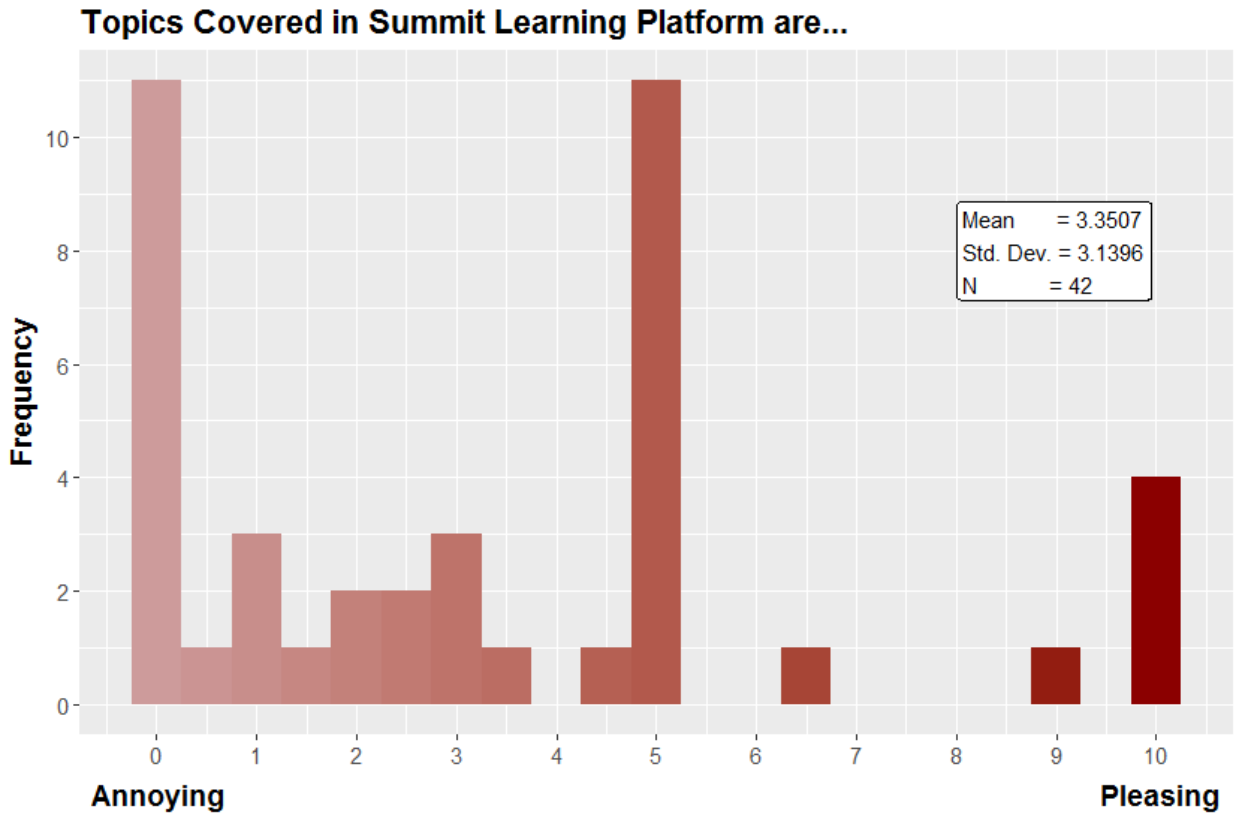

Topics Covered in Summit Learning Platform are...
Mean = 3.4826
Std. Dev. = 3.1756
N = 42
Frequency
Not Enjoyable
Enjoyable

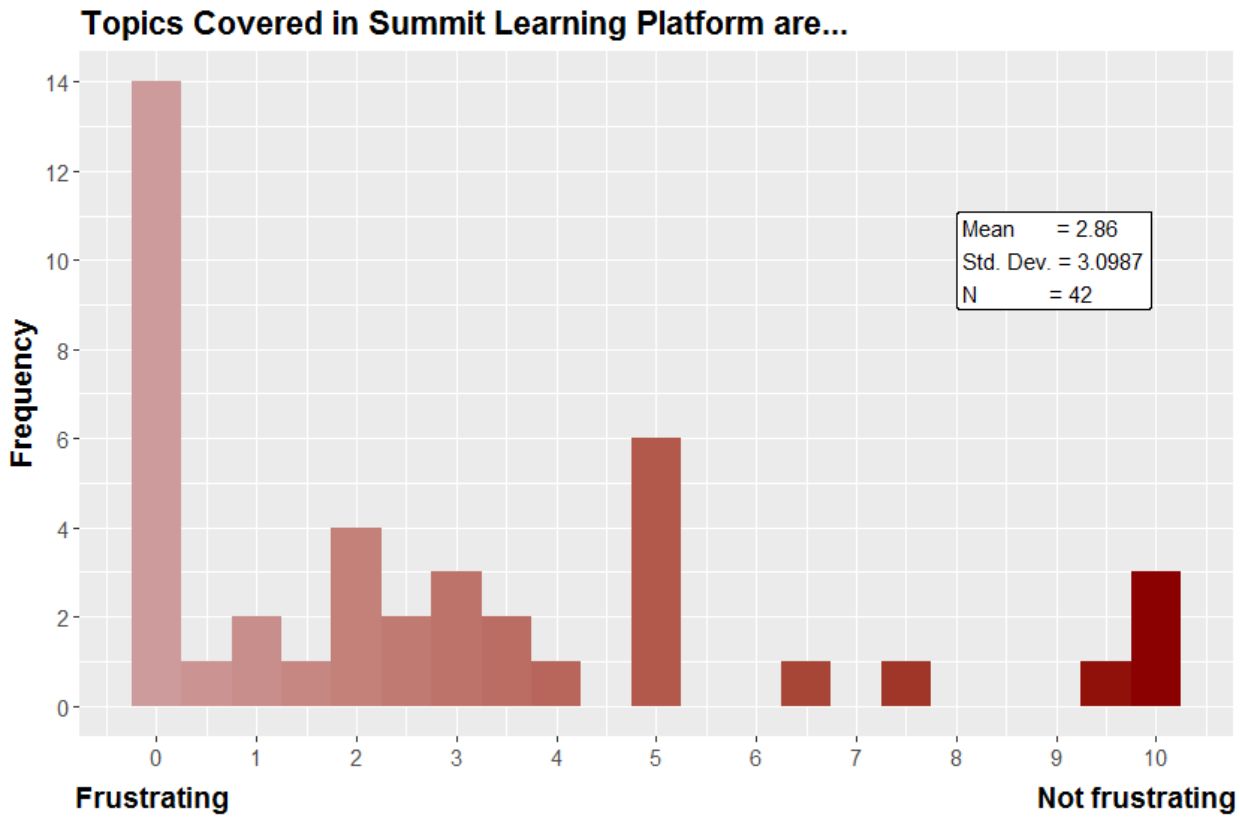

Topics Covered in Summit Learning Platform are...
Mean = 3.6669
Std. Dev. = 3.096
N = 42
Frequency
Unappealing
Appealing

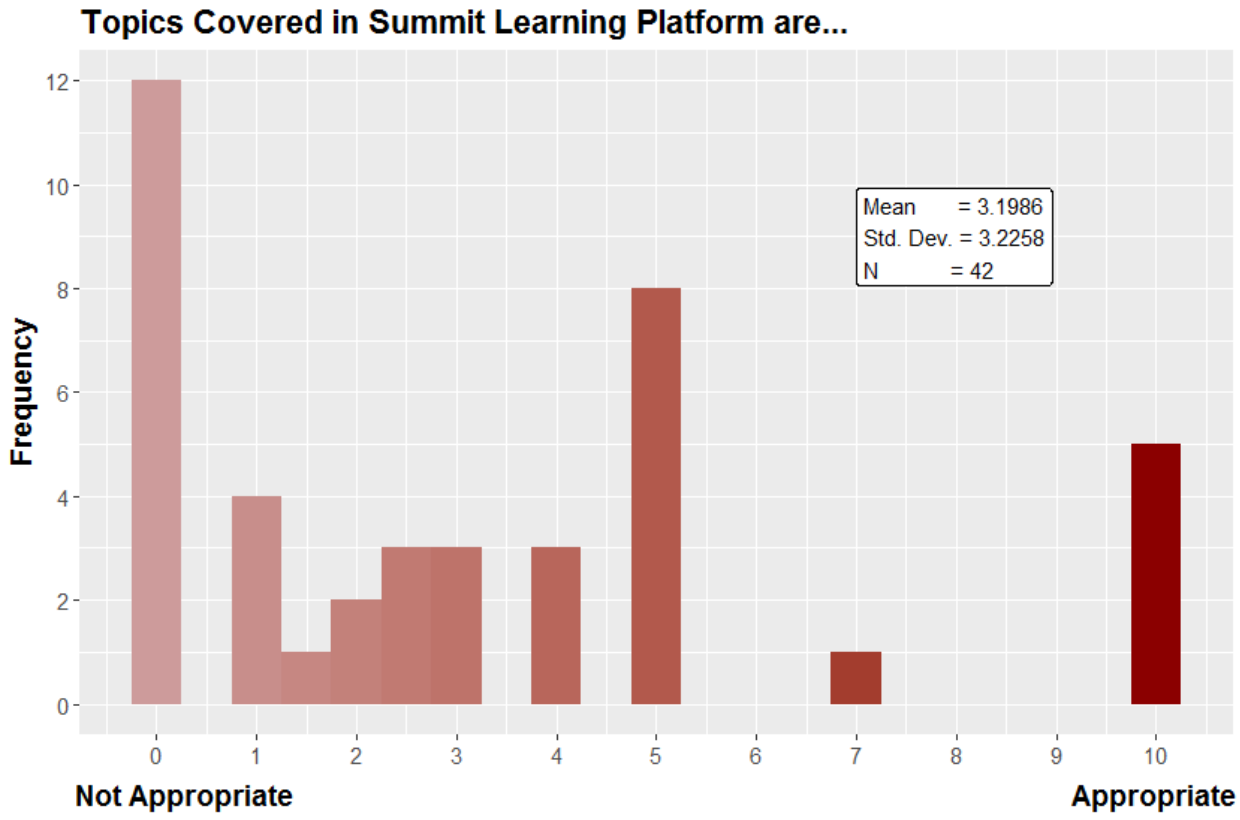

Topics Covered in Summit Learning Platform are...
Mean = 3.4117
Std. Dev. = 3.1574
N = 42
Frequency
0
1
2
3
4
5
6
7
8
9
10
Not Satisfying
Satisfying

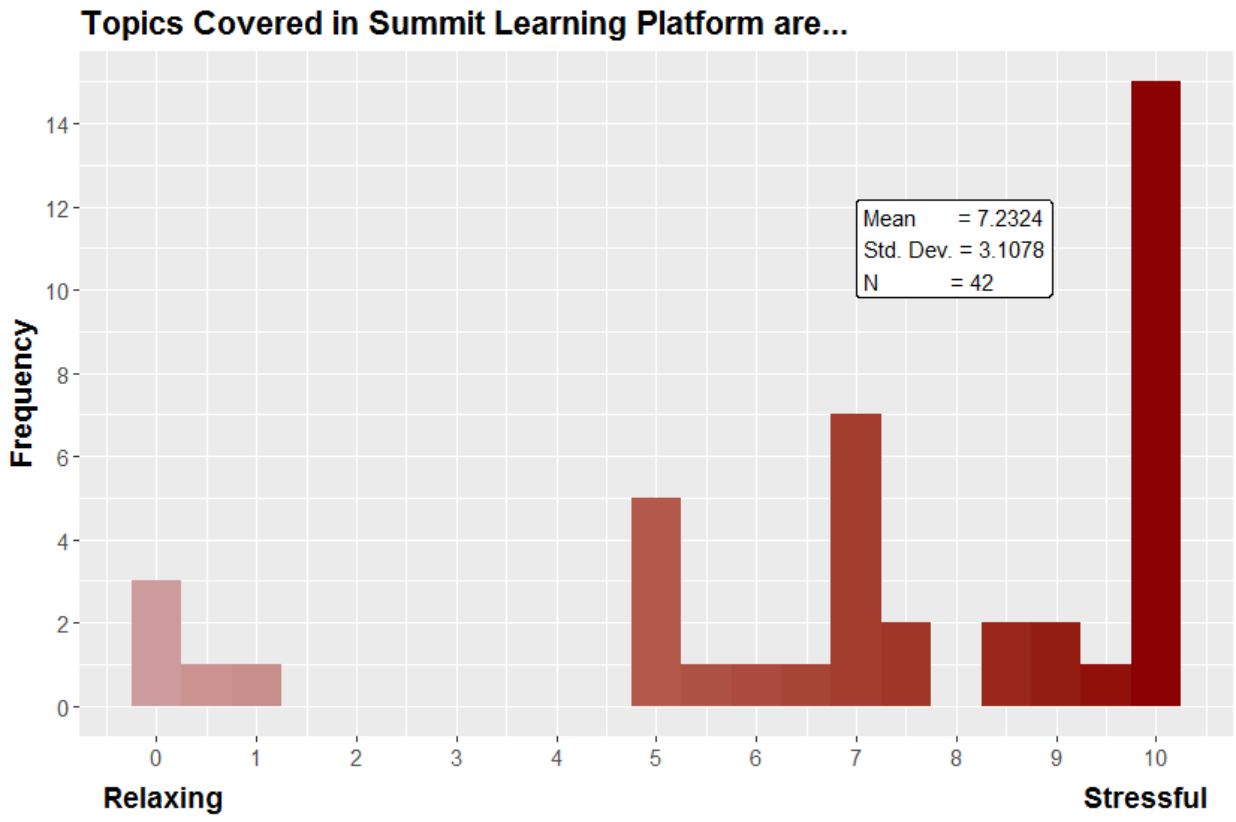

Topics Covered in Summit Learning Platform are...
Mean = 3.7364
Std. Dev. = 3.1018
N = 42
Frequency
0
2
4
6
8
10
12
0
1
2
3
4
5
6
7
8
9
10
Not Fun
Fun

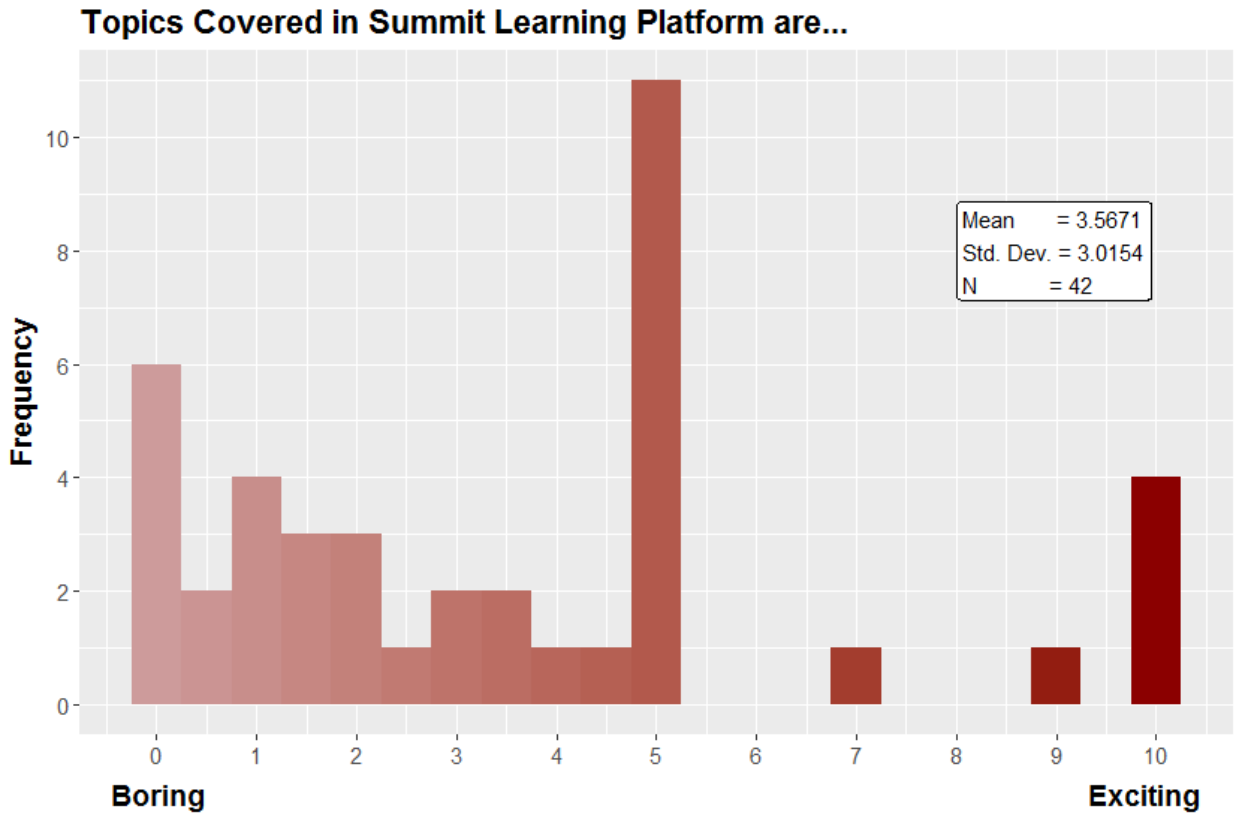

Topics Covered in Summit Learning Platform Make Me Feel...
Mean = 3.3614
Std. Dev. = 3.0621
N = 42
Frequency
0
2
4
6
8
10
0 1 2 3 4 5 6 7 8 9 10
Sad
Happy

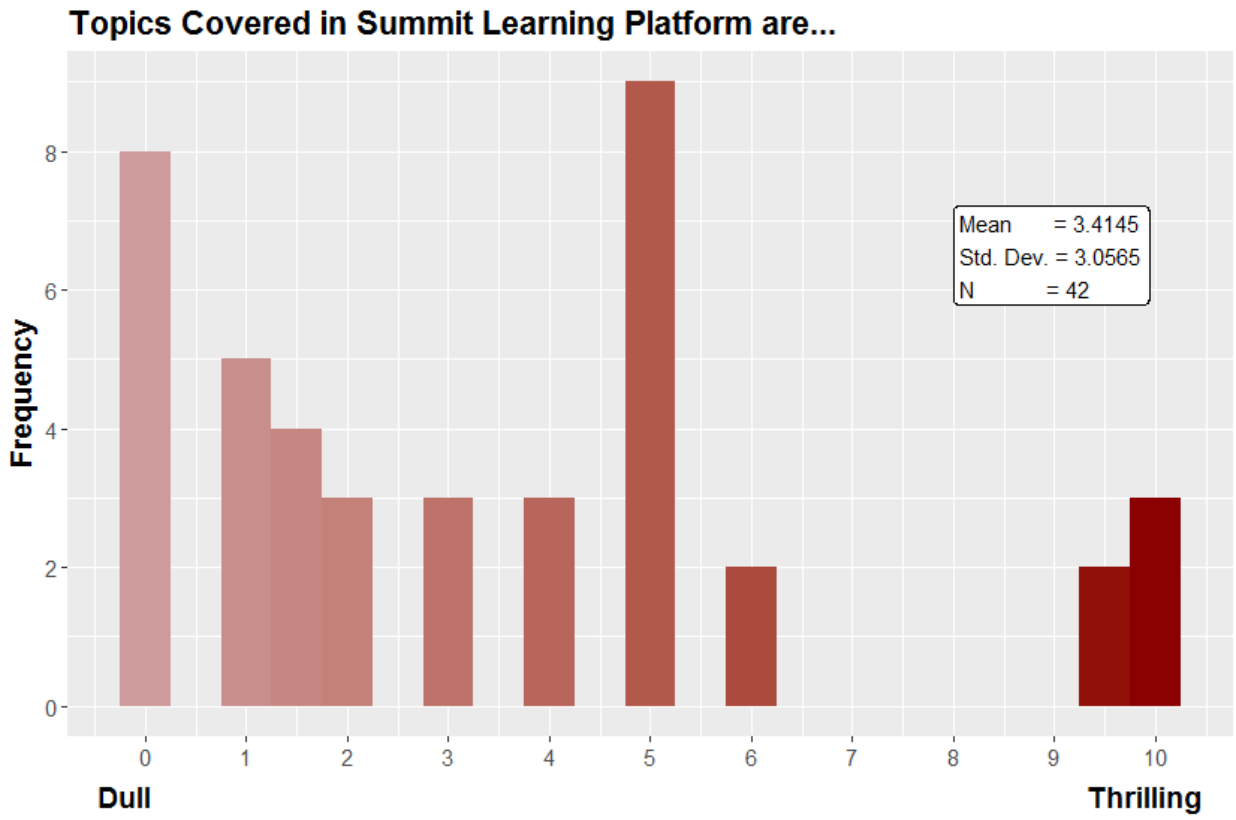

Topics Covered in Summit Learning Platform are...
Mean = 3.3507
Std. Dev. = 3.1396
N = 42
Frequency
0
2
4
6
8
10
0 1 2 3 4 5 6 7 8 9 10
Annoying
Pleasing

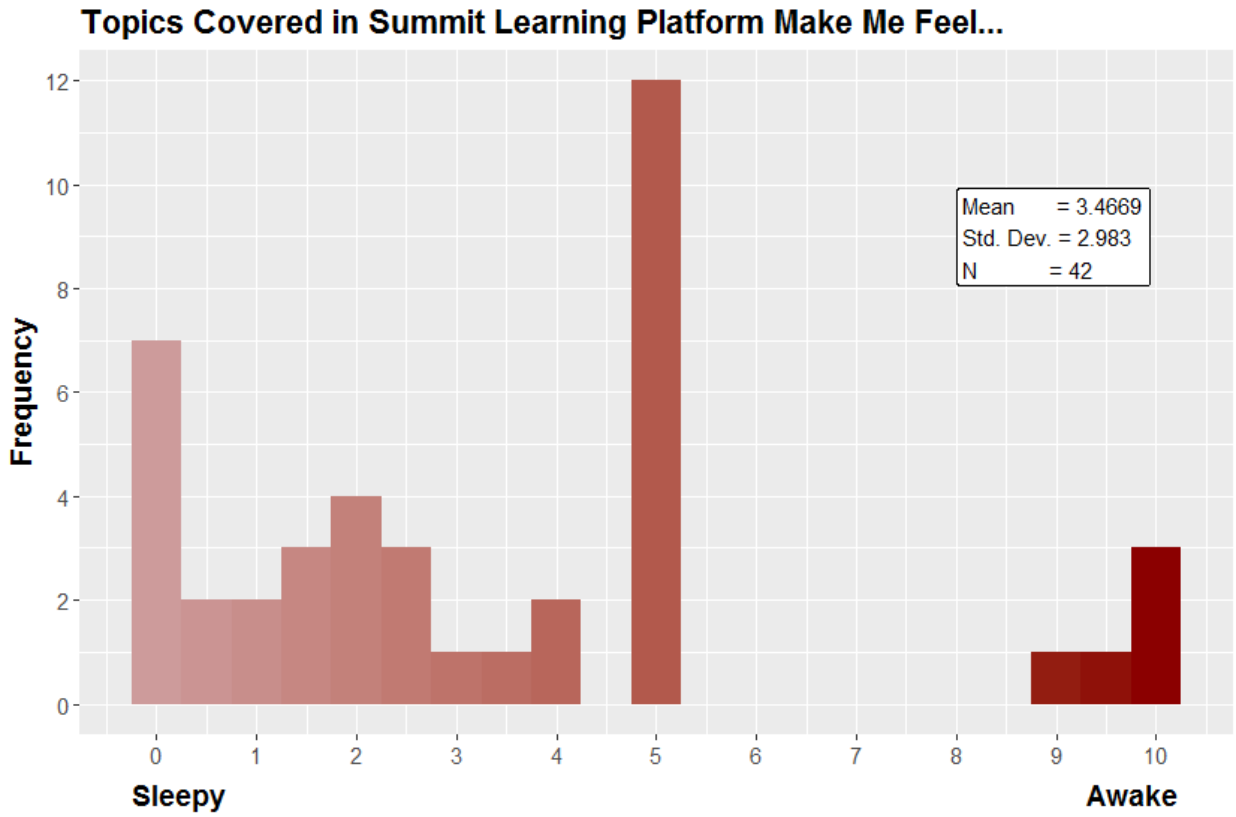

Topics Covered in Summit Learning Platform are...
Mean = 2.86
Std. Dev. = 3.0987
N = 42
Frequency
0
2
4
6
8
10
12
14
0
1
2
3
4
5
6
7
8
9
10
Frustrating
Not frustrating

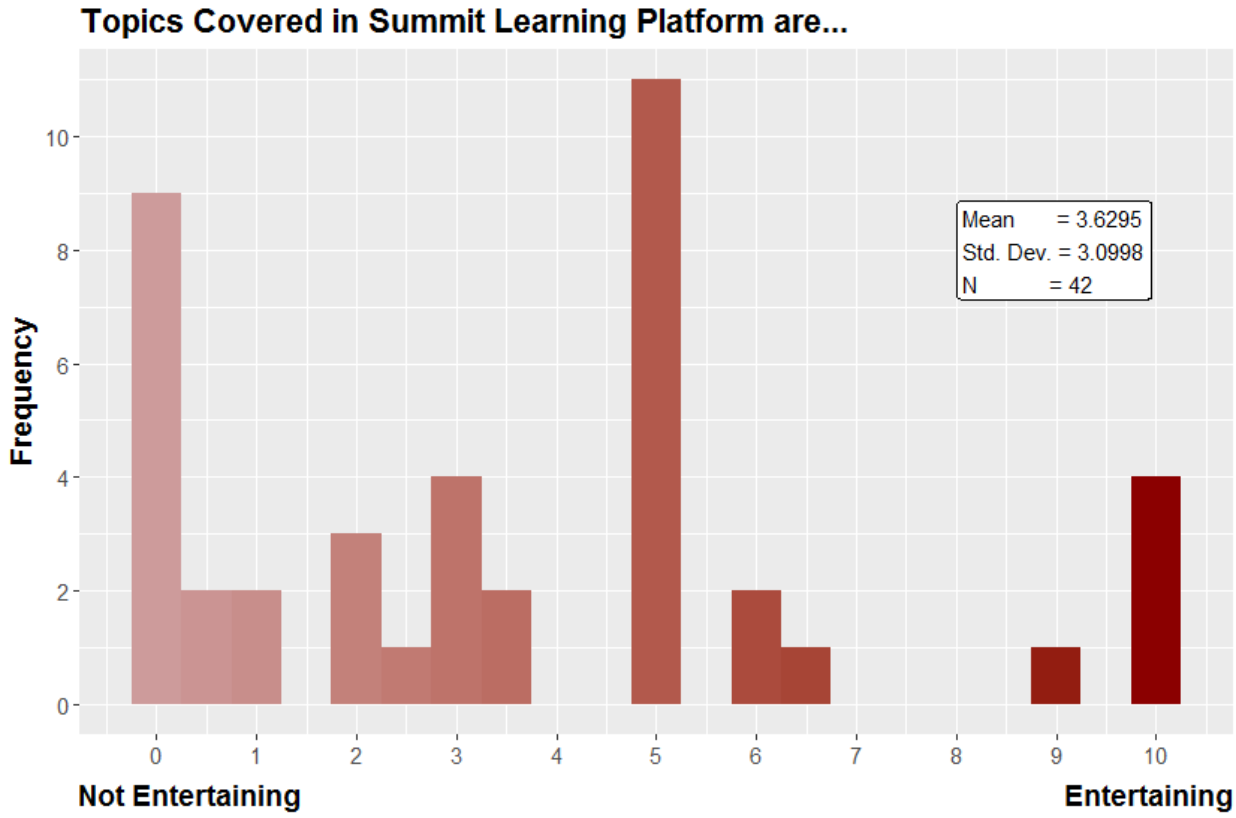

Topics Covered in Summit Learning Platform are...
Mean = 3.1986
Std. Dev. = 3.2258
N = 42
Frequency
0
2
4
6
8
10
12
0
1
2
3
4
5
6
7
8
9
10
Not Appropriate
Appropriate

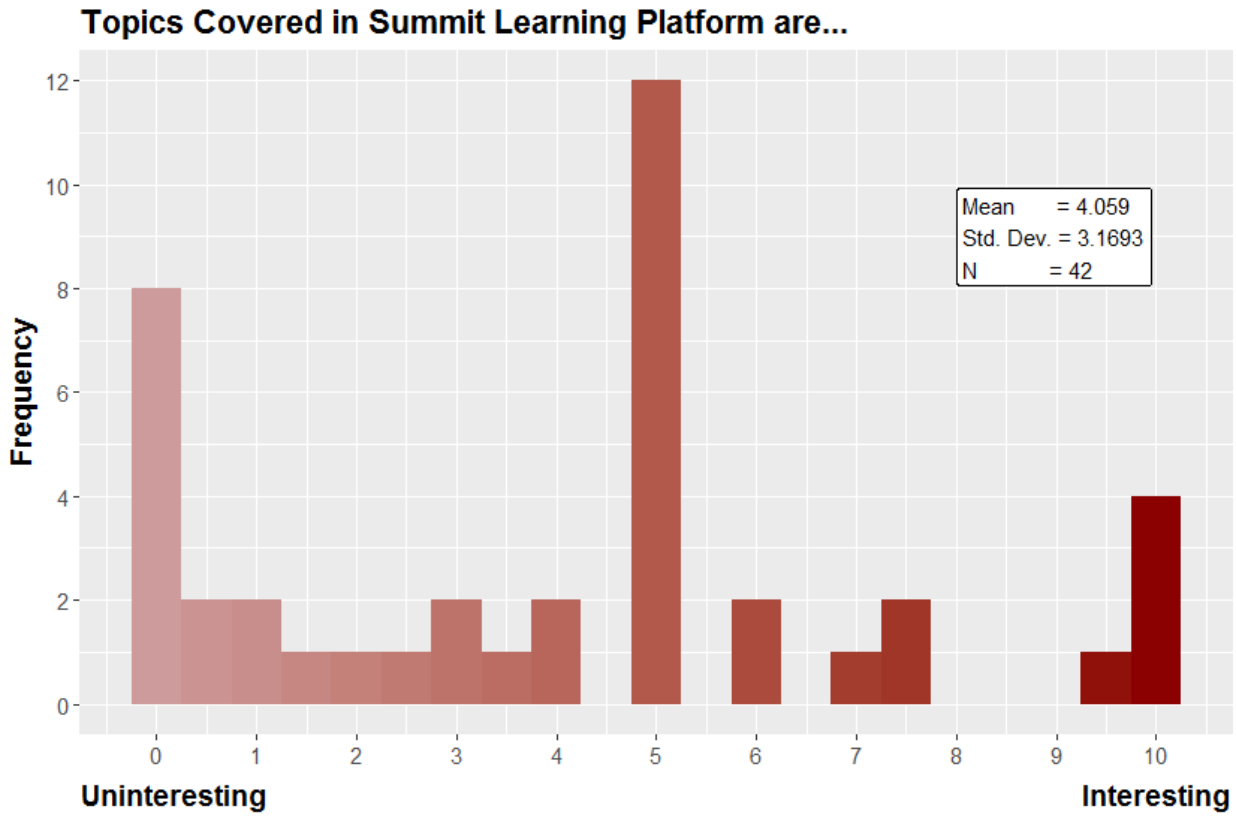

Topics Covered in Summit Learning Platform are...
Mean = 7.2324
Std. Dev. = 3.1078
N = 42
Frequency
0
2
4
6
8
10
12
14
0 1 2 3 4 5 6 7 8 9 10
Relaxing
Stressful

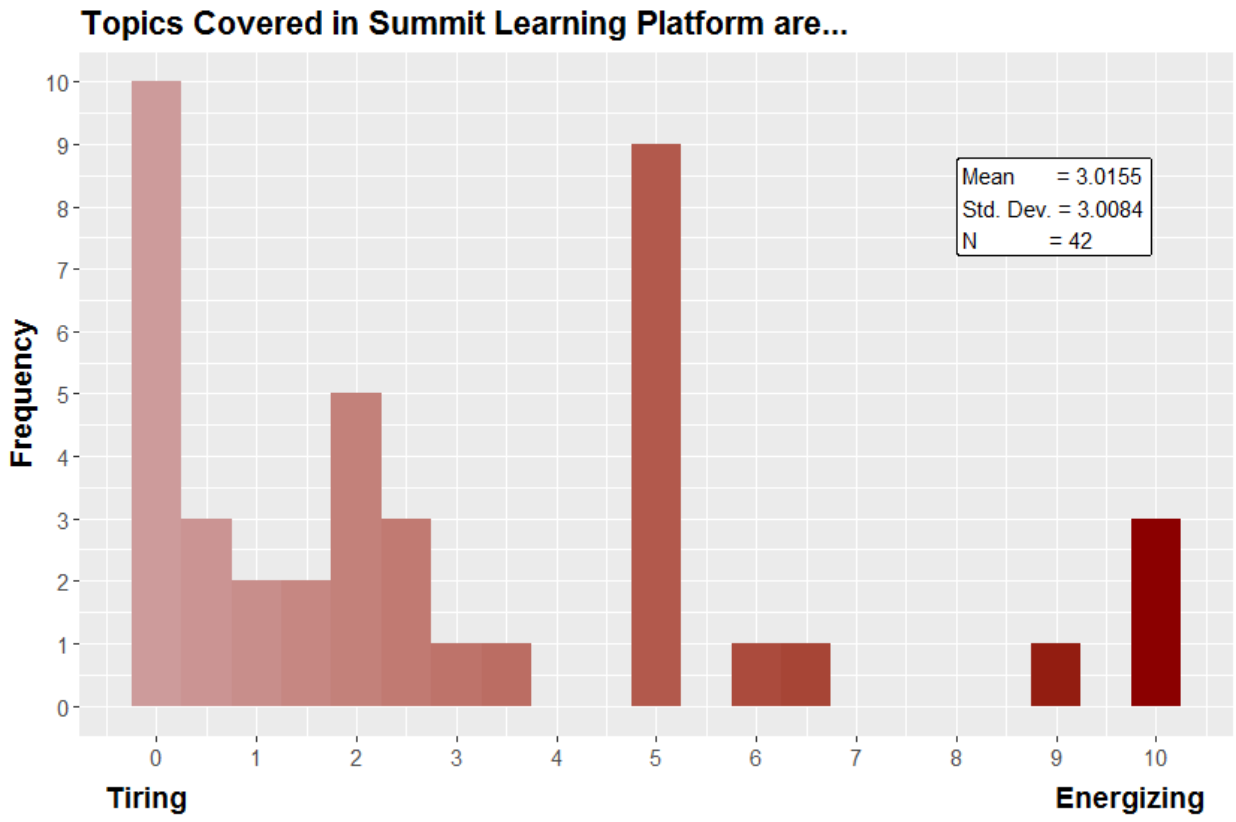

Topics Covered in Summit Learning Platform are...
Mean = 3.5671
Std. Dev. = 3.0154
N = 42
Frequency
0
2
4
6
8
10
0 1 2 3 4 5 6 7 8 9 10
Boring
Exciting

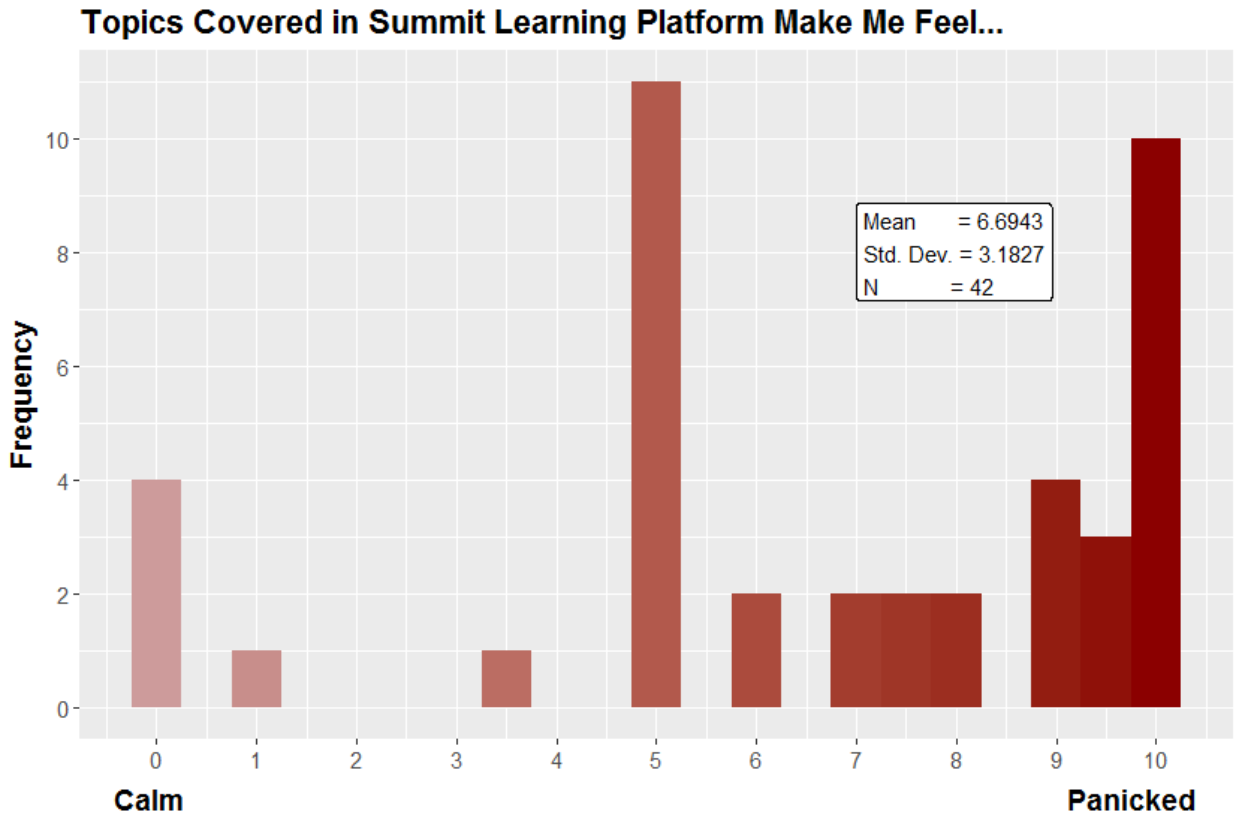

Topics Covered in Summit Learning Platform are...
Frequency
Mean = 3.4145
Std. Dev. = 3.0565
N = 42
Dull
Thrilling

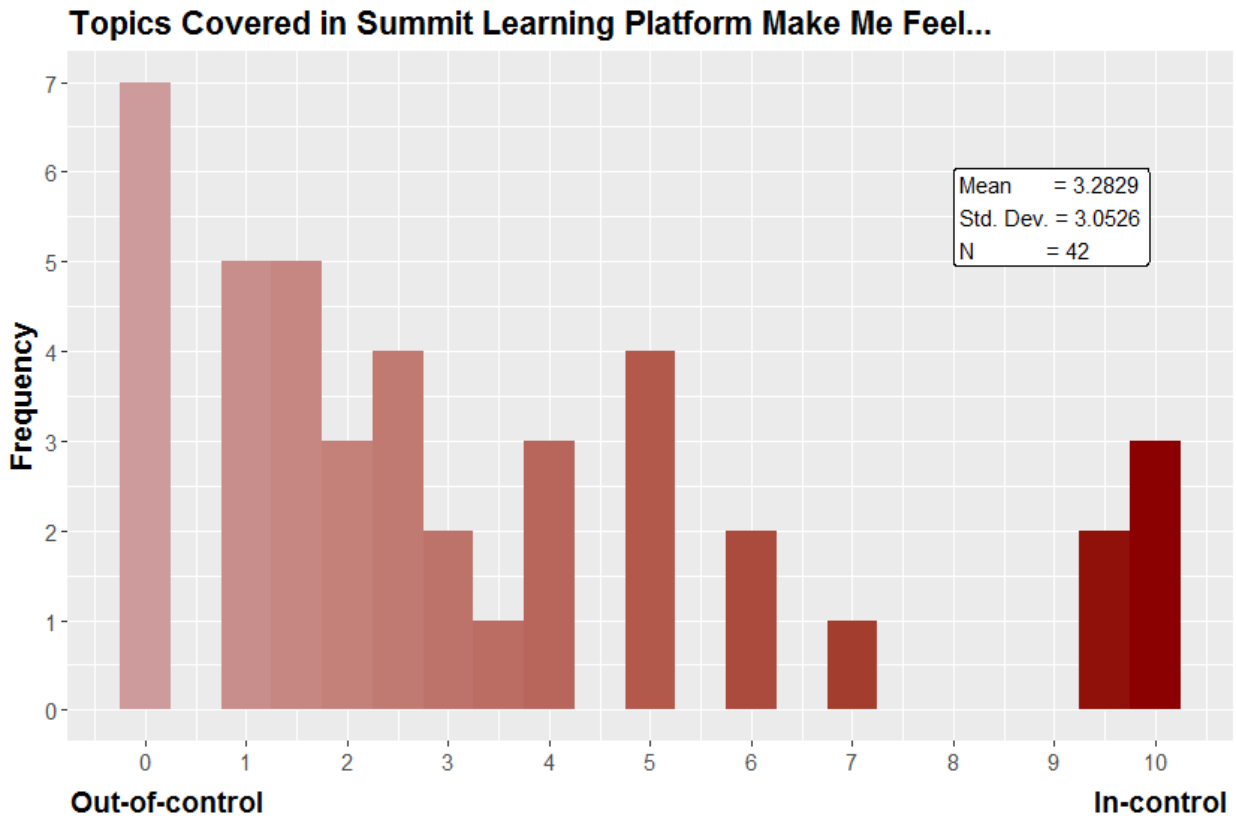

Topics Covered in Summit Learning Platform Make Me Feel...
Frequency
Mean = 3.4669
Std. Dev. = 2.983
N = 42
Sleepy
Awake

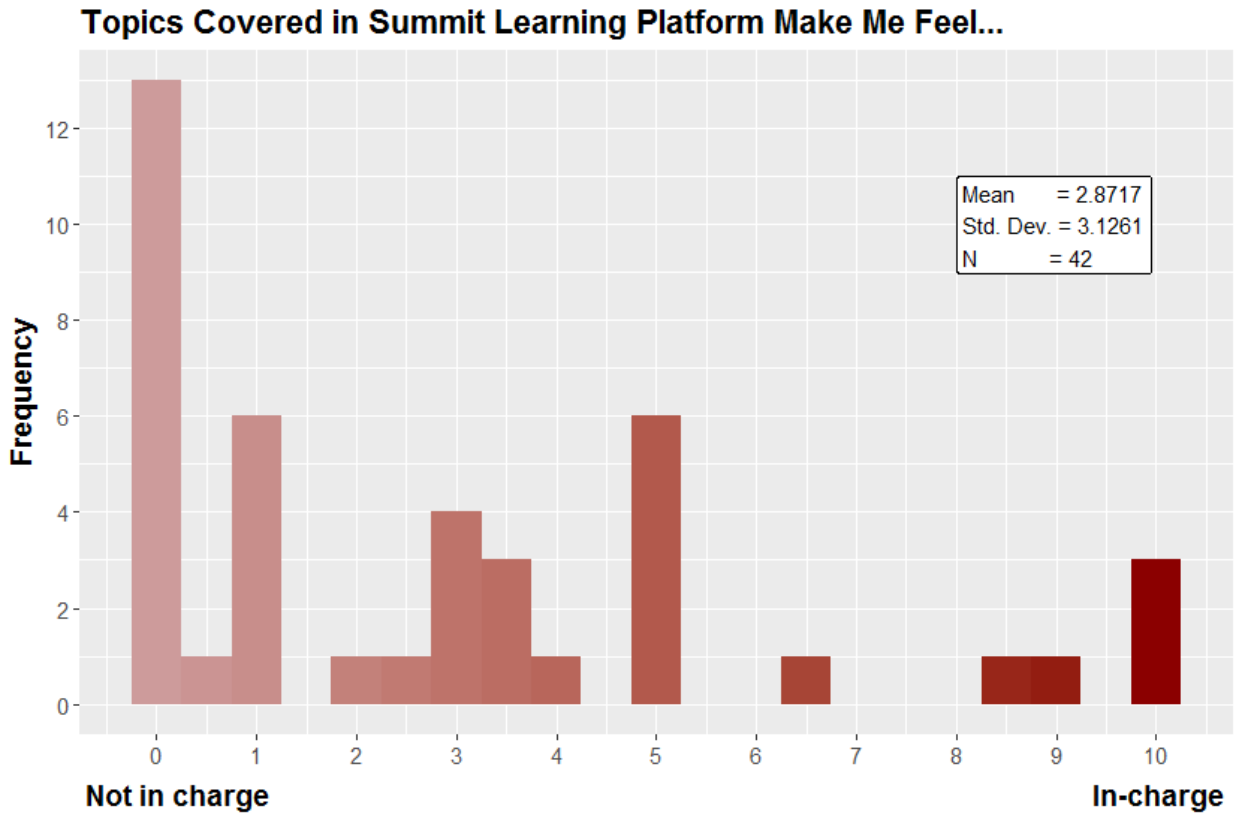

Topics Covered in Summit Learning Platform are...
Mean = 3.6295
Std. Dev. = 3.0998
N = 42
Frequency
0
2
4
6
8
10
0 1 2 3 4 5 6 7 8 9 10
Not Entertaining
Entertaining

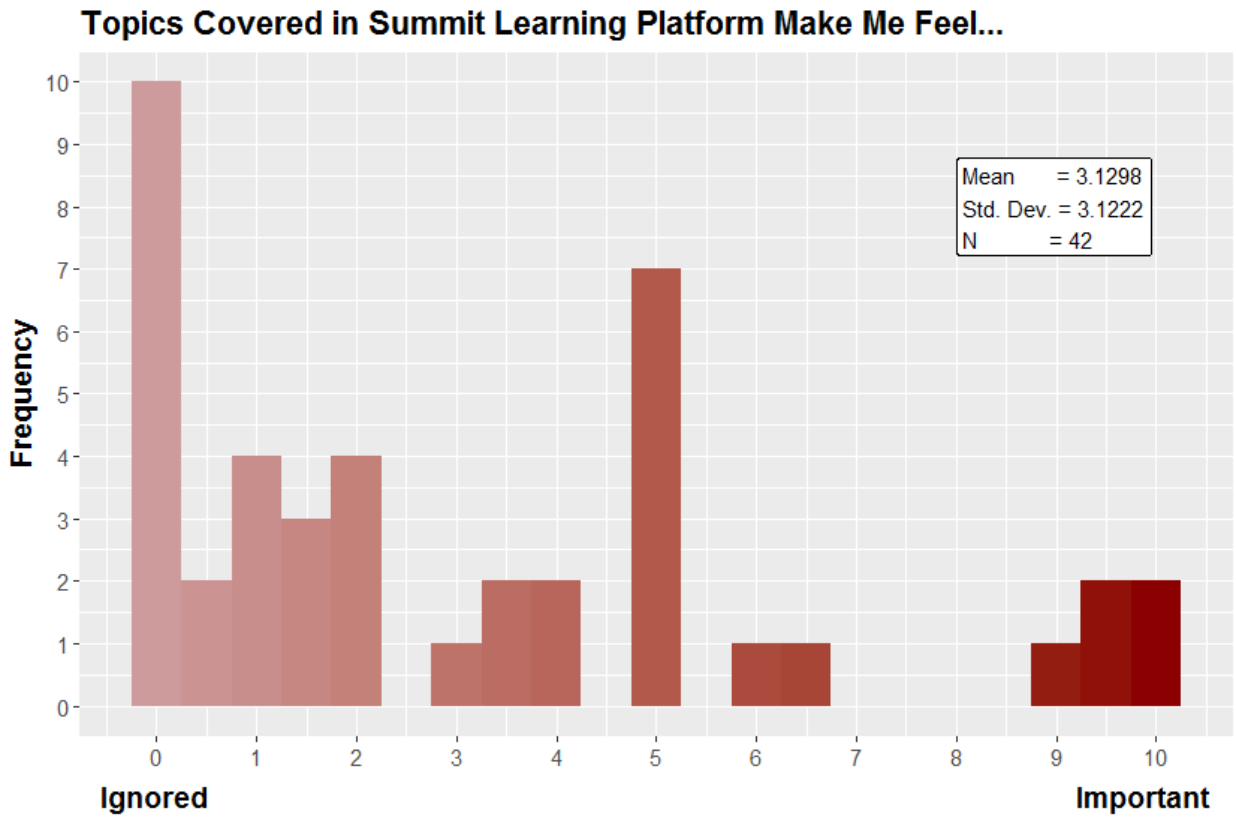

Topics Covered in Summit Learning Platform are...
Mean = 4.059
Std. Dev. = 3.1693
N = 42
Frequency
0
2
4
6
8
10
12
0 1 2 3 4 5 6 7 8 9 10
Uninteresting
Interesting

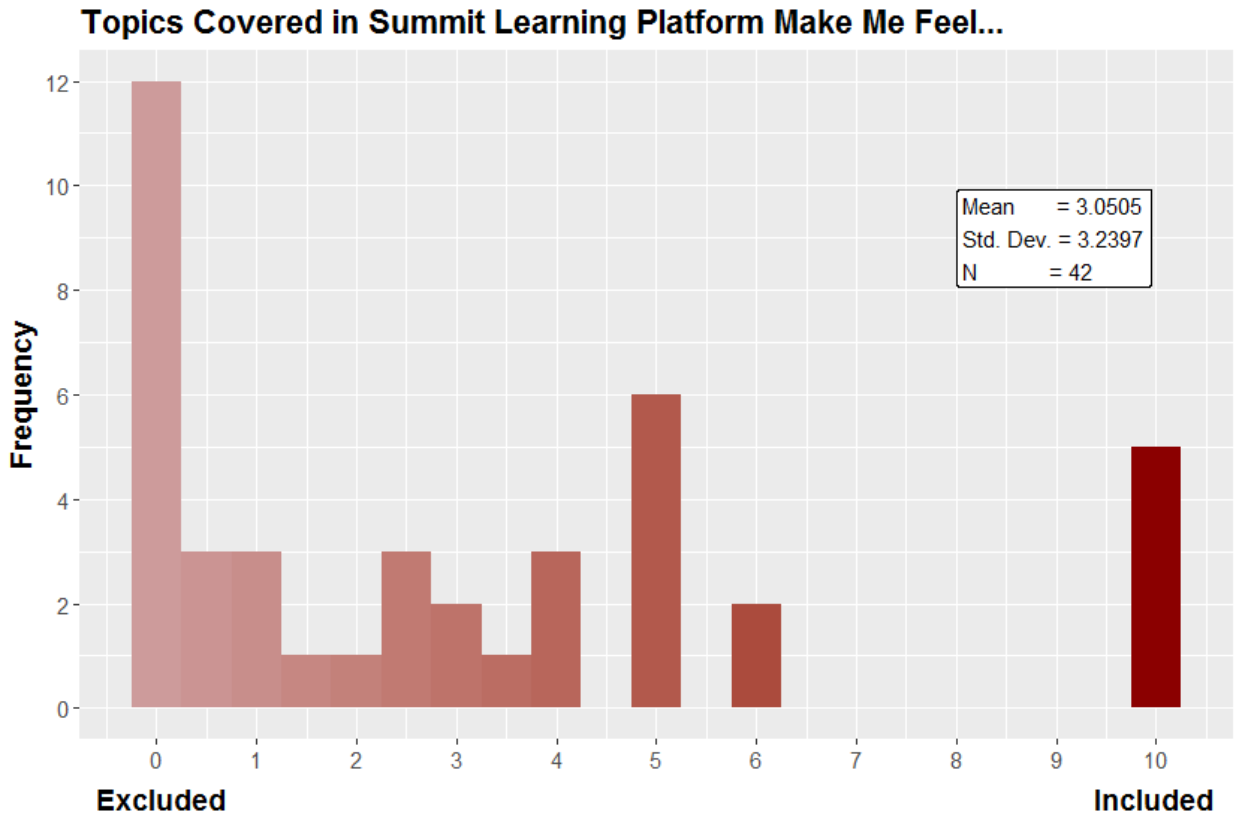

Topics Covered in Summit Learning Platform are...
Mean = 3.0155
Std. Dev. = 3.0084
N = 42
Frequency
0
1
2
3
4
5
6
7
8
9
10
Tiring
Energizing

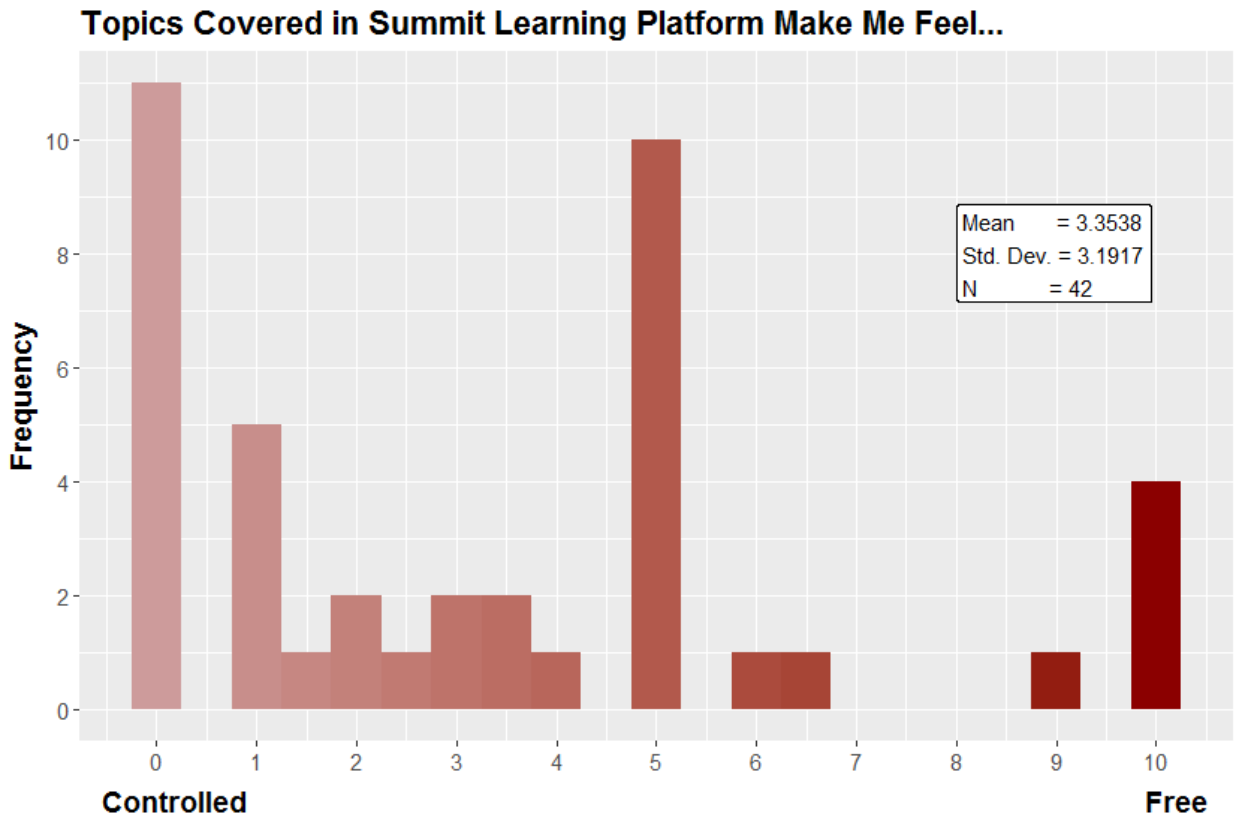

Topics Covered in Summit Learning Platform Make Me Feel...
Mean = 6.6943
Std. Dev. = 3.1827
N = 42
Frequency
0
2
4
6
8
10
Calm
Panicked

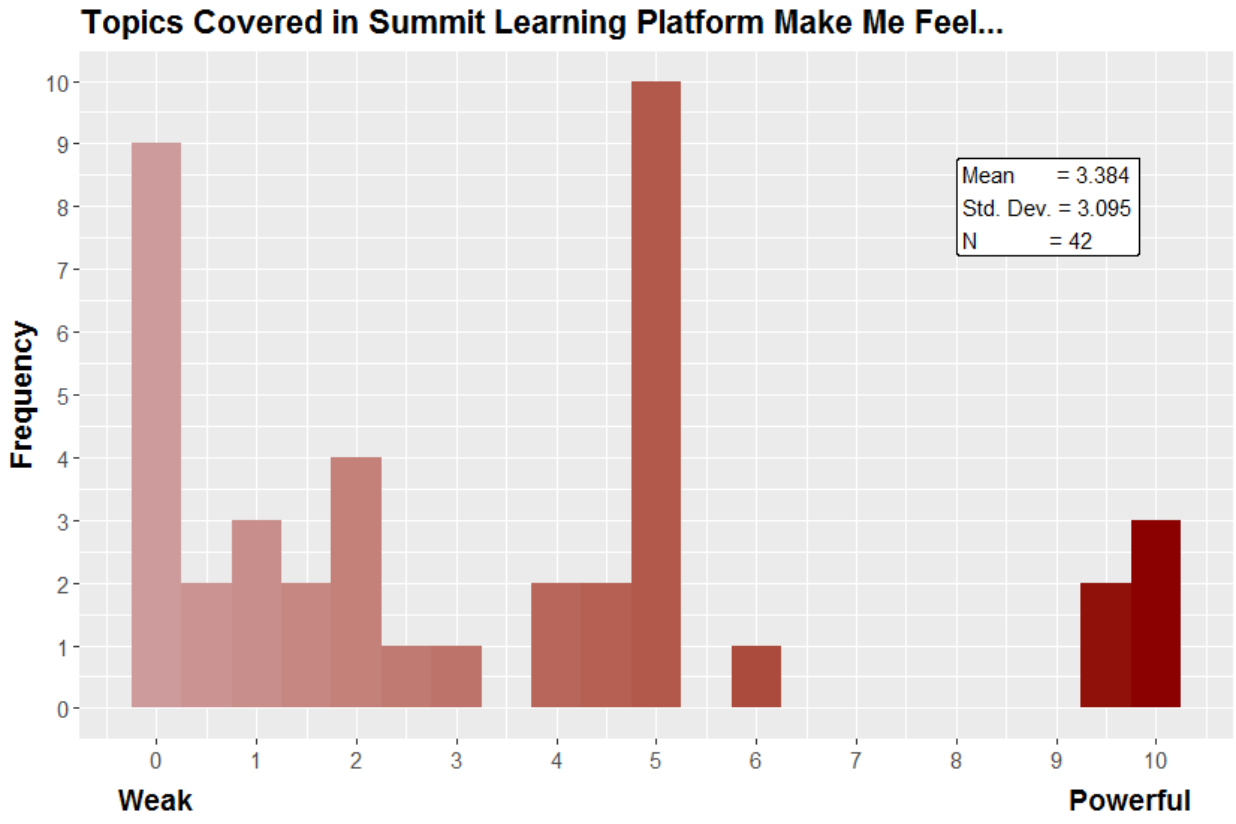

Topics Covered in Summit Learning Platform Make Me Feel...
Mean = 3.2829
Std. Dev. = 3.0526
N = 42
Frequency
0
1
2
3
4
5
6
7
8
9
10
Out-of-control
In-control

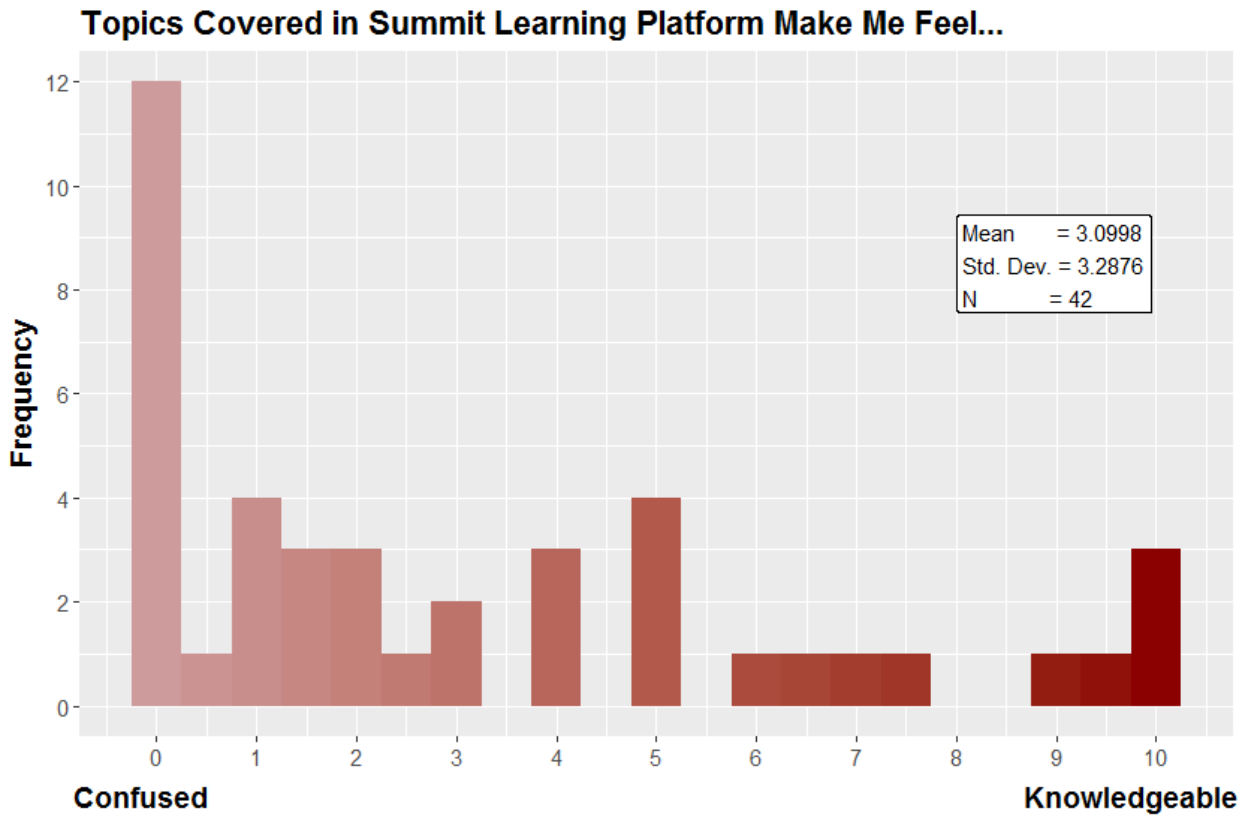

Topics Covered in Summit Learning Platform Make Me Feel...
Mean = 2.8717
Std. Dev. = 3.1261
N = 42
Frequency
0
2
4
6
8
10
12
0
1
2
3
4
5
6
7
8
9
10
Not in charge
In-charge


Topics Covered in Summit Learning Platform Make Me Feel...
Mean = 3.1298
Std. Dev. = 3.1222
N = 42
Frequency
Ignored
Important


Topics Covered in Summit Learning Platform Make Me Feel...
Mean = 3.0505
Std. Dev. = 3.2397
N = 42
Frequency
Excluded
Included


Topics Covered in Summit Learning Platform Make Me Feel...
Mean = 3.3538
Std. Dev. = 3.1917
N = 42
Frequency
0
2
4
6
8
10
0 1 2 3 4 5 6 7 8 9 10
Controlled
Free


Topics Covered in Summit Learning Platform Make Me Feel...
Mean = 3.384
Std. Dev. = 3.095
N = 42
Frequency
0
1
2
3
4
5
6
7
8
9
10
0 1 2 3 4 5 6 7 8 9 10
Weak
Powerful

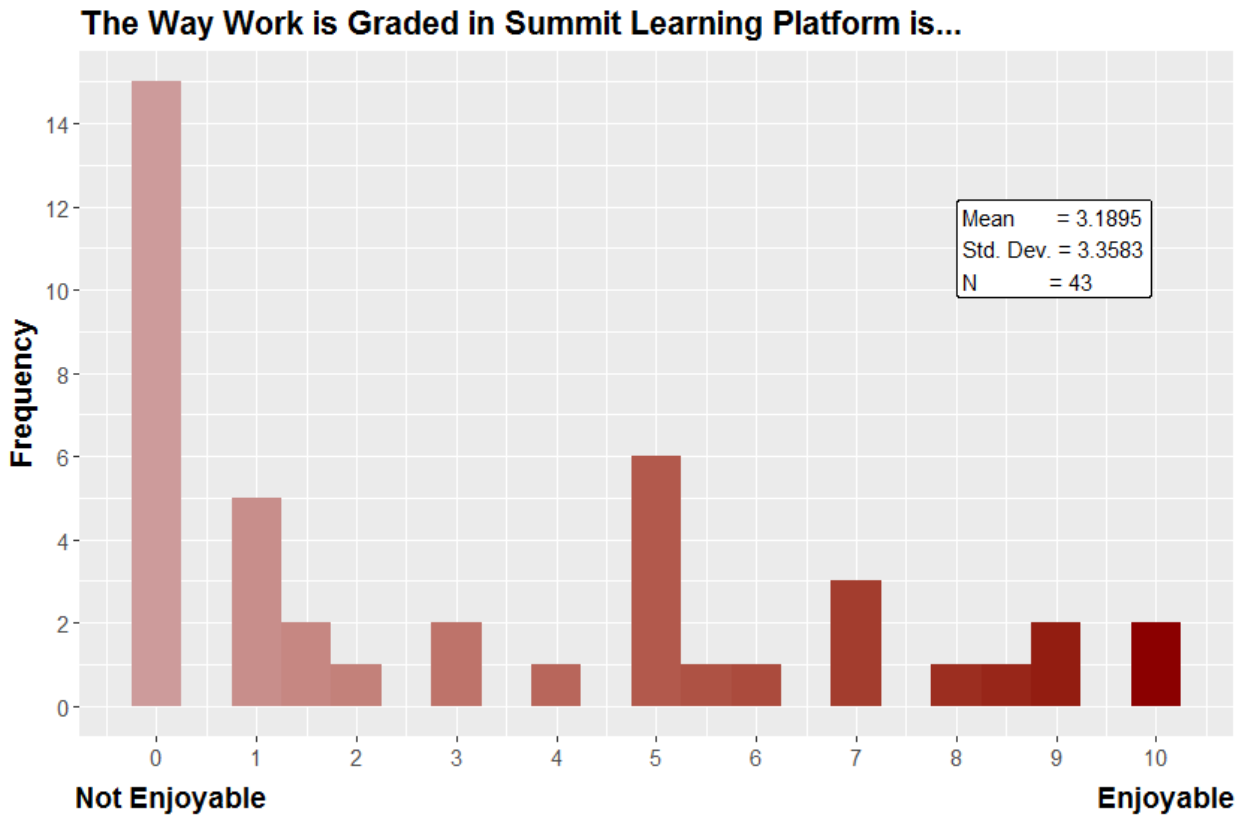

Topics Covered in Summit Learning Platform Make Me Feel...
Frequency
12
10
8
6
4
2
0
Mean = 3.0998
Std. Dev. = 3.2876
N = 42
0
1
2
3
4
5
6
7
8
9
10
Confused
Knowledgeable

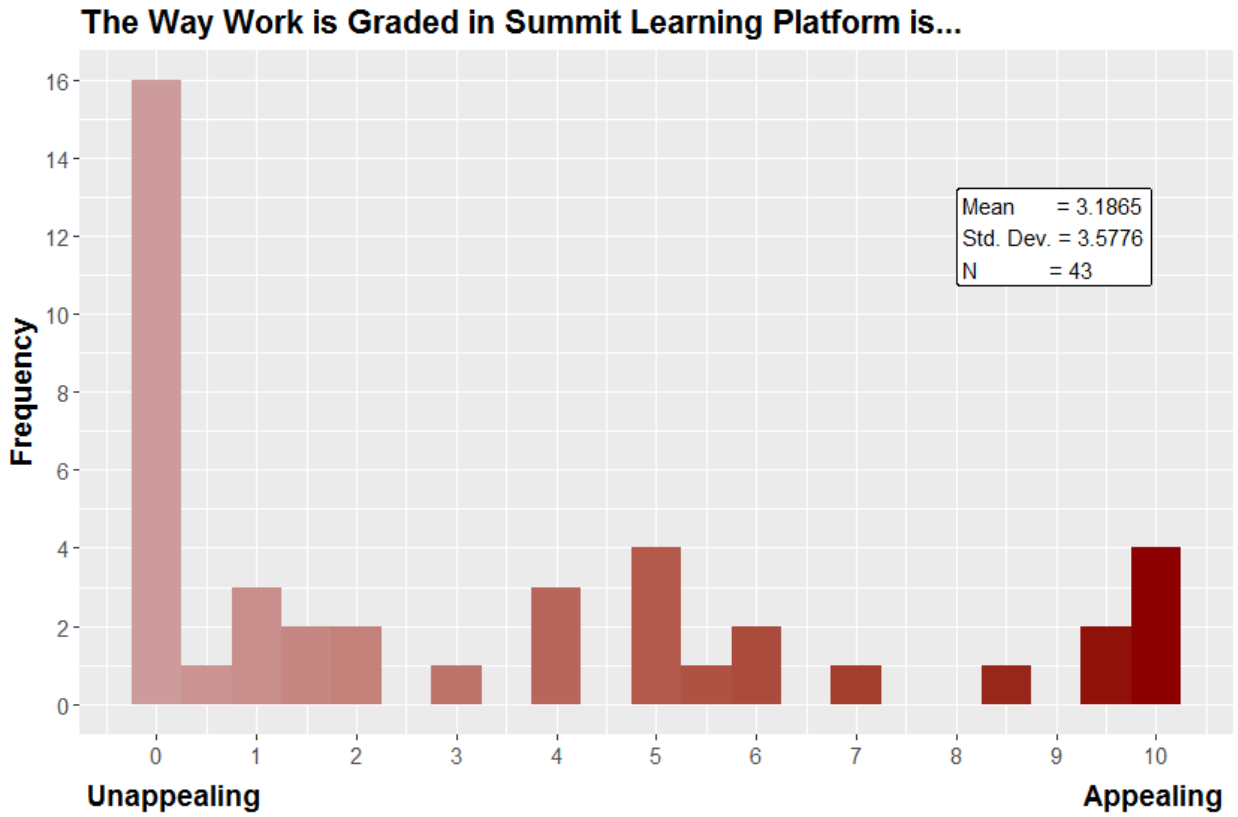
Perceptions of the Way SLP Work is Graded

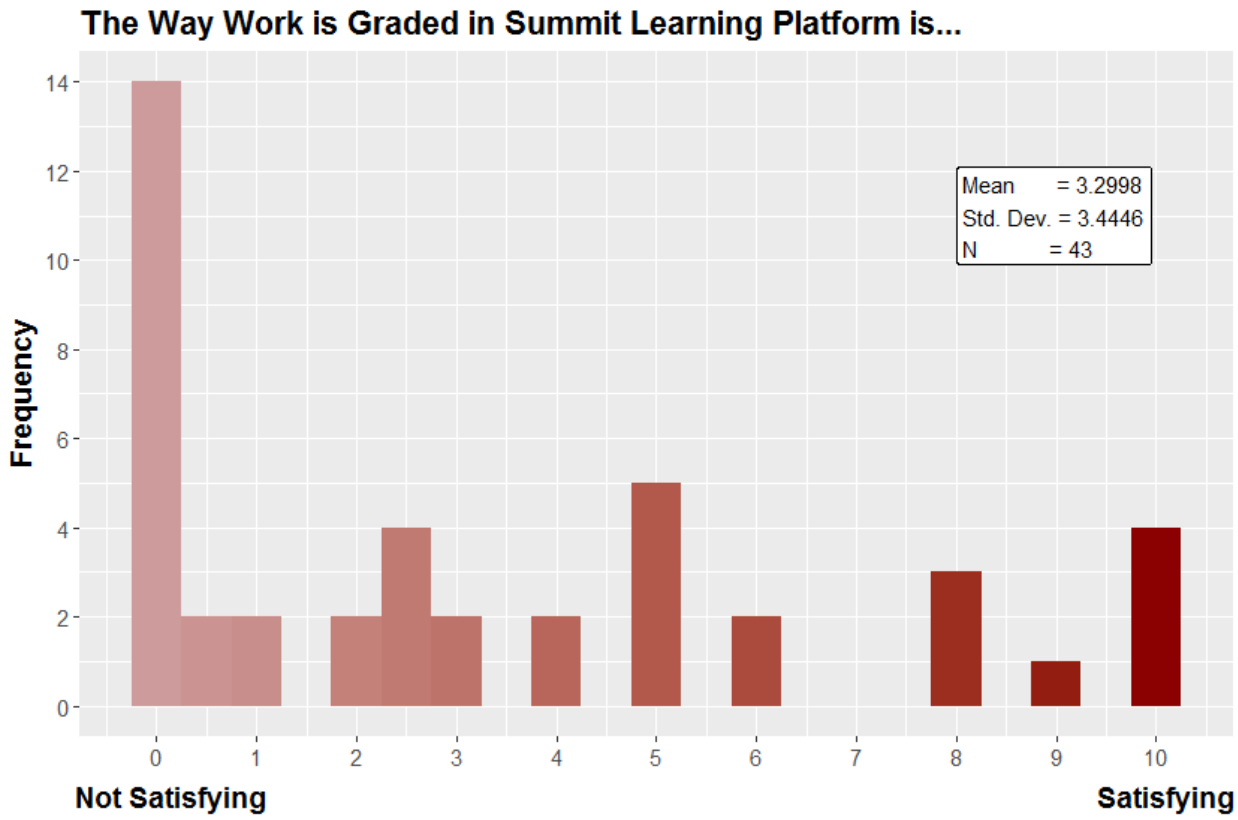
Table 5

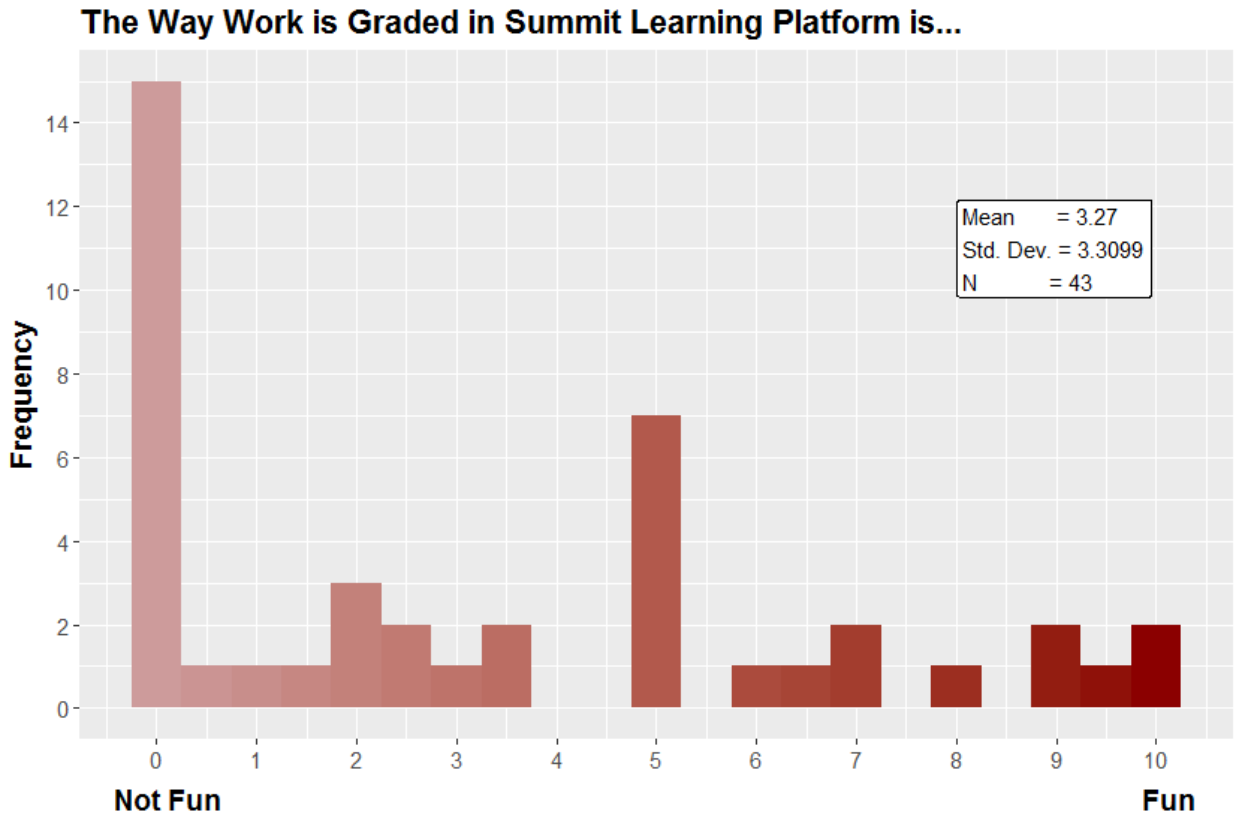
Summary of "The Way Work is Graded" for Parents/Guardians

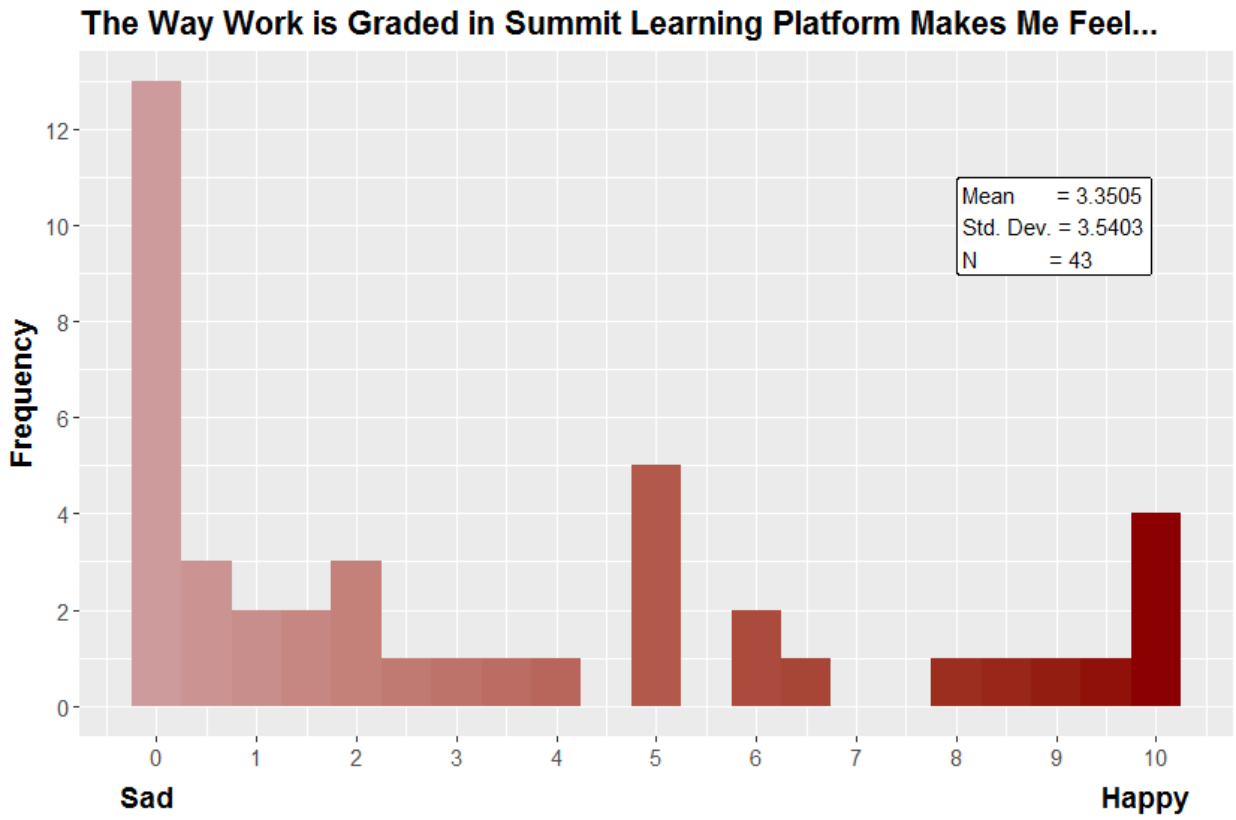
Domain	Semantic Differential	n	Mean	Median	Variance	Standard Deviation	α
Pleasure		43					.987
	Enjoyment		3.1895	1.6600	11.279	3.35835	
	Appealing		3.1865	1.6500	12.799	3.57759	
	Satisfying		3.2998	2.4700	11.865	3.44461	
	Fun		3.2700	2.4100	10.955	3.30989	
	Happy		3.3505	1.9100	12.534	3.54028	
	Pleasing		3.0114	1.9100	11.481	3.38830	
	Not Frustrating		3.2112	1.7900	13.470	3.67017	
	Appropriate		3.3898	2.8000	12.907	3.59269	
Arousal		43					.978
	Stressful		7.0186	8.1000	10.357	3.21819	
	Exciting		3.5926	3.5800	9.931	3.15130	
	Thrilling		3.2472	2.9200	9.696	3.11382	
	Wide-Awake		3.9405	5.0000	8.549	2.92384	
	Entertaining		3.0453	2.0700	9.361	3.05953	
	Interesting		3.4216	2.8200	10.629	3.26027	
	Energizing		3.2440	2.4400	9.610	3.10004	
	Panicked		6.4709	7.4600	10.385	3.22257	
Dominance		43					.980
	In Control		3.4709	2.8800	10.054	3.17085	
	In Charge		3.4279	2.8300	10.418	3.22763	
	Important		3.4298	2.2800	10.919	3.30445	
	Included		3.0651	1.9500	11.581	3.40302	
	Free		3.6500	3.9700	8.891	2.98173	
	Powerful		3.4093	2.8600	9.929	3.15104	
	Knowledgeable		3.4253	2.2800	12.714	3.56566	

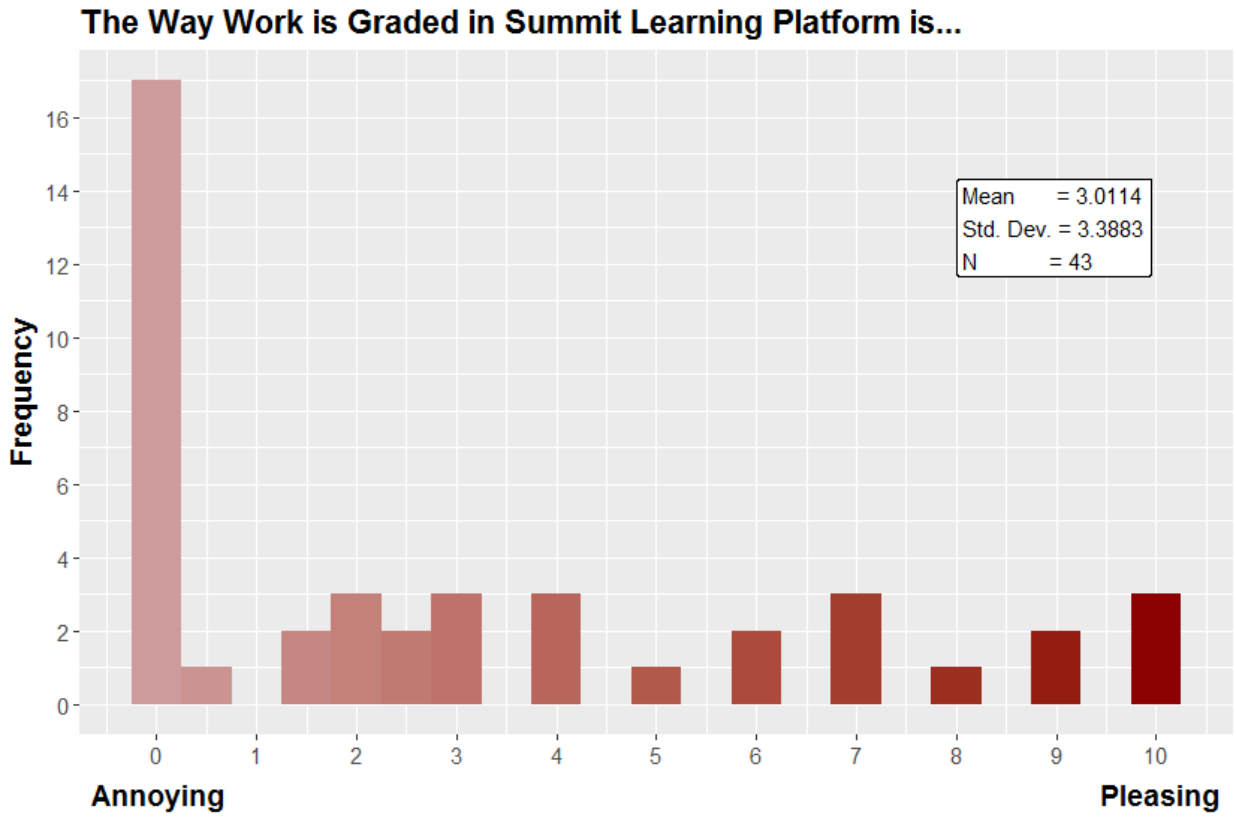

The Way Work is Graded in Summit Learning Platform is...
Frequency
Mean = 3.1895
Std. Dev. = 3.3583
N = 43
Not Enjoyable
Enjoyable

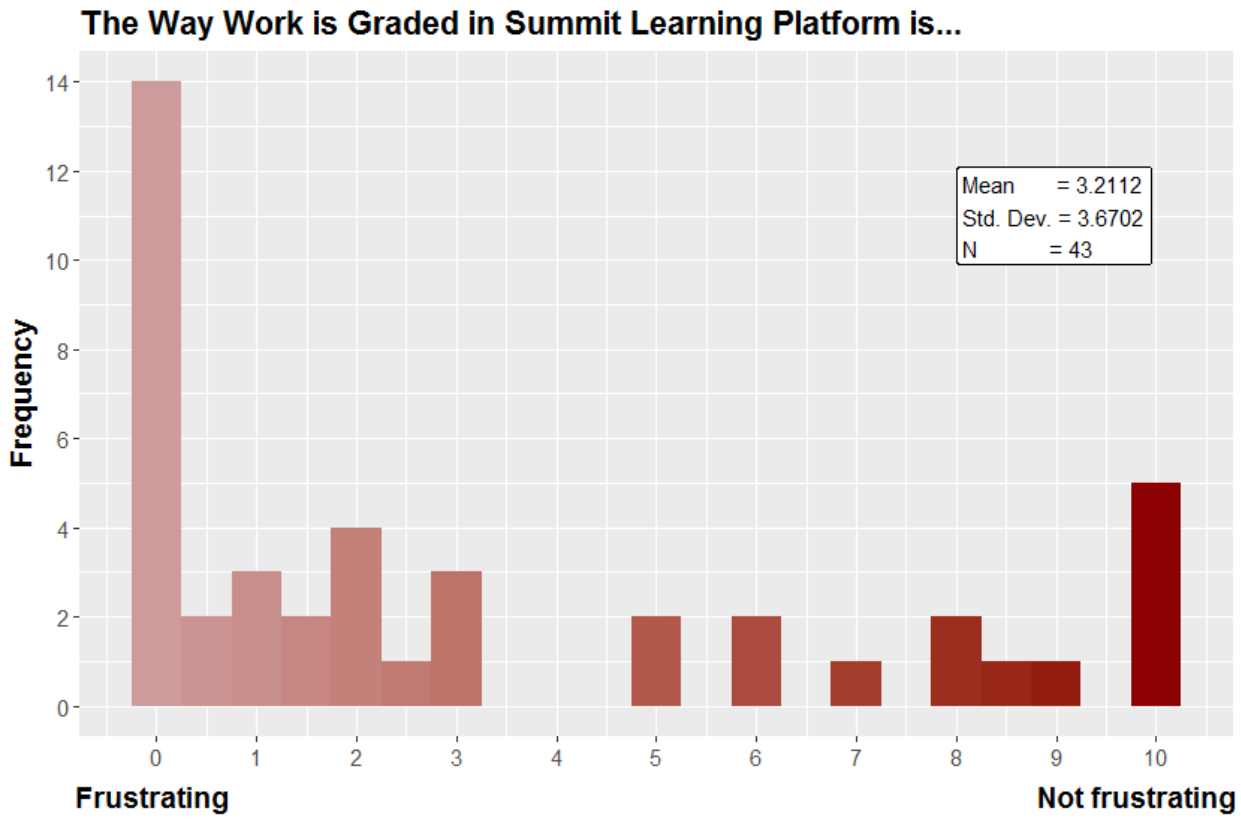

The Way Work is Graded in Summit Learning Platform is...
Frequency
Mean = 3.1865
Std. Dev. = 3.5776
N = 43
Unappealing
Appealing

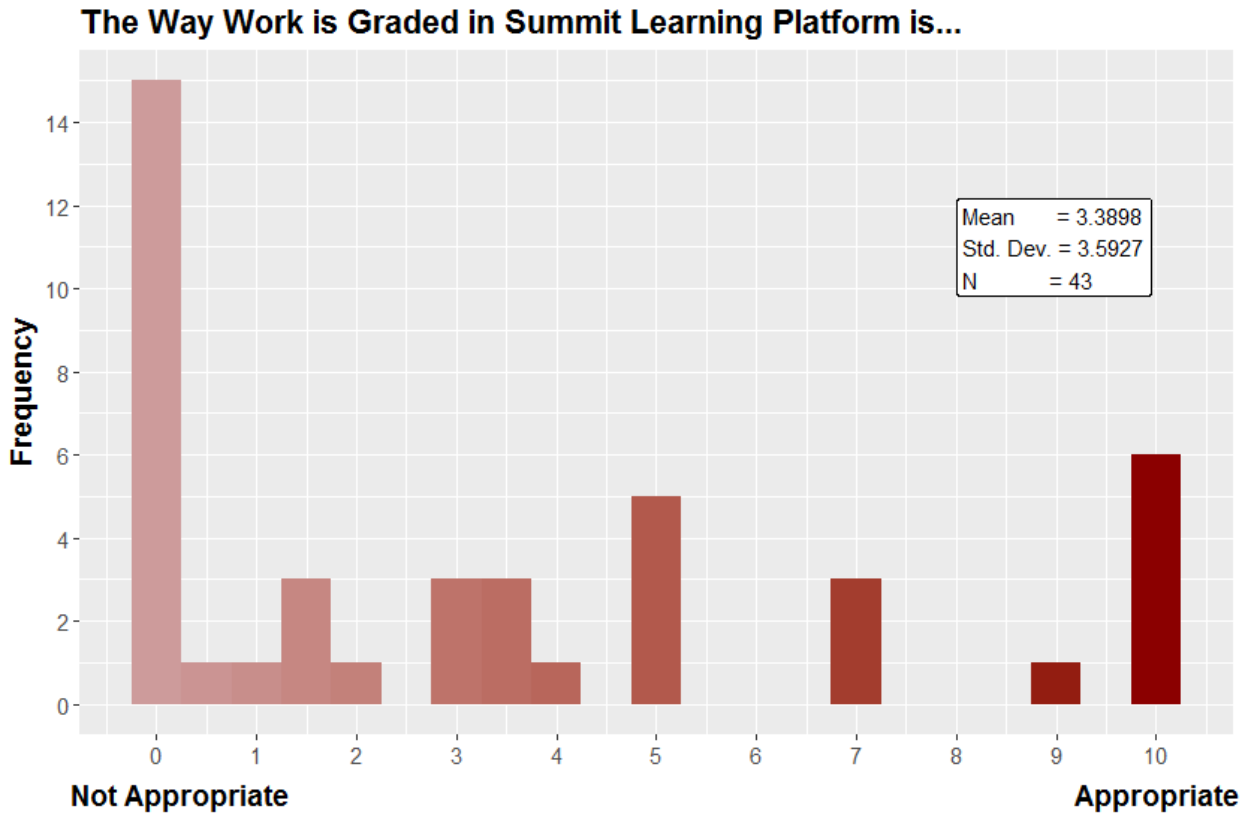

The Way Work is Graded in Summit Learning Platform is...
Mean = 3.2998
Std. Dev. = 3.4446
N = 43
Frequency
0
2
4
6
8
10
12
14
0
1
2
3
4
5
6
7
8
9
10
Not Satisfying
Satisfying

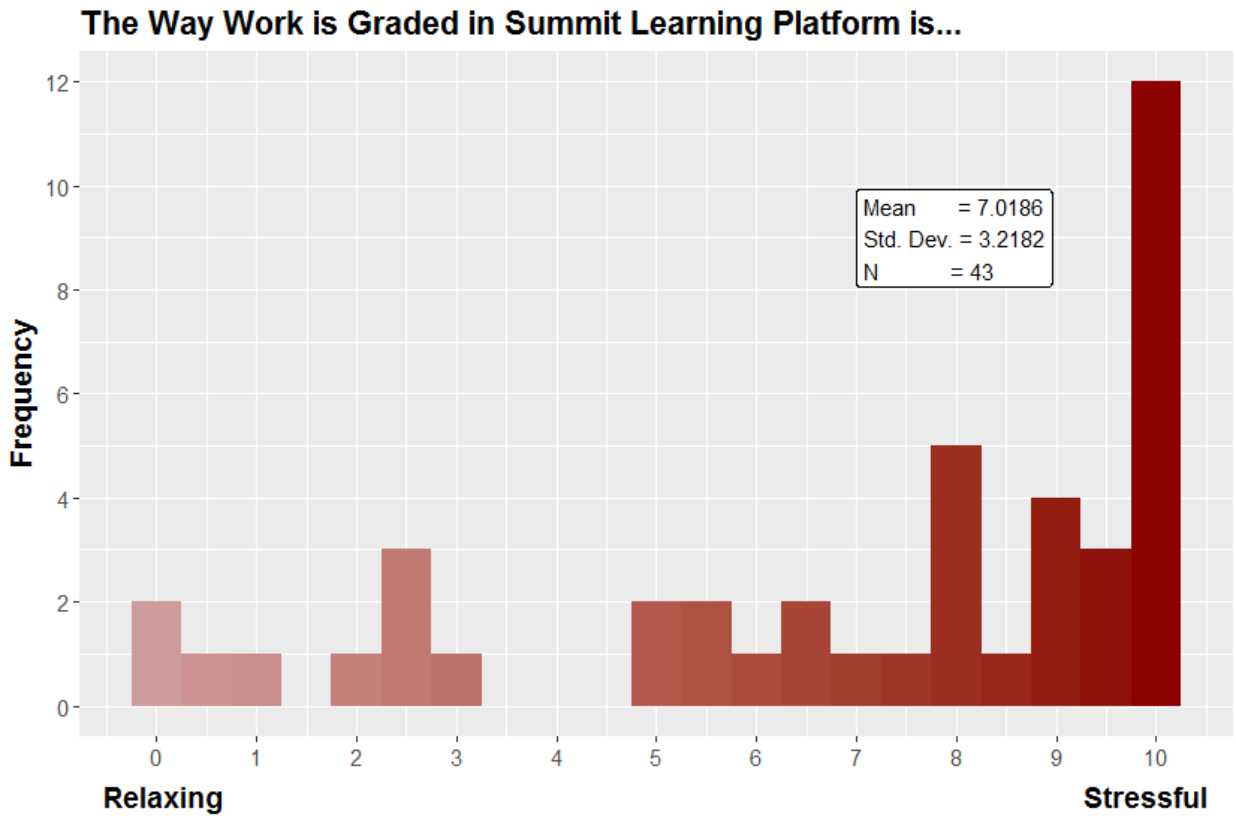

The Way Work is Graded in Summit Learning Platform is...
Mean = 3.27
Std. Dev. = 3.3099
N = 43
Frequency
0
2
4
6
8
10
12
14
0
1
2
3
4
5
6
7
8
9
10
Not Fun
Fun

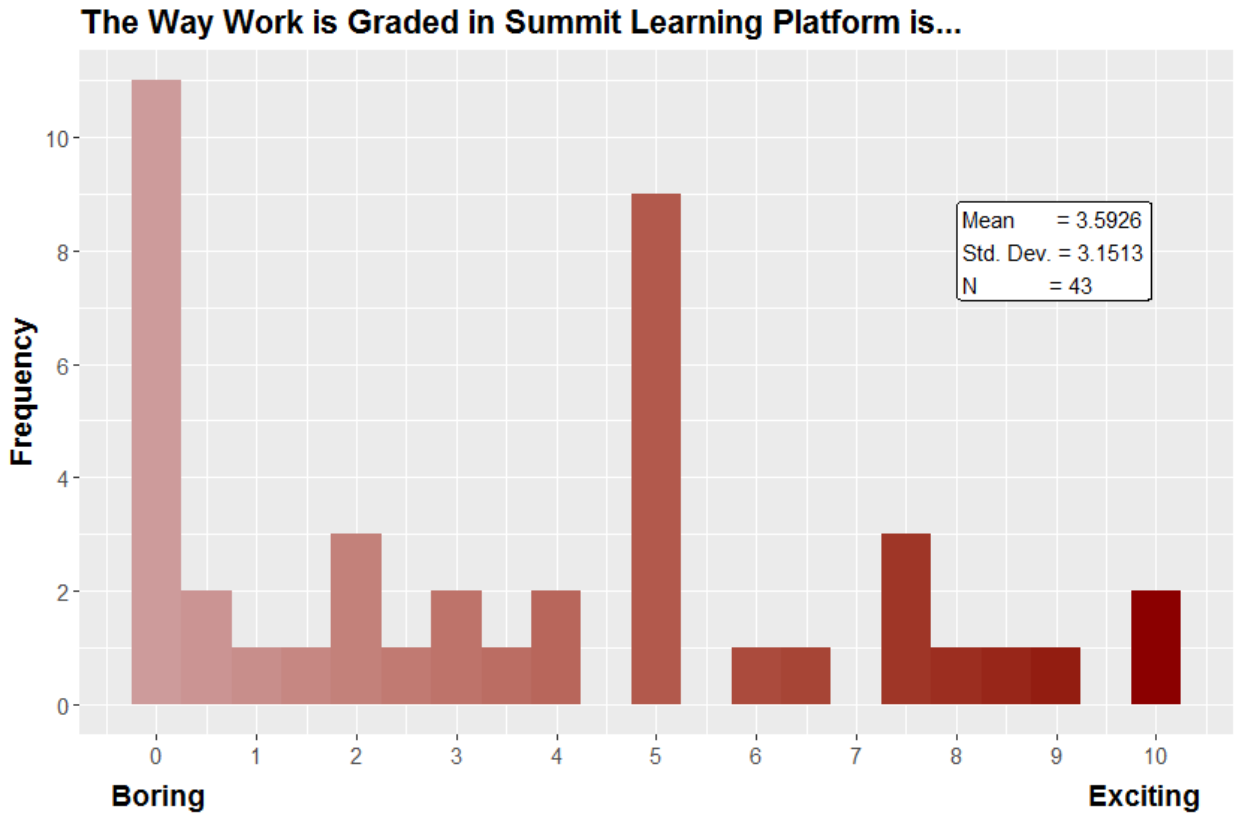

The Way Work is Graded in Summit Learning Platform Makes Me Feel...
Mean = 3.3505
Std. Dev. = 3.5403
N = 43
Frequency
0
2
4
6
8
10
12
0 1 2 3 4 5 6 7 8 9 10
Sad
Happy

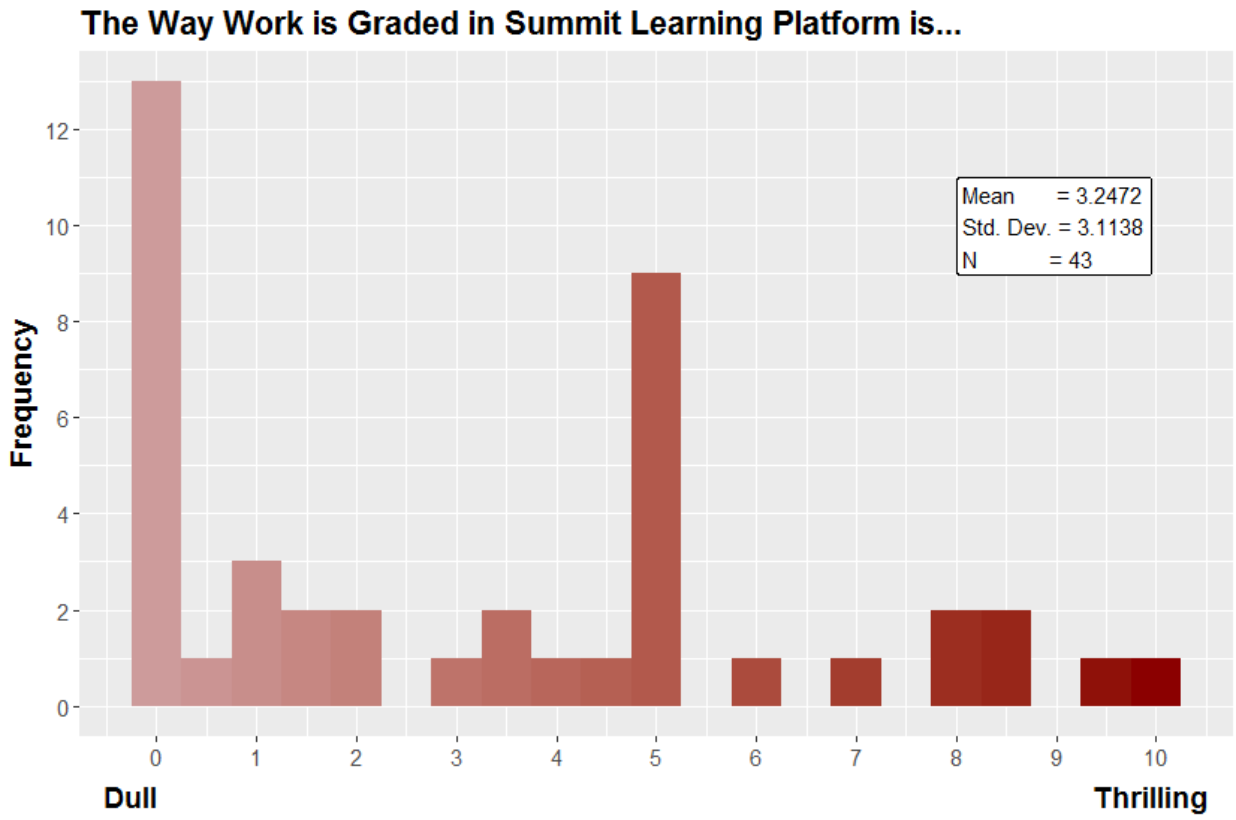

The Way Work is Graded in Summit Learning Platform is...
Mean = 3.0114
Std. Dev. = 3.3883
N = 43
Frequency
0
2
4
6
8
10
12
14
16
0 1 2 3 4 5 6 7 8 9 10
Annoying
Pleasing

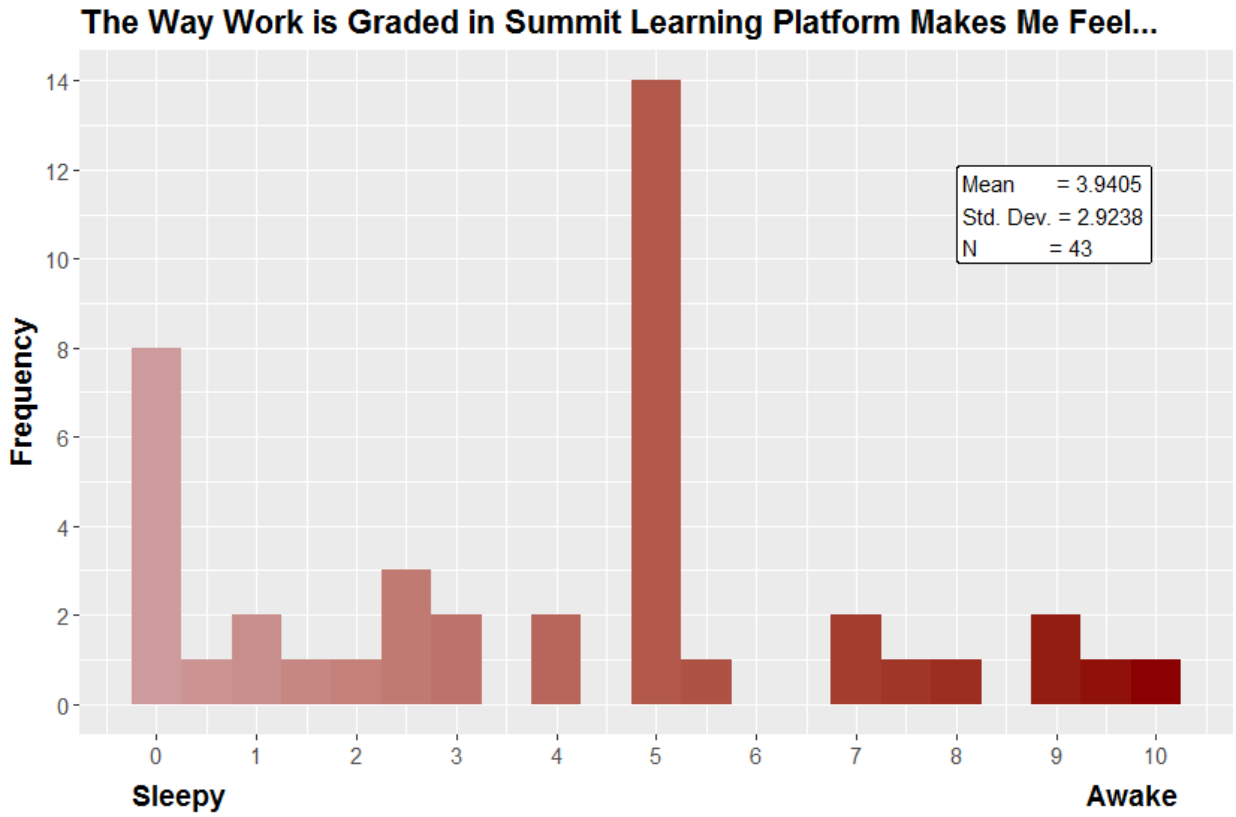

The Way Work is Graded in Summit Learning Platform is...
Mean = 3.2112
Std. Dev. = 3.6702
N = 43
Frequency
0
2
4
6
8
10
12
14
0
1
2
3
4
5
6
7
8
9
10
Frustrating
Not frustrating

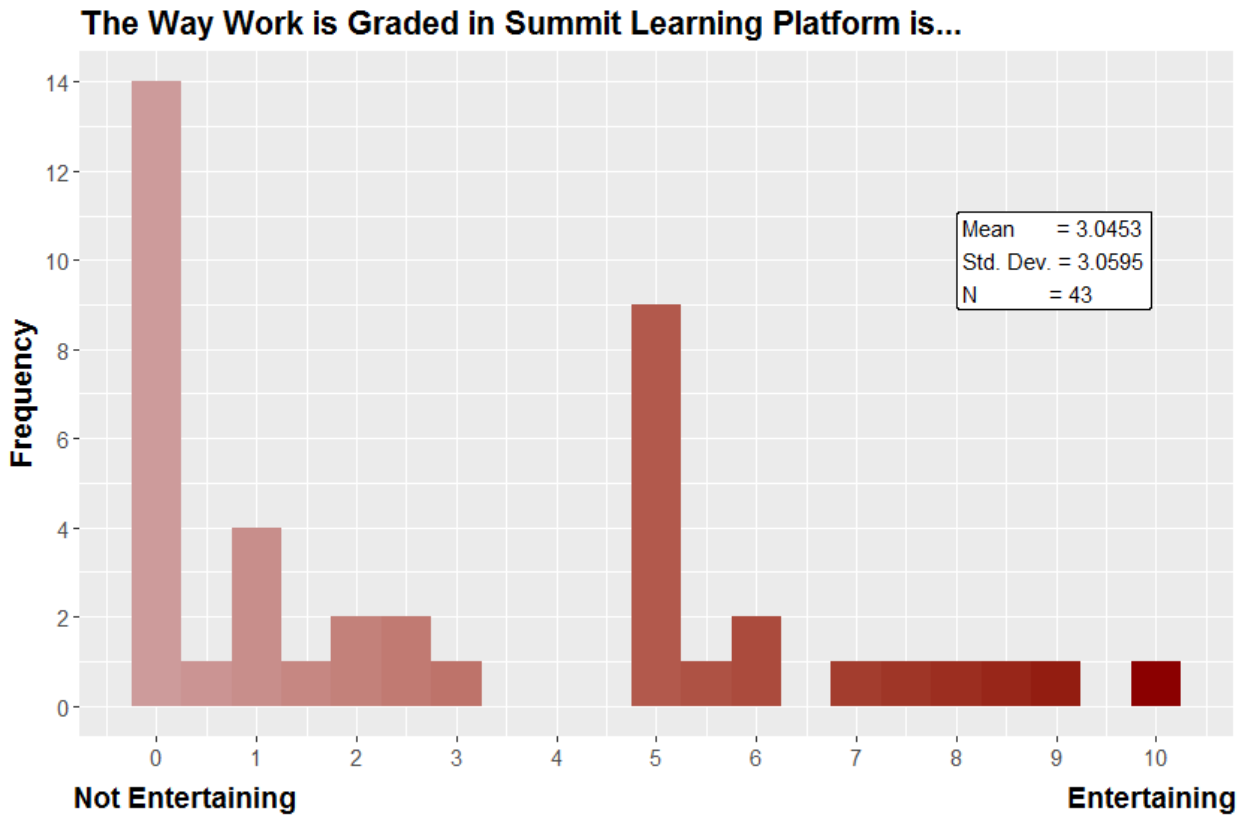

The Way Work is Graded in Summit Learning Platform is...
Mean = 3.3898
Std. Dev. = 3.5927
N = 43
Frequency
0
2
4
6
8
10
12
14
0
1
2
3
4
5
6
7
8
9
10
Not Appropriate
Appropriate

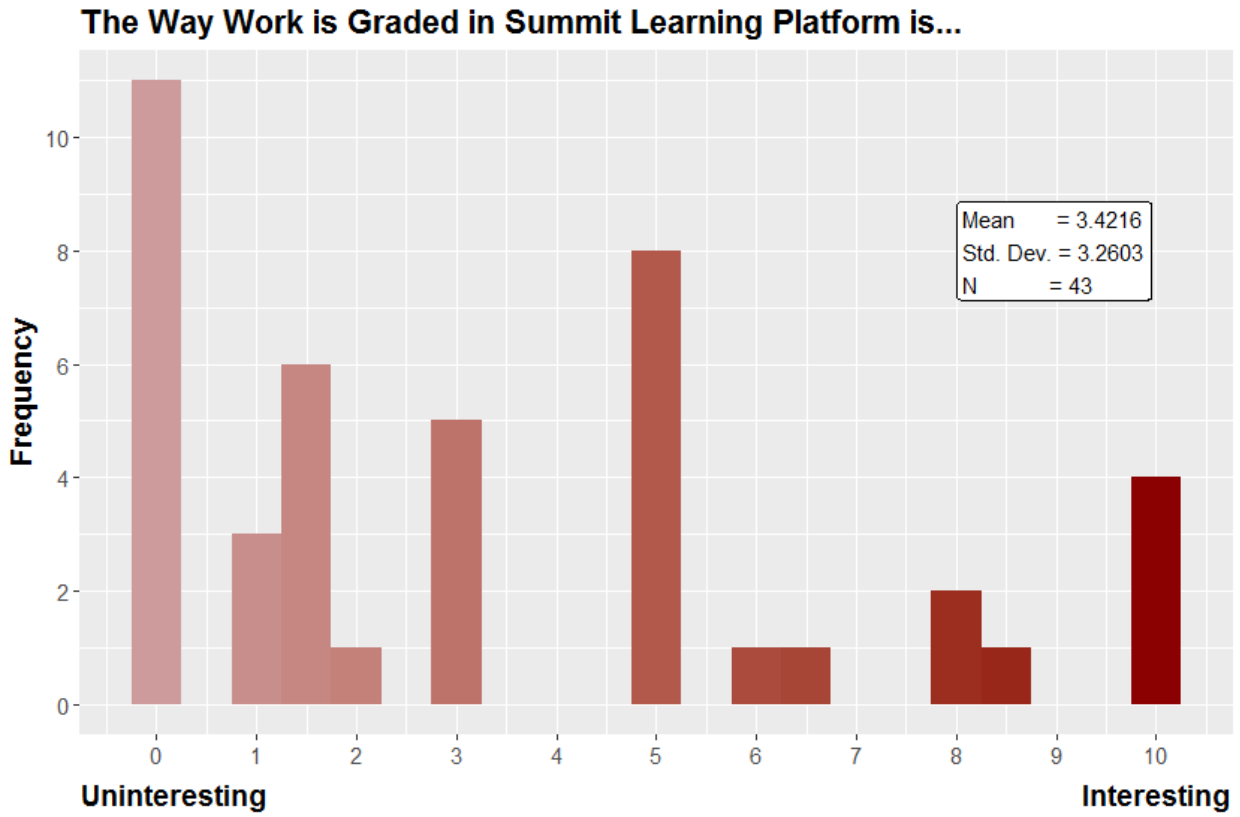

The Way Work is Graded in Summit Learning Platform is...
Mean = 7.0186
Std. Dev. = 3.2182
N = 43
Frequency
0
2
4
6
8
10
12
0
1
2
3
4
5
6
7
8
9
10
Relaxing
Stressful

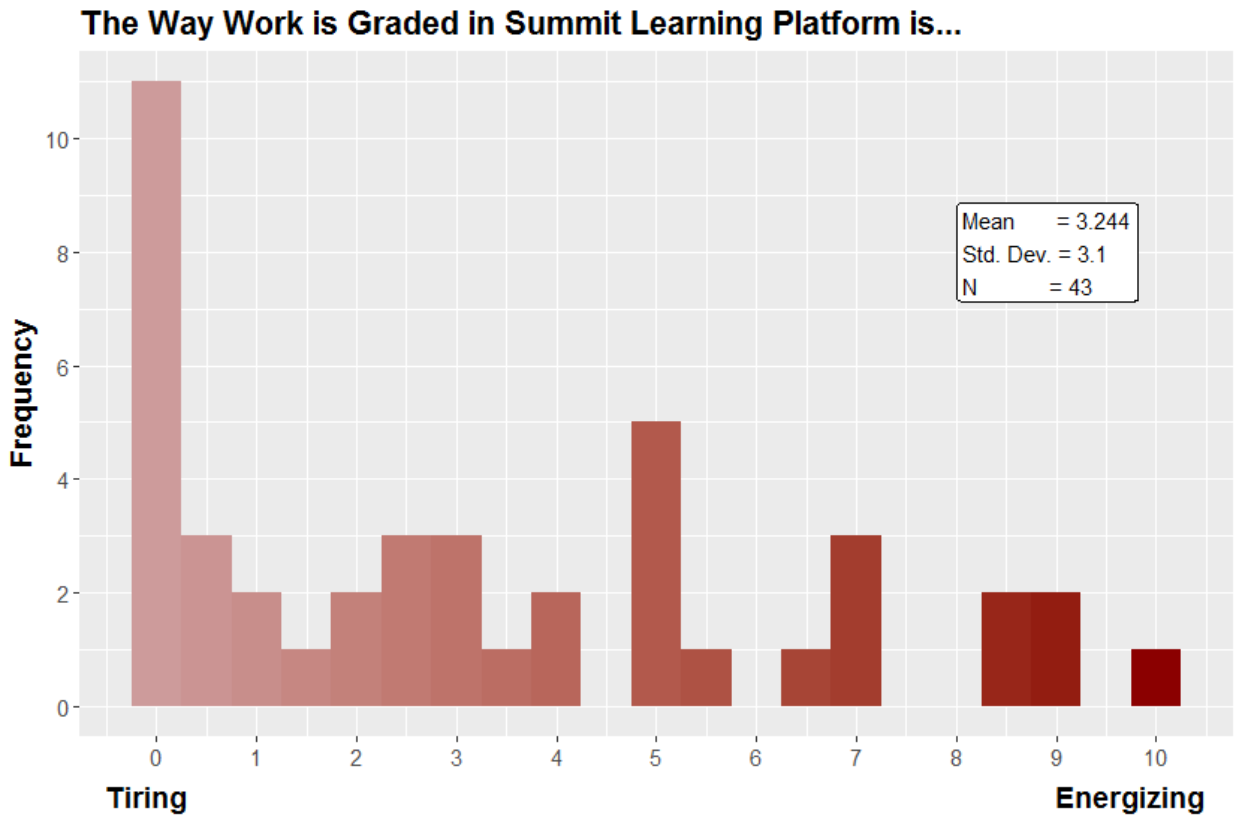

The Way Work is Graded in Summit Learning Platform is...
Mean = 3.5926
Std. Dev. = 3.1513
N = 43
Frequency
0
2
4
6
8
10
0
1
2
3
4
5
6
7
8
9
10
Boring
Exciting

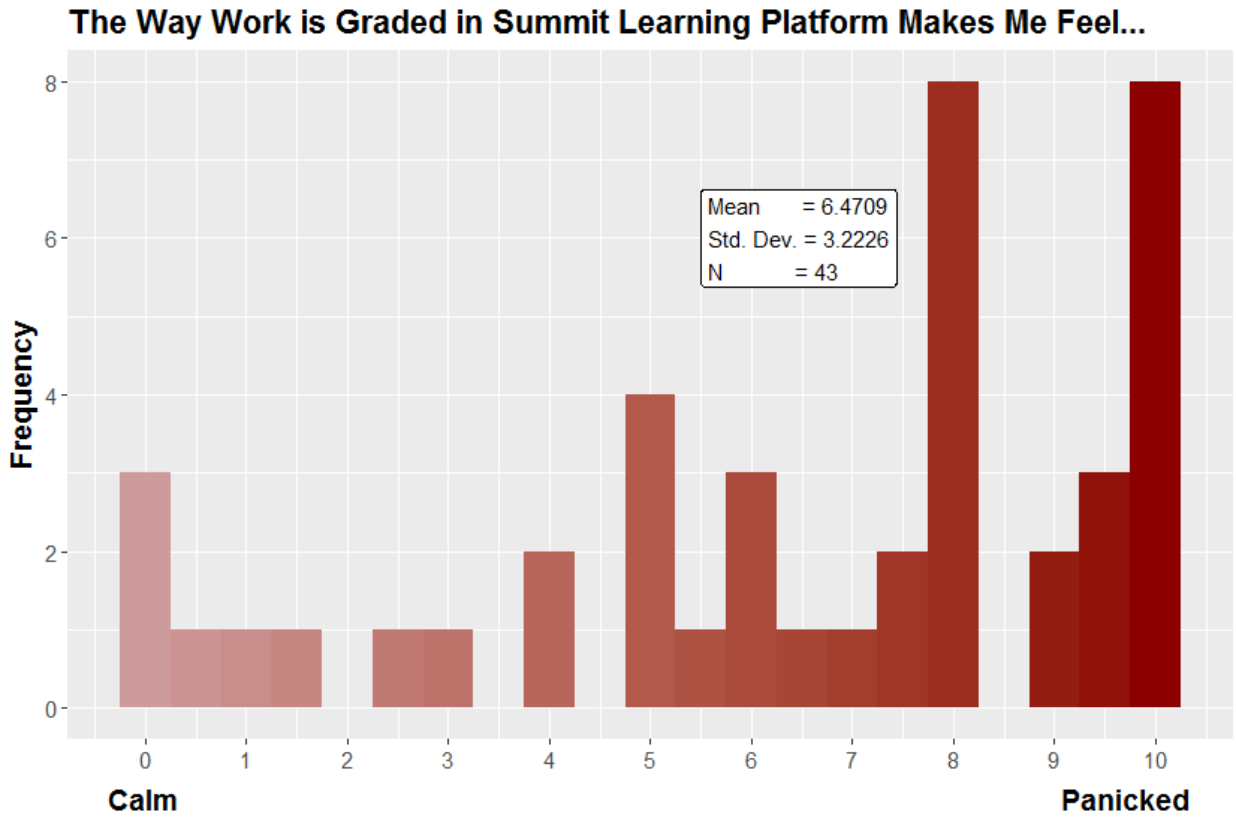

The Way Work is Graded in Summit Learning Platform is...
Mean = 3.2472
Std. Dev. = 3.1138
N = 43
Frequency
0
2
4
6
8
10
12
0
1
2
3
4
5
6
7
8
9
10
Dull
Thrilling

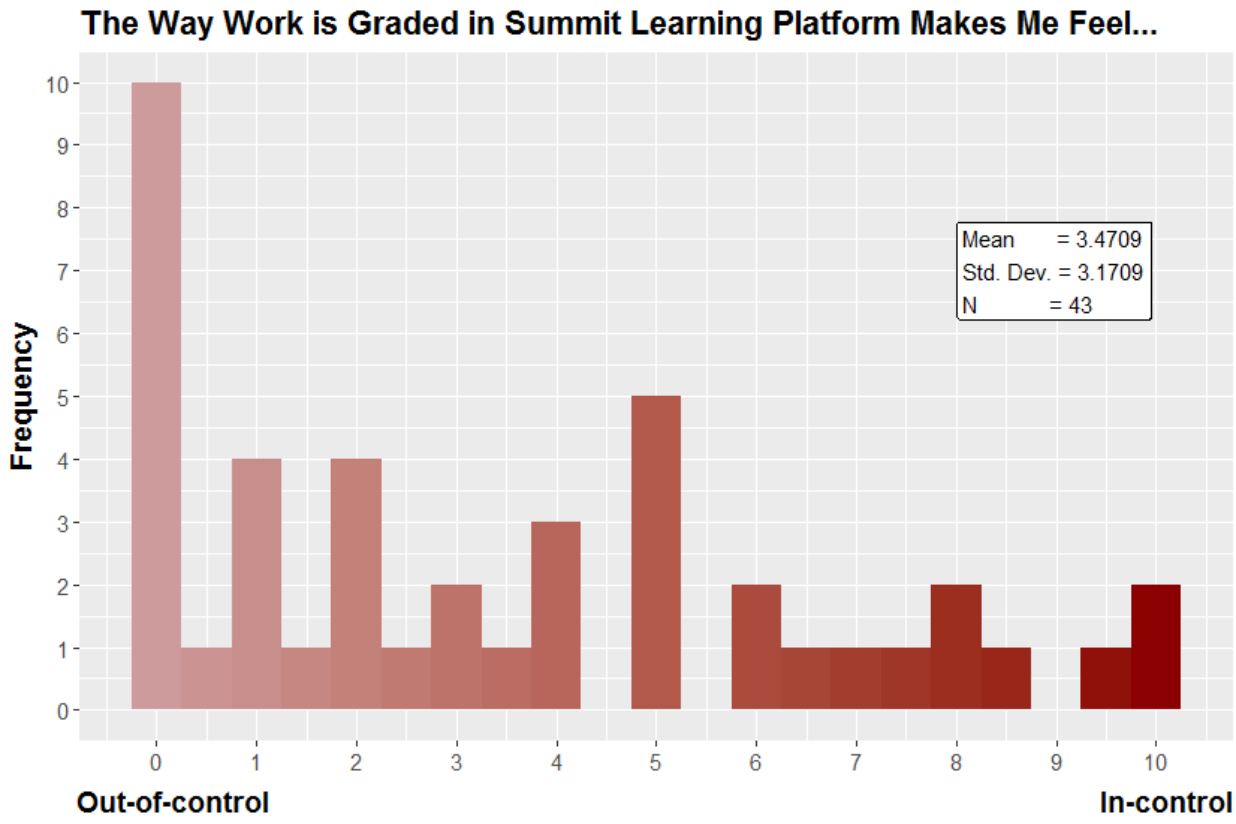

The Way Work is Graded in Summit Learning Platform Makes Me Feel...
Mean = 3.9405
Std. Dev. = 2.9238
N = 43
Frequency
0
2
4
6
8
10
12
14
0
1
2
3
4
5
6
7
8
9
10
Sleepy
Awake

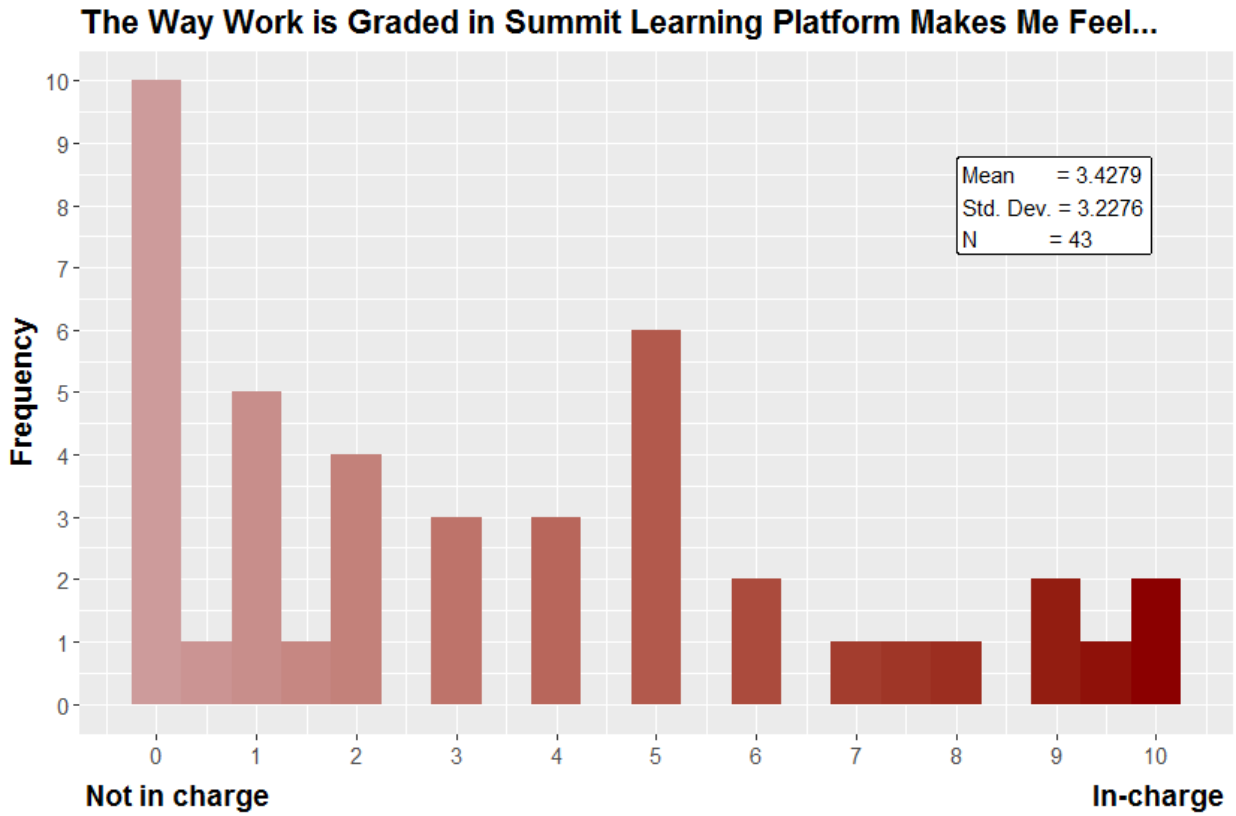

The Way Work is Graded in Summit Learning Platform is...
Frequency
Mean = 3.0453
Std. Dev. = 3.0595
N = 43
Not Entertaining
Entertaining

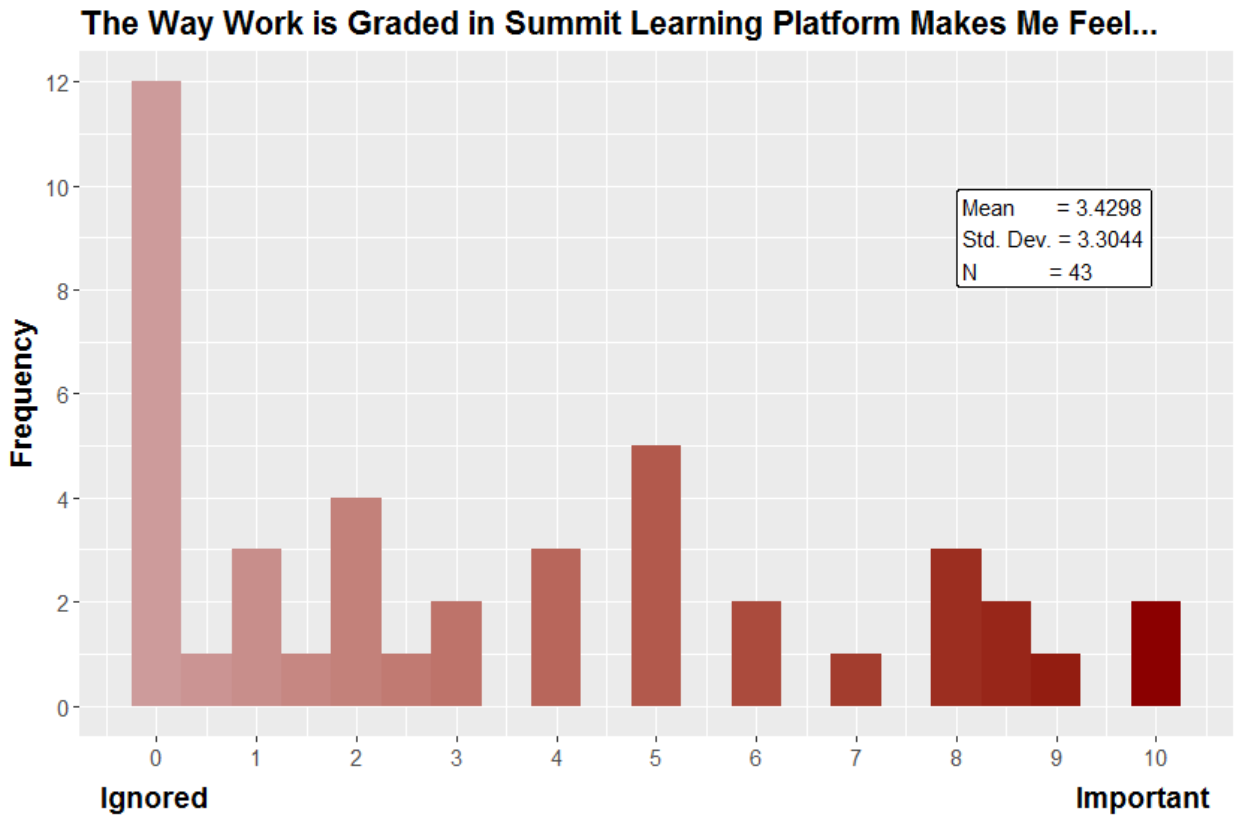

The Way Work is Graded in Summit Learning Platform is...
Frequency
Mean = 3.4216
Std. Dev. = 3.2603
N = 43
Uninteresting
Interesting

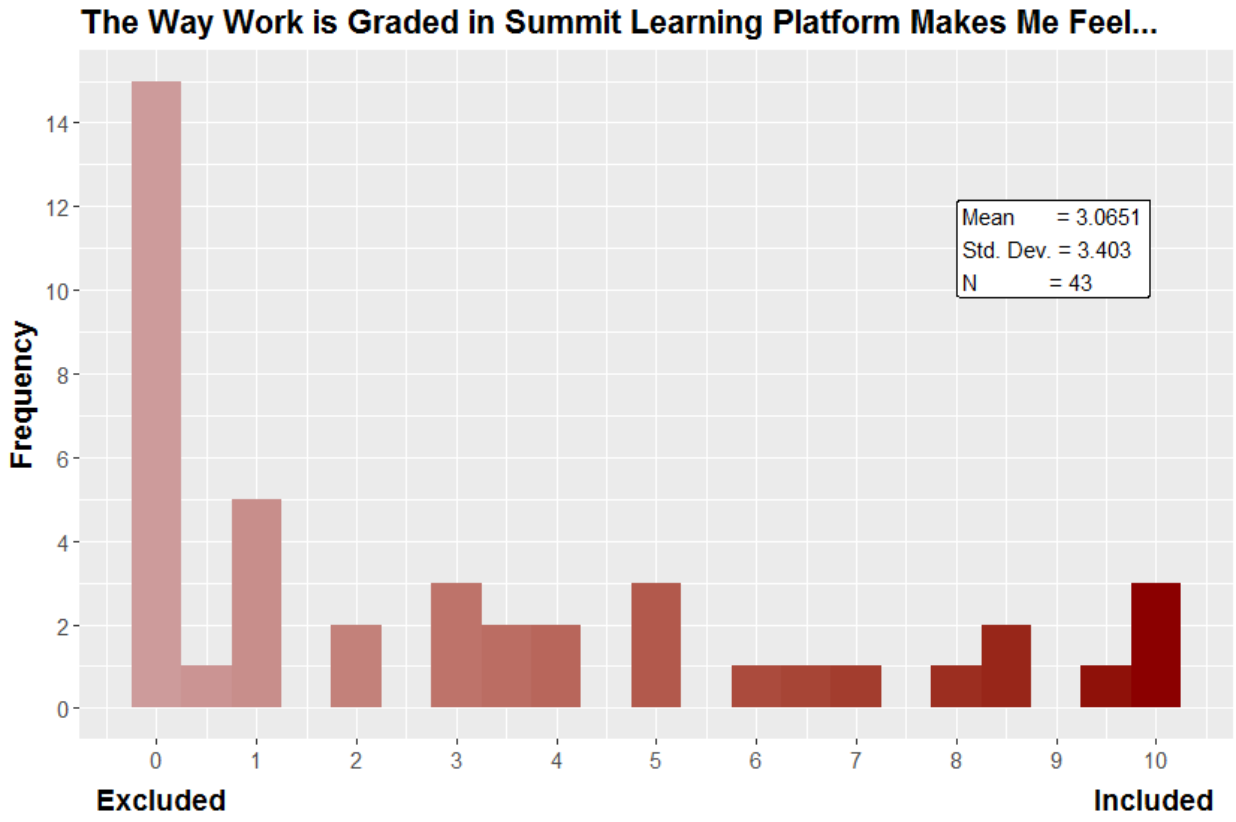

The Way Work is Graded in Summit Learning Platform is...
Mean = 3.244
Std. Dev. = 3.1
N = 43
Frequency
0
2
4
6
8
10
0 1 2 3 4 5 6 7 8 9 10
Tiring
Energizing

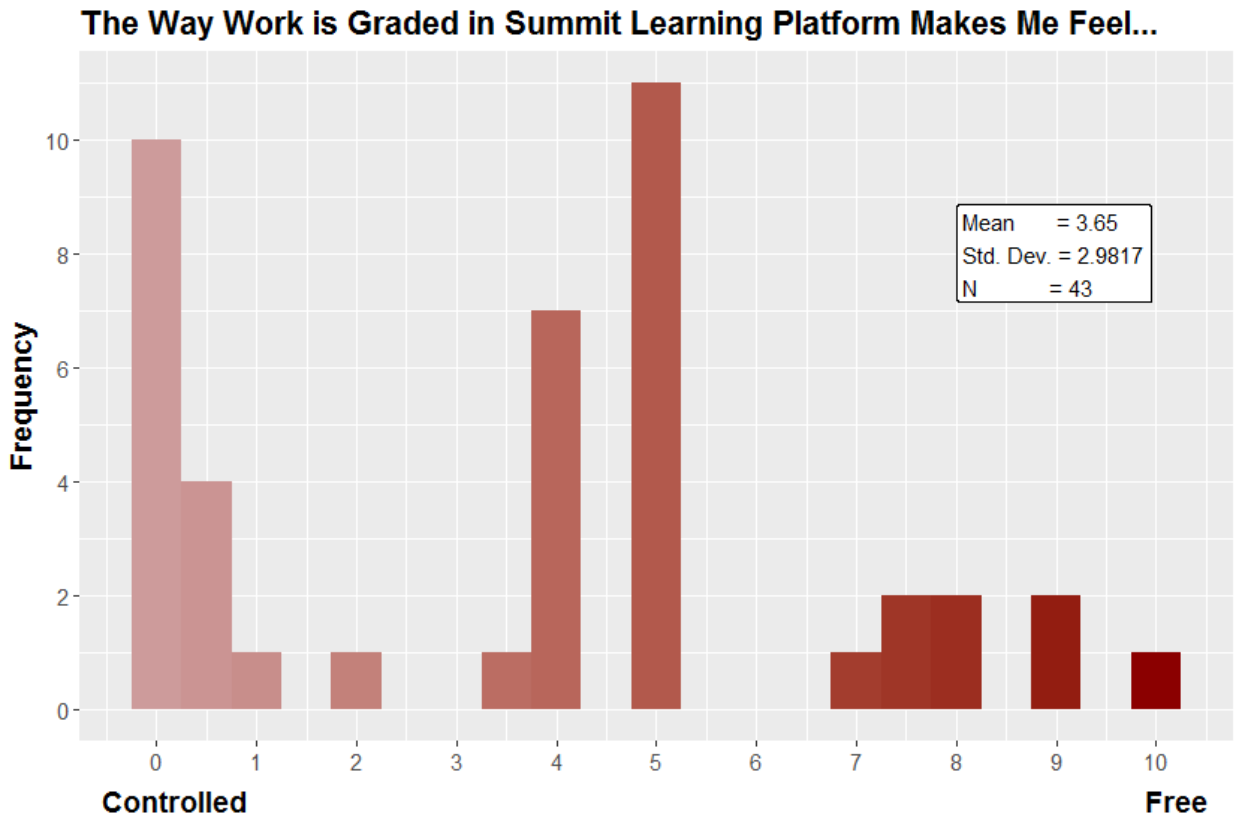

The Way Work is Graded in Summit Learning Platform Makes Me Feel...
Mean = 6.4709
Std. Dev. = 3.2226
N = 43
Frequency
0
2
4
6
8
0 1 2 3 4 5 6 7 8 9 10
Calm
Panicked

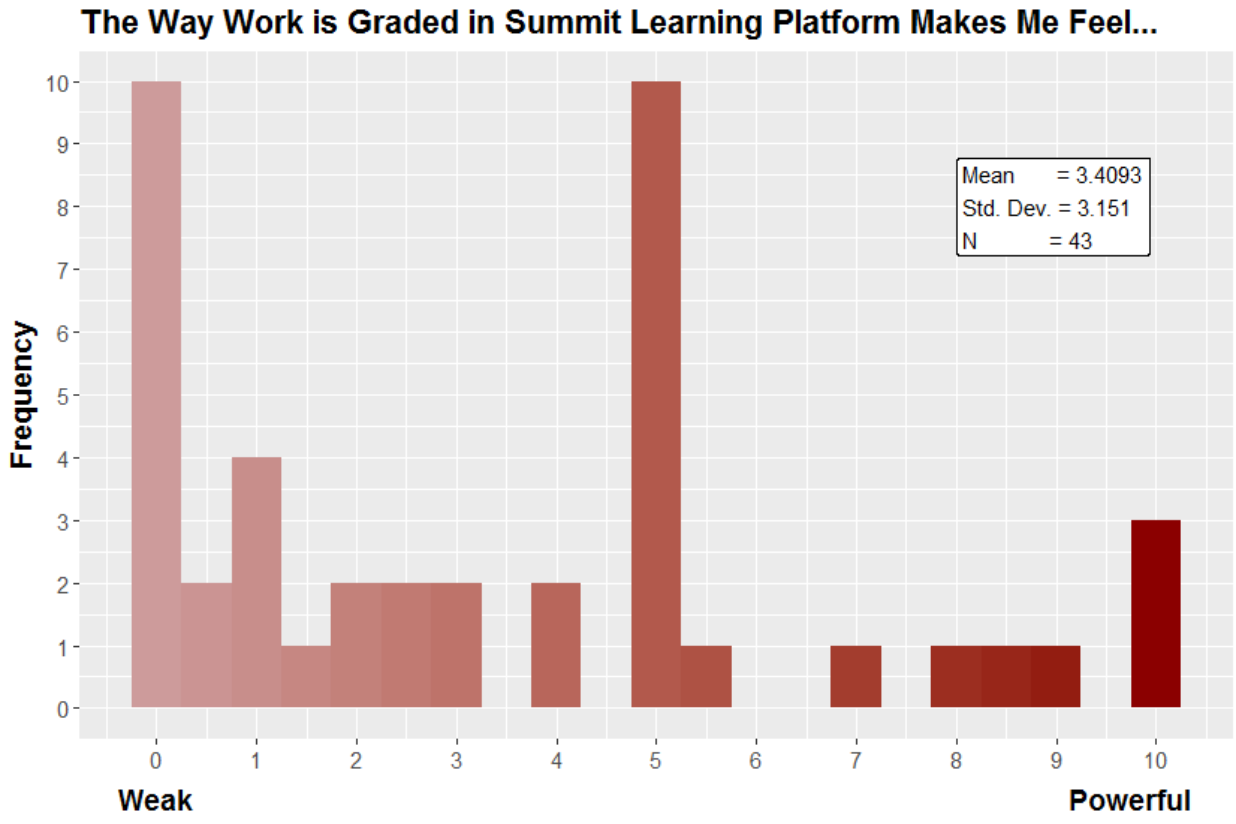

The Way Work is Graded in Summit Learning Platform Makes Me Feel...
Frequency
Mean = 3.4709
Std. Dev. = 3.1709
N = 43
Out-of-control
In-control

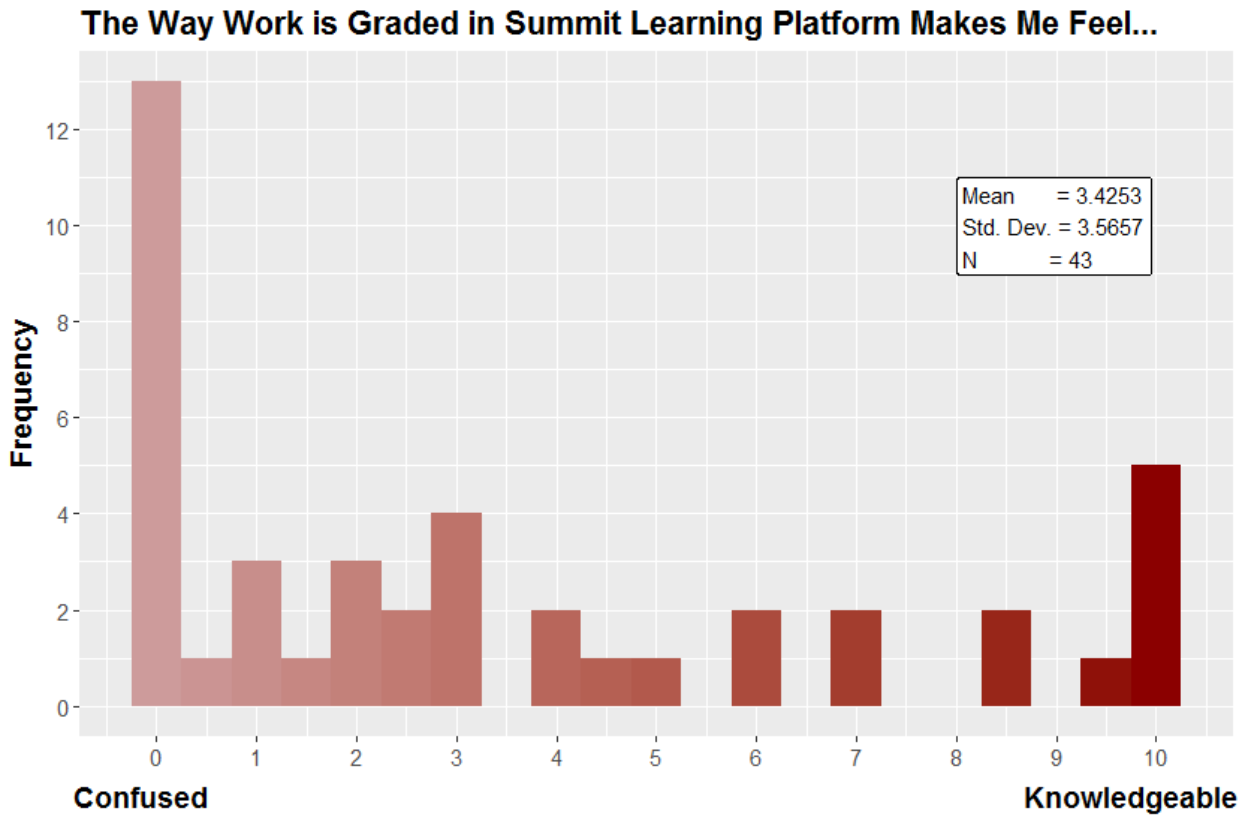

The Way Work is Graded in Summit Learning Platform Makes Me Feel...
Frequency
Mean = 3.4279
Std. Dev. = 3.2276
N = 43
Not in charge
In-charge


The Way Work is Graded in Summit Learning Platform Makes Me Feel...
Mean = 3.4298
Std. Dev. = 3.3044
N = 43
Frequency
0
2
4
6
8
10
12
0 1 2 3 4 5 6 7 8 9 10
Ignored
Important


The Way Work is Graded in Summit Learning Platform Makes Me Feel...
Mean = 3.0651
Std. Dev. = 3.403
N = 43
Frequency
0
2
4
6
8
10
12
14
0 1 2 3 4 5 6 7 8 9 10
Excluded
Included


The Way Work is Graded in Summit Learning Platform Makes Me Feel...
Mean = 3.65
Std. Dev. = 2.9817
N = 43
Frequency
0
2
4
6
8
10
0 1 2 3 4 5 6 7 8 9 10
Controlled
Free


The Way Work is Graded in Summit Learning Platform Makes Me Feel...
Mean = 3.4093
Std. Dev. = 3.151
N = 43
Frequency
0
1
2
3
4
5
6
7
8
9
10
0 1 2 3 4 5 6 7 8 9 10
Weak
Powerful

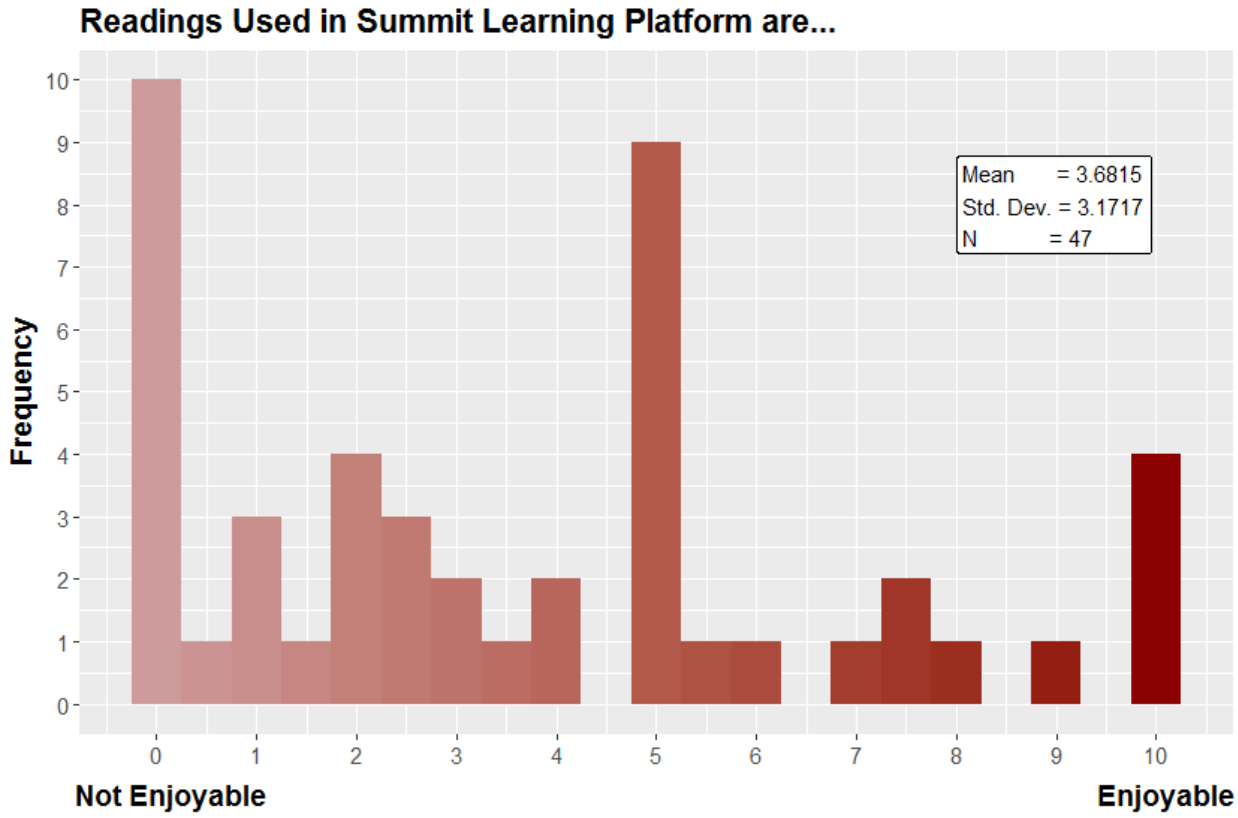

The Way Work is Graded in Summit Learning Platform Makes Me Feel...
Mean = 3.4253
Std. Dev. = 3.5657
N = 43
Frequency
0
2
4
6
8
10
12
0
1
2
3
4
5
6
7
8
9
10
Confused
Knowledgeable

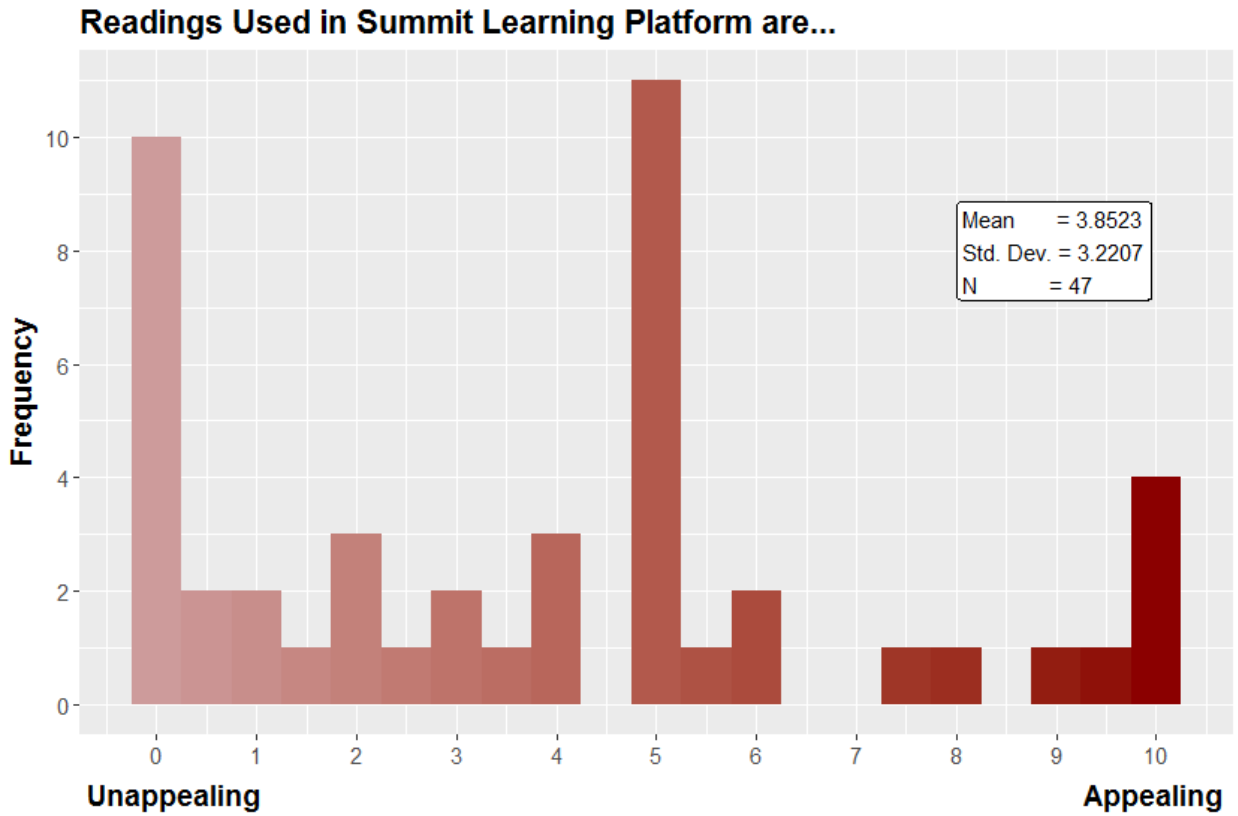
Perceptions of SLP Readings

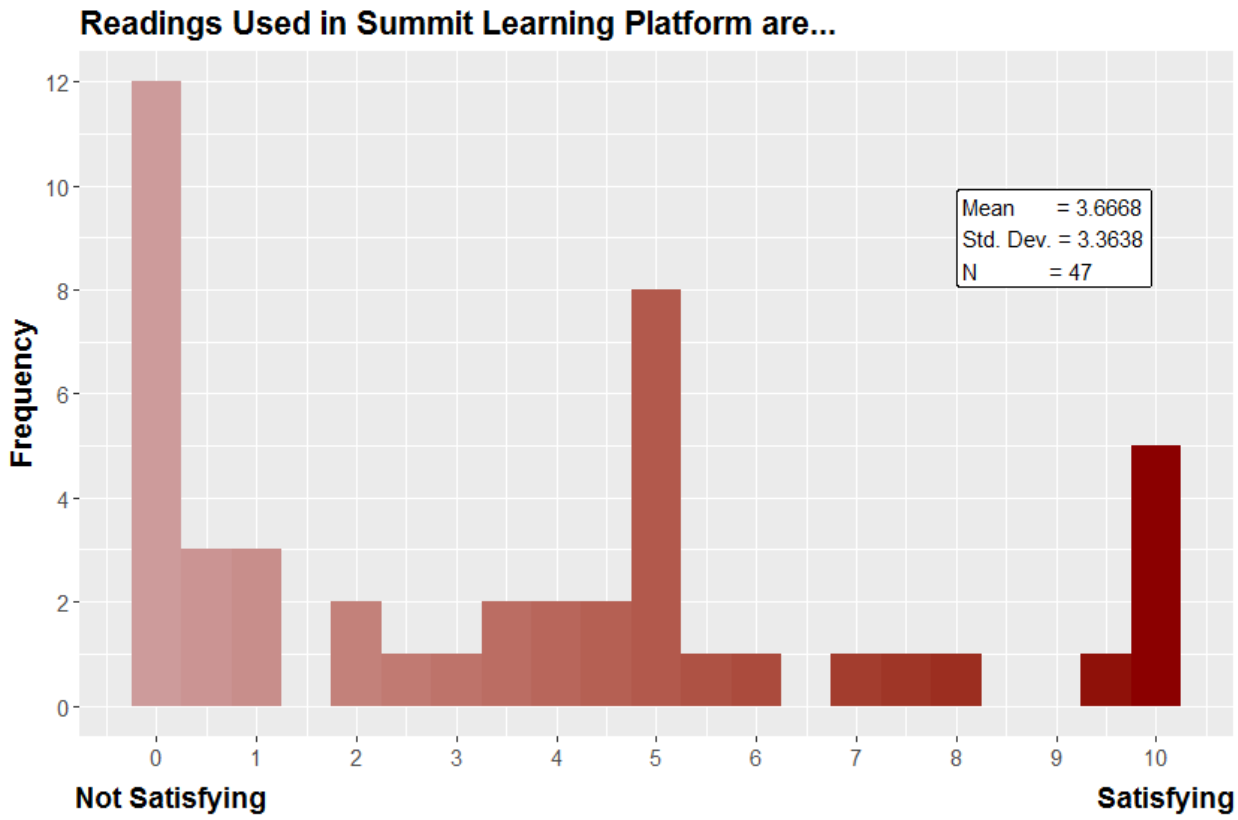
Table 6

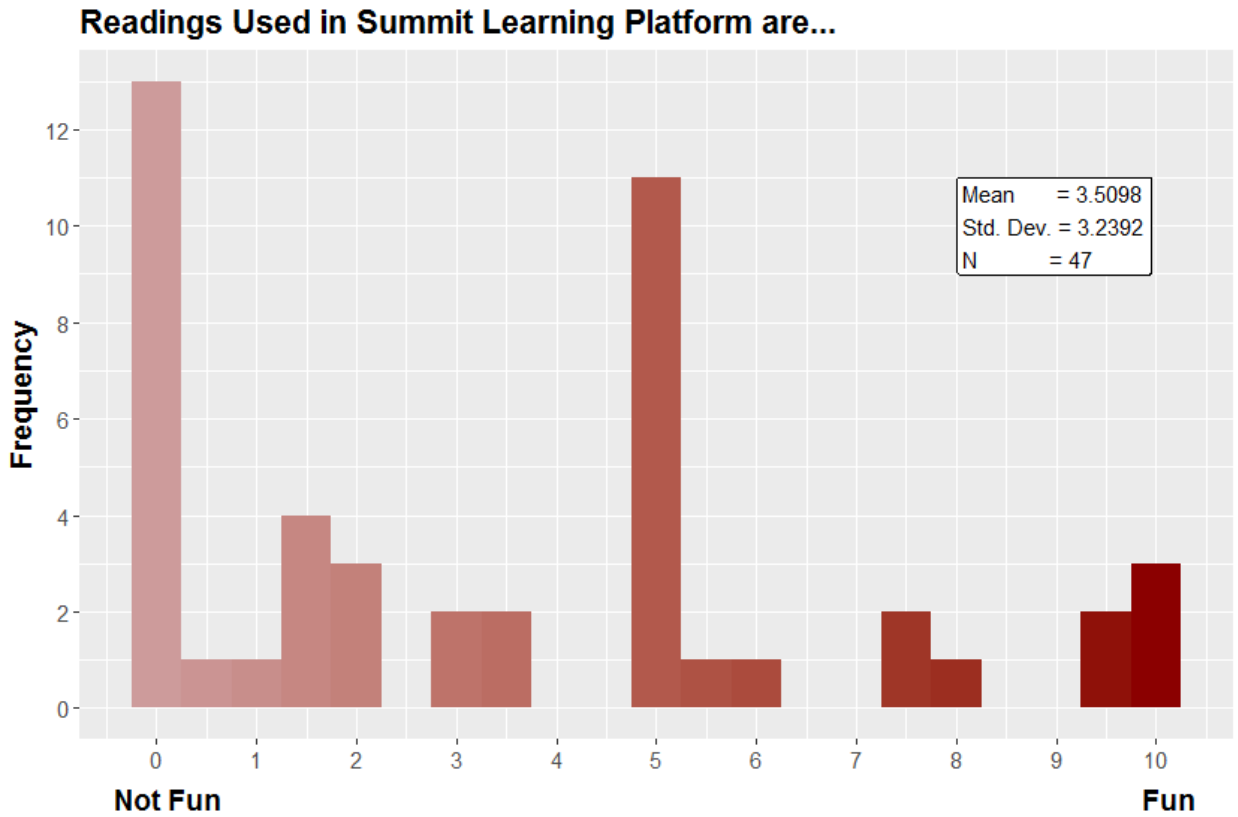
Summary of "Readings" for Parents/Guardians

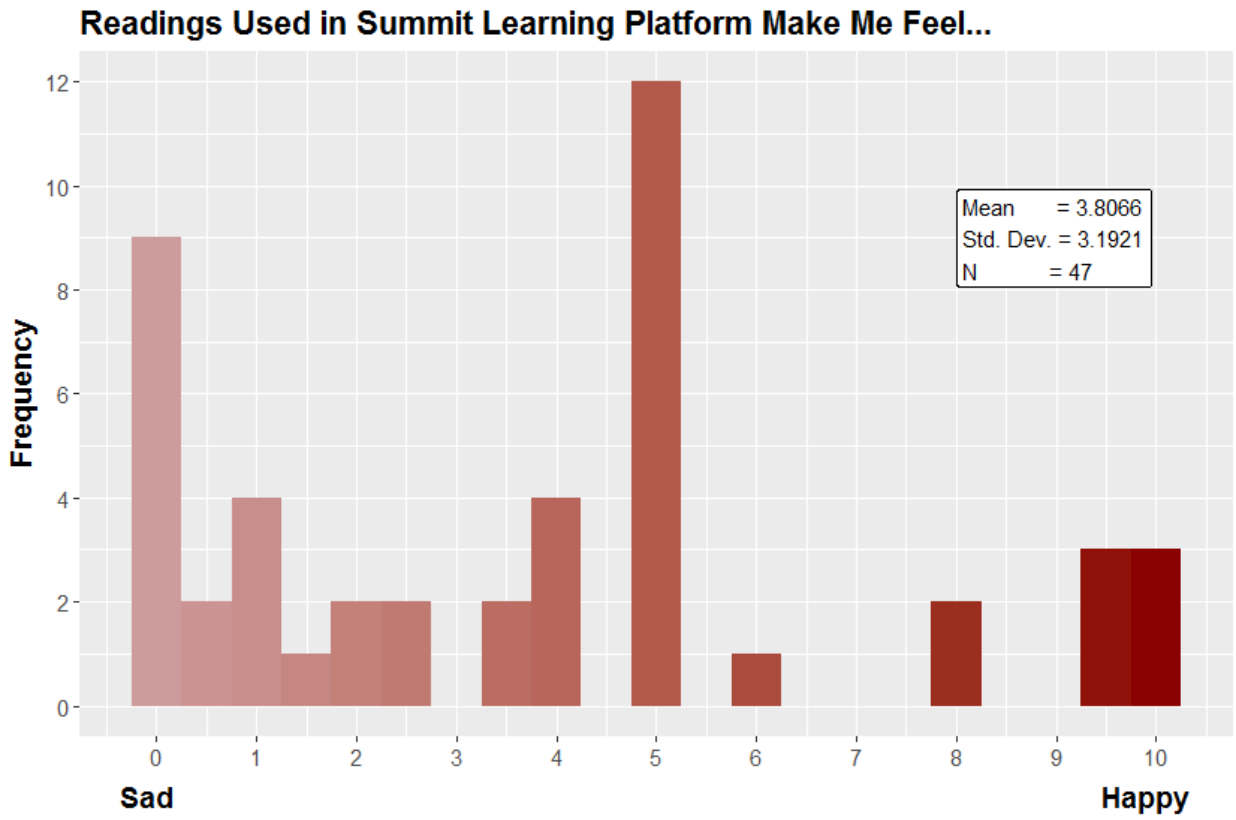
Domain	Semantic Differential	n	Mean	Median	Variance	Standard Deviation	α
Pleasure		47					.978
	Enjoyment		3.6815	3.1500	10.060	3.17173	
	Appealing		3.8523	3.9900	10.373	3.22075	
	Satisfying		3.6668	3.6400	11.315	3.36377	
	Fun		3.5098	2.9600	10.492	3.23918	
	Happy		3.8066	3.9600	10.189	3.19208	
	Pleasing		3.5494	2.9500	10.081	3.17511	
	Not Frustrating		3.5223	2.9200	10.912	3.30333	
	Appropriate		3.7323	2.9500	11.741	3.42651	
Arousal		47					.988
	Stressful		6.3338	6.5400	10.088	3.17622	
	Exciting		3.6772	3.9100	10.027	3.16658	
	Thrilling		3.7843	3.8100	9.975	3.15839	
	Wide-Awake		3.4143	2.4300	9.238	3.03940	
	Entertaining		3.9826	5.0000	9.884	3.14391	
	Interesting		3.9221	4.8500	9.543	3.08921	
	Energizing		3.5091	2.9600	9.397	3.06552	
	Panicked		6.0704	6.6000	10.101	3.17814	
Dominance		47					.976
	In Control		3.6906	3.4400	10.378	3.22152	
	In Charge		3.9000	5.0000	10.761	3.28042	
	Important		3.5274	2.9300	10.344	3.21616	
	Included		3.5502	3.3300	10.250	3.20161	
	Free		4.0702	4.1100	10.964	3.31117	
	Powerful		3.8777	3.6200	9.831	3.13540	
	Knowledgeable		3.4800	3.2900	10.305	3.21020	

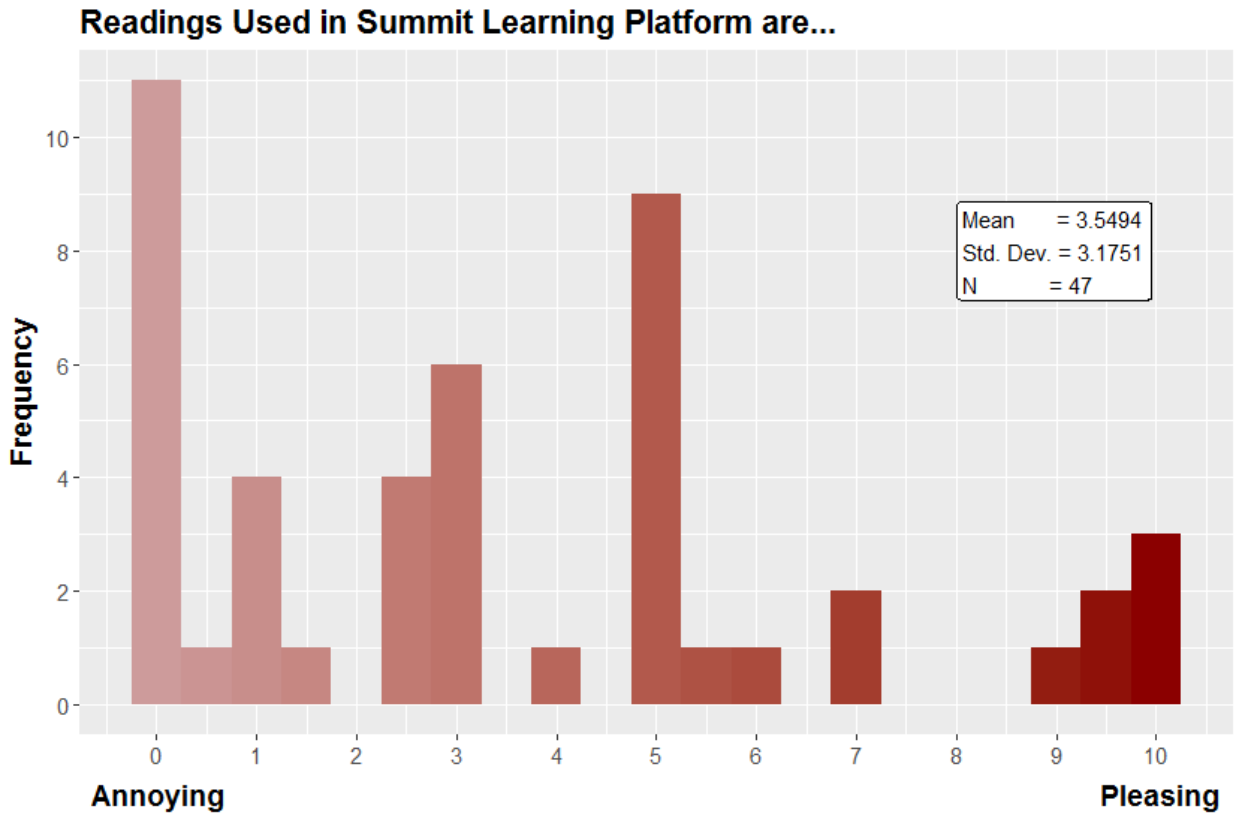

Readings Used in Summit Learning Platform are...
Mean = 3.6815
Std. Dev. = 3.1717
N = 47
Frequency
0
1
2
3
4
5
6
7
8
9
10
Not Enjoyable
Enjoyable

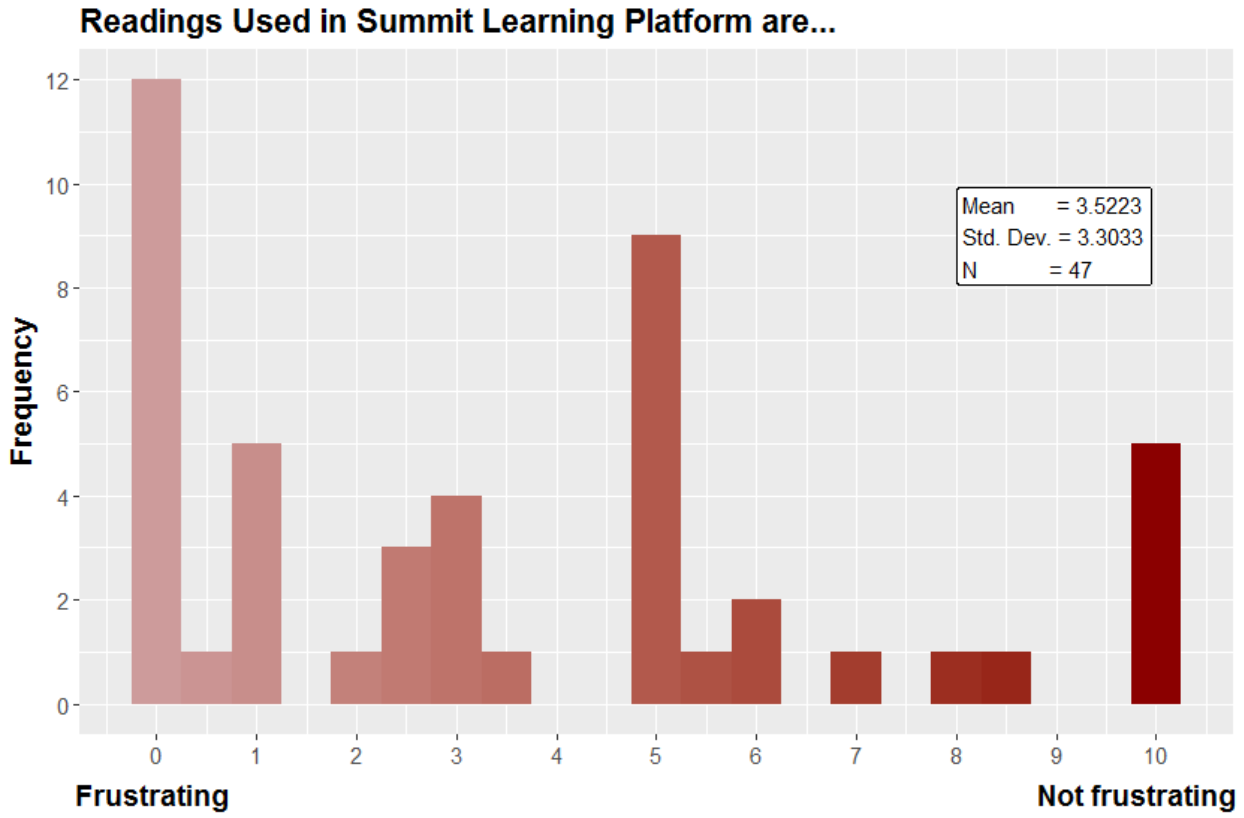

Readings Used in Summit Learning Platform are...
Mean = 3.8523
Std. Dev. = 3.2207
N = 47
Frequency
0
2
4
6
8
10
0
1
2
3
4
5
6
7
8
9
10
Unappealing
Appealing

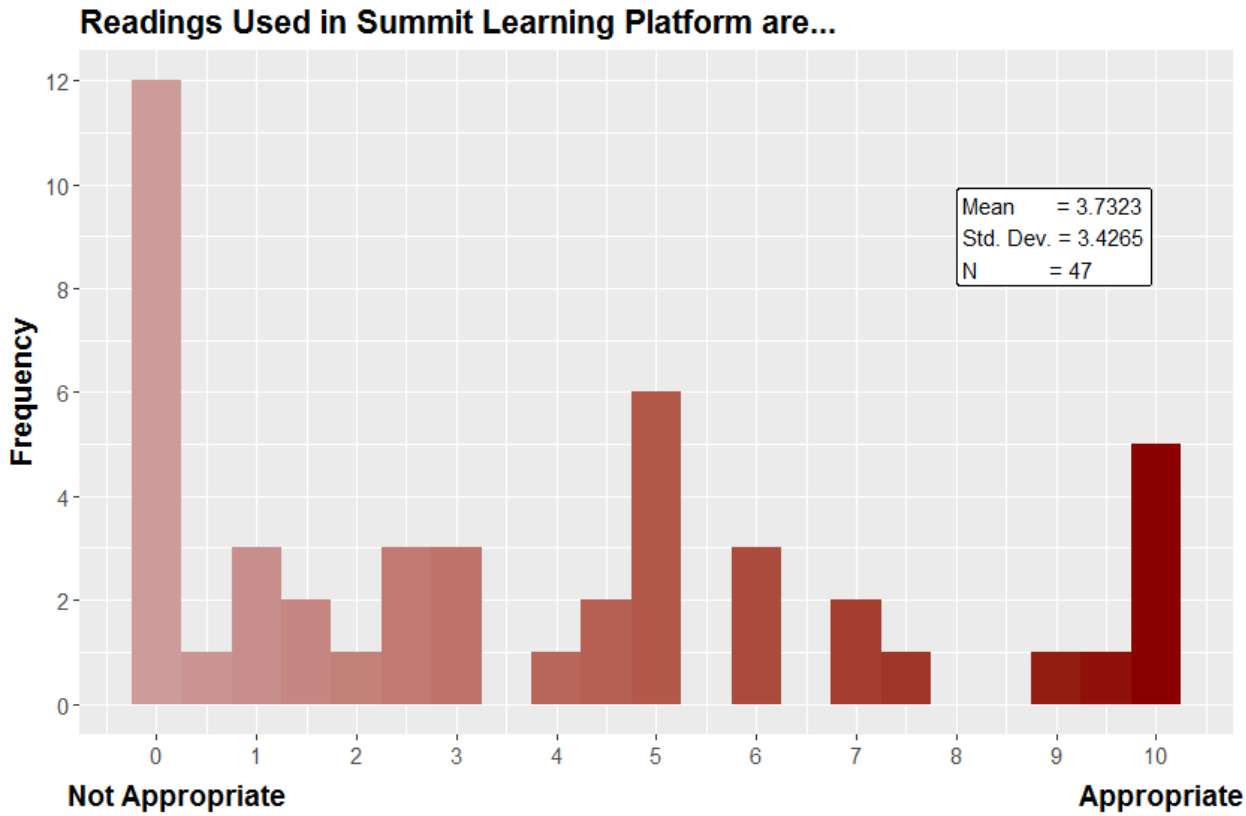

Readings Used in Summit Learning Platform are...
Mean = 3.6668
Std. Dev. = 3.3638
N = 47
Frequency
0
2
4
6
8
10
12
0
1
2
3
4
5
6
7
8
9
10
Not Satisfying
Satisfying

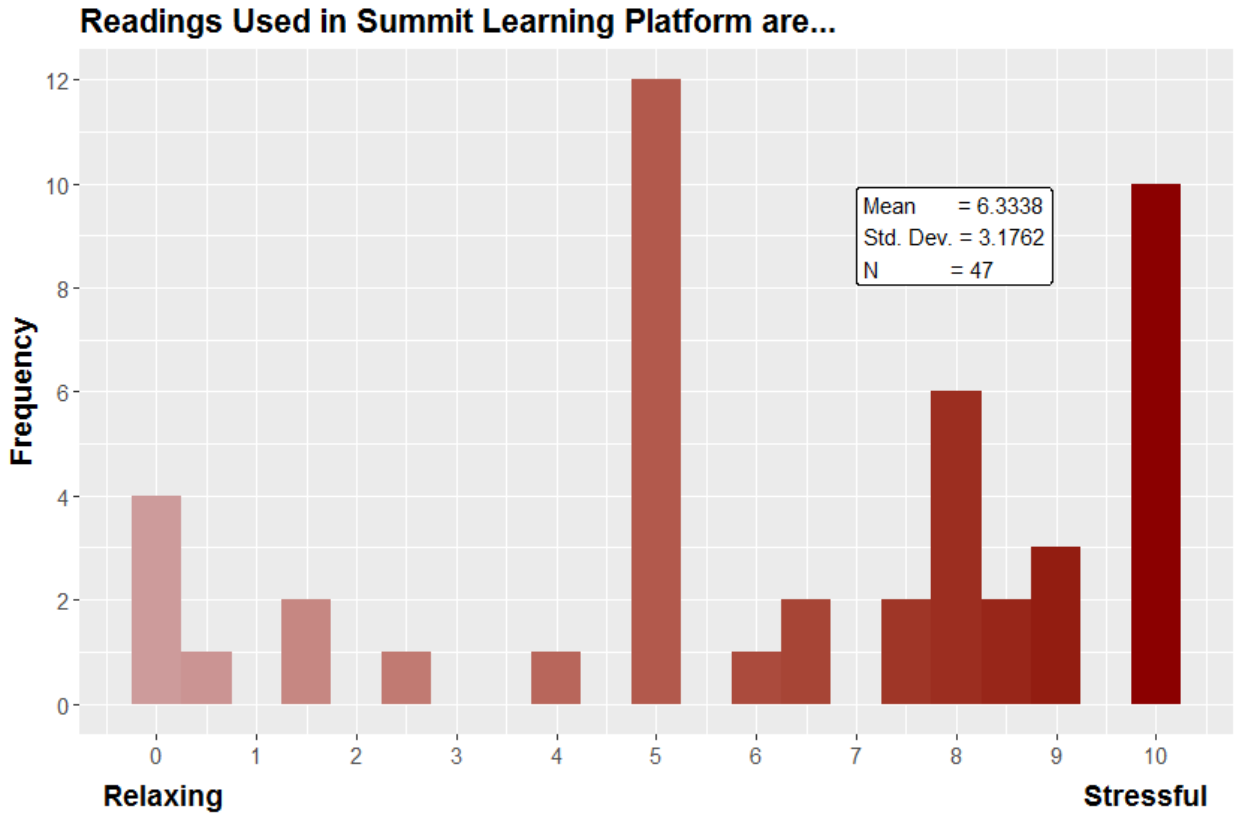

Readings Used in Summit Learning Platform are...
Mean = 3.5098
Std. Dev. = 3.2392
N = 47
Frequency
0
2
4
6
8
10
12
0
1
2
3
4
5
6
7
8
9
10
Not Fun
Fun

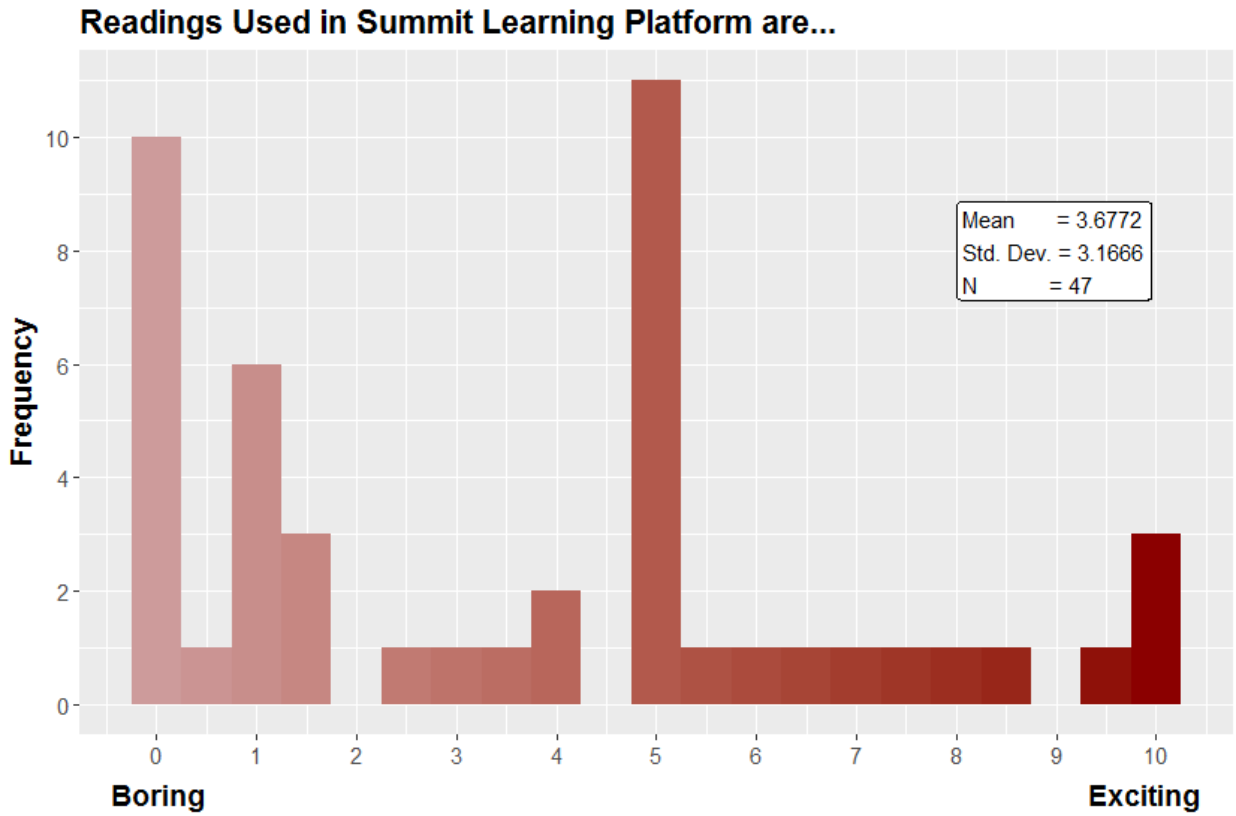

Readings Used in Summit Learning Platform Make Me Feel...
Mean = 3.8066
Std. Dev. = 3.1921
N = 47
Frequency
0
2
4
6
8
10
12
0
1
2
3
4
5
6
7
8
9
10
Sad
Happy

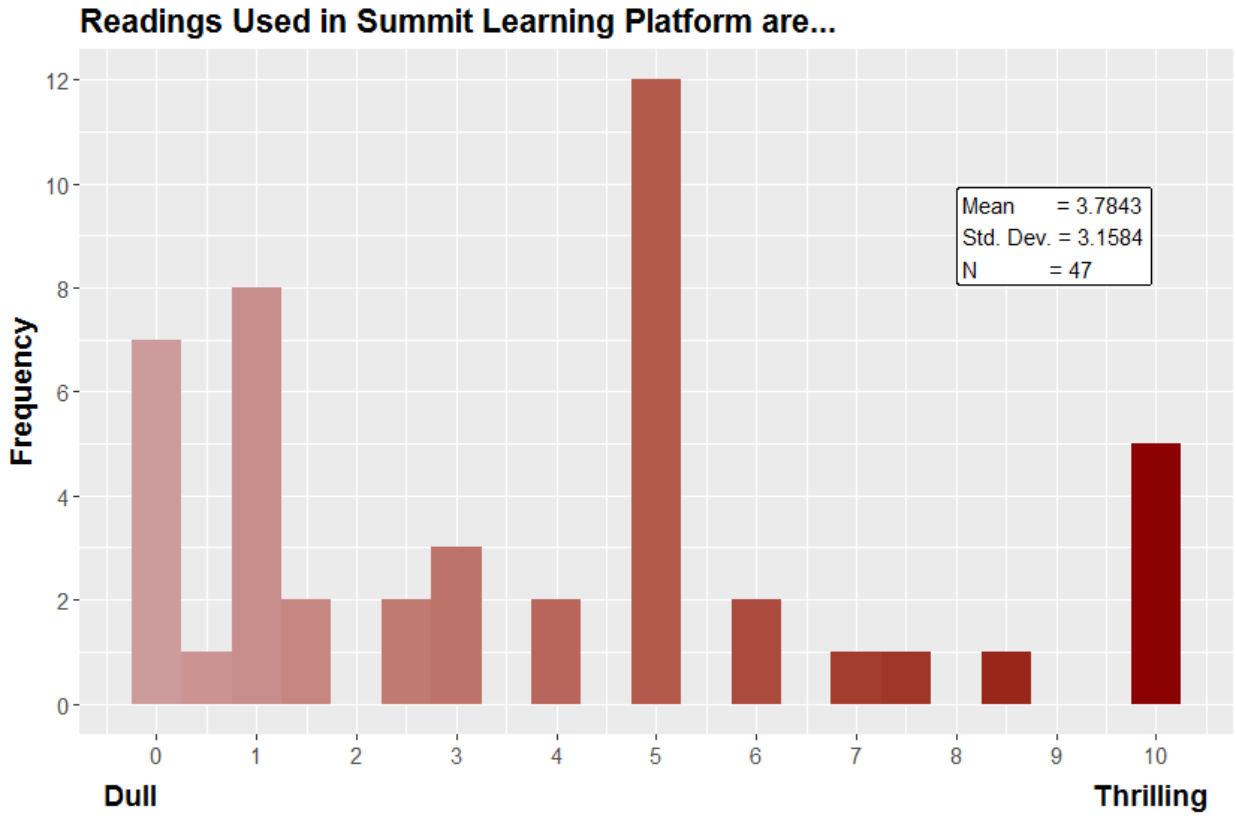

Readings Used in Summit Learning Platform are...
Mean = 3.5494
Std. Dev. = 3.1751
N = 47
Frequency
0
2
4
6
8
10
0
1
2
3
4
5
6
7
8
9
10
Annoying
Pleasing

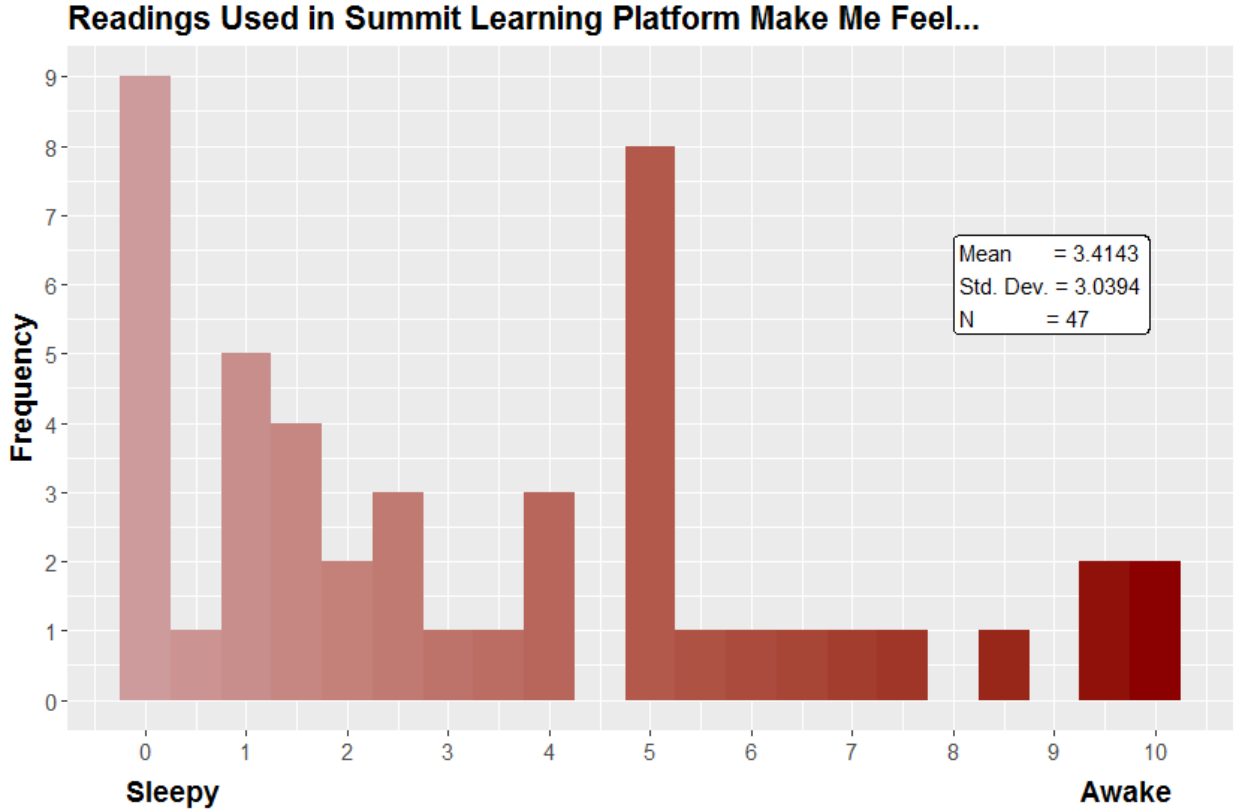

Readings Used in Summit Learning Platform are...
Mean = 3.5223
Std. Dev. = 3.3033
N = 47
Frequency
0
2
4
6
8
10
12
0
1
2
3
4
5
6
7
8
9
10
Frustrating
Not frustrating

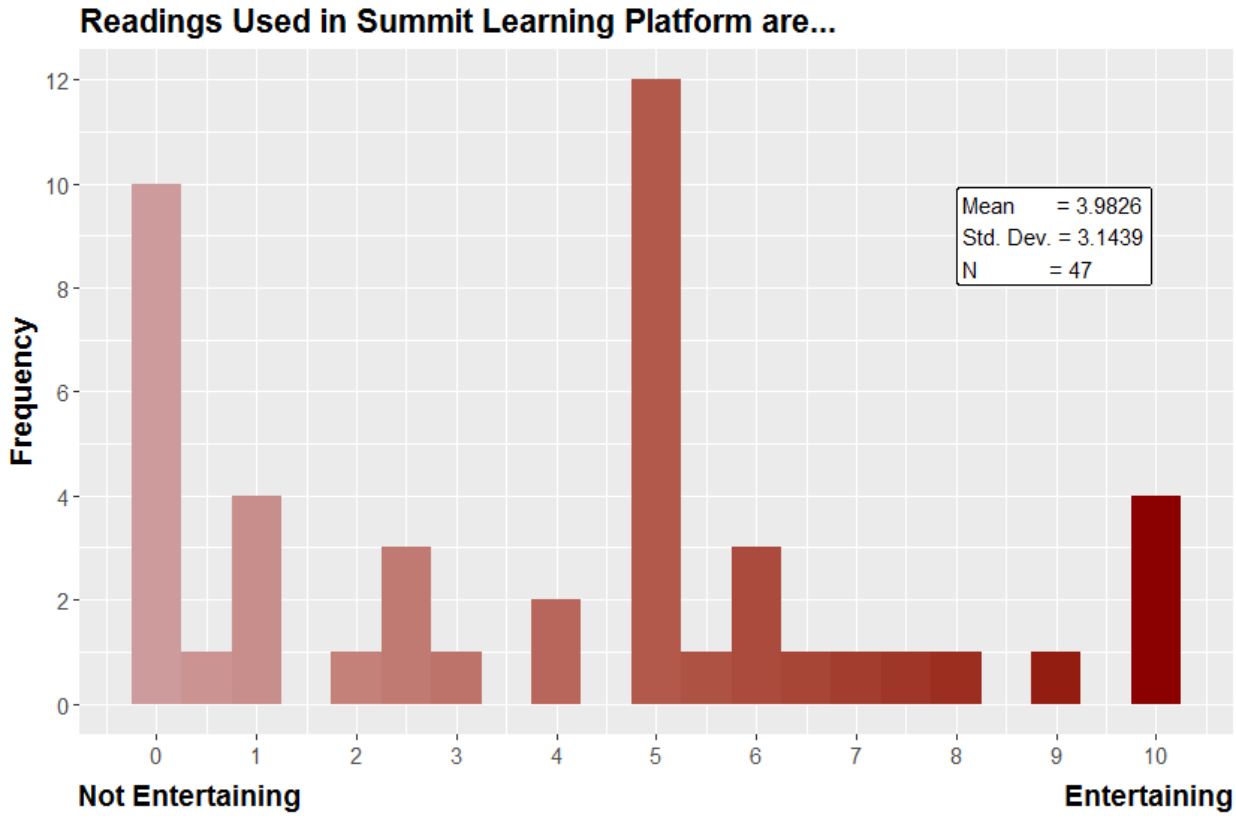

Readings Used in Summit Learning Platform are...
Mean = 3.7323
Std. Dev. = 3.4265
N = 47
Frequency
0
2
4
6
8
10
12
0
1
2
3
4
5
6
7
8
9
10
Not Appropriate
Appropriate

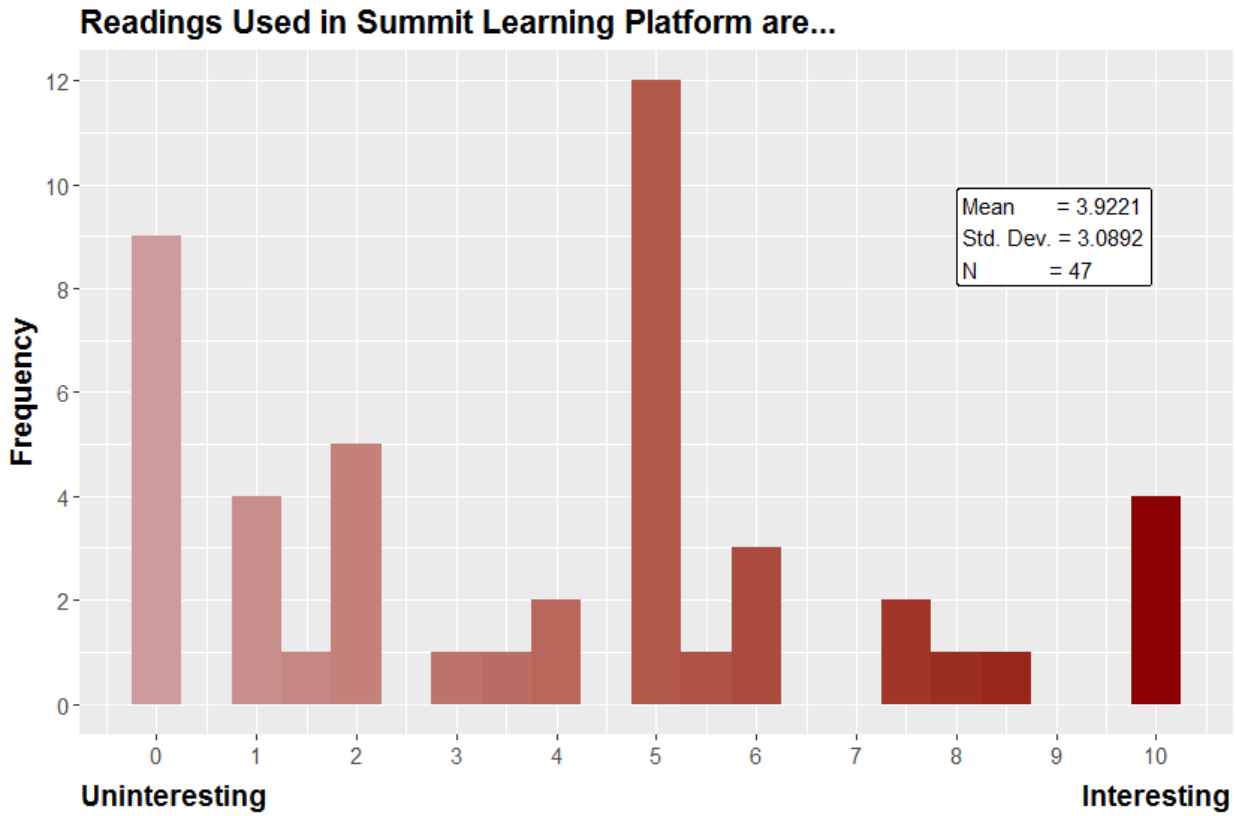

Readings Used in Summit Learning Platform are...
Mean = 6.3338
Std. Dev. = 3.1762
N = 47
Frequency
0
2
4
6
8
10
12
0
1
2
3
4
5
6
7
8
9
10
Relaxing
Stressful

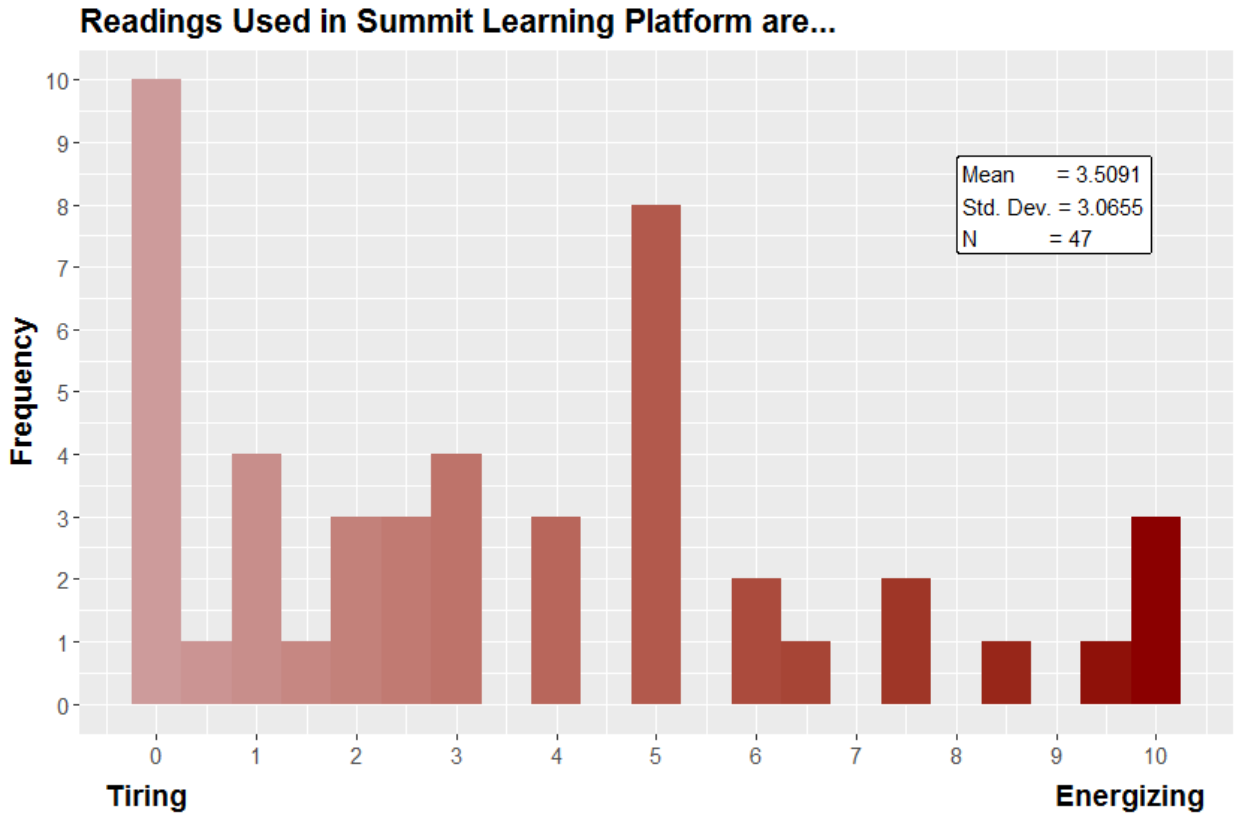

Readings Used in Summit Learning Platform are...
Mean = 3.6772
Std. Dev. = 3.1666
N = 47
Frequency
0
2
4
6
8
10
0
1
2
3
4
5
6
7
8
9
10
Boring
Exciting

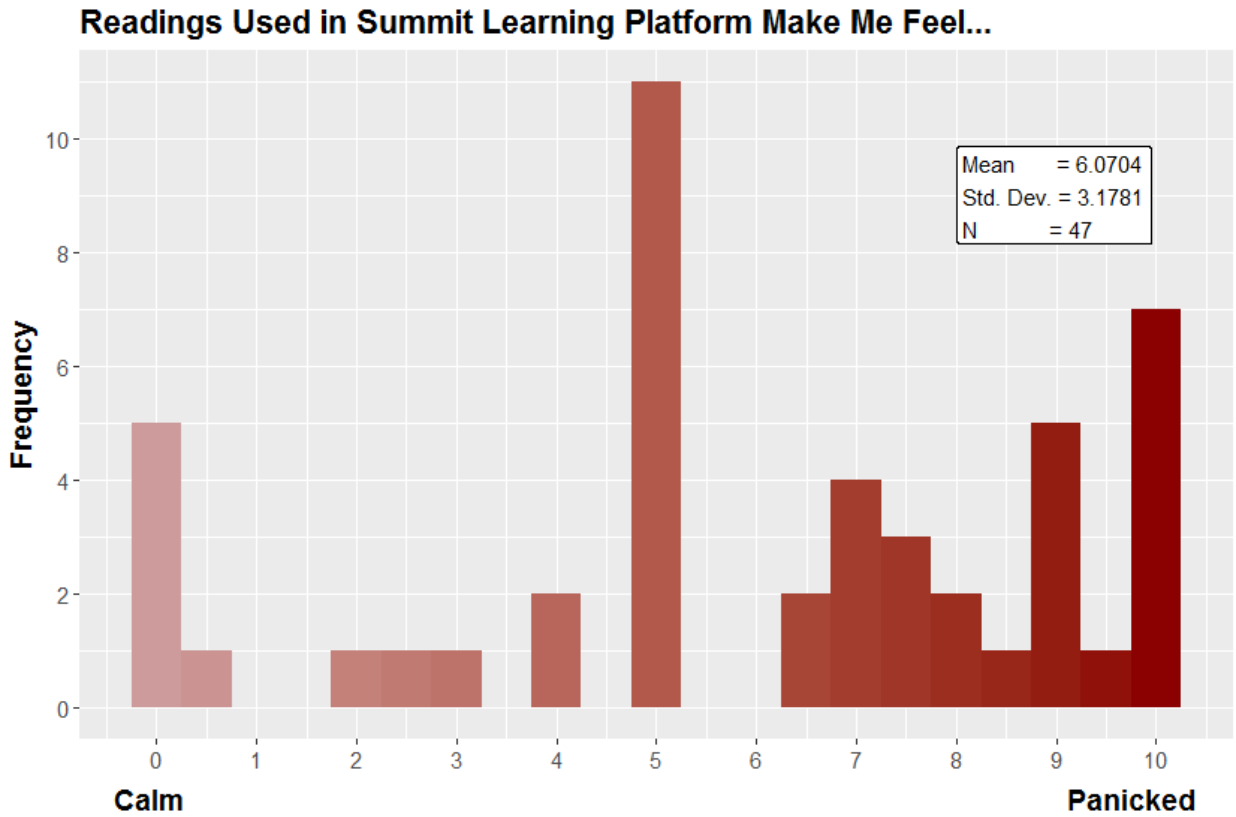

Readings Used in Summit Learning Platform are...
Frequency
Mean = 3.7843
Std. Dev. = 3.1584
N = 47
Dull
Thrilling

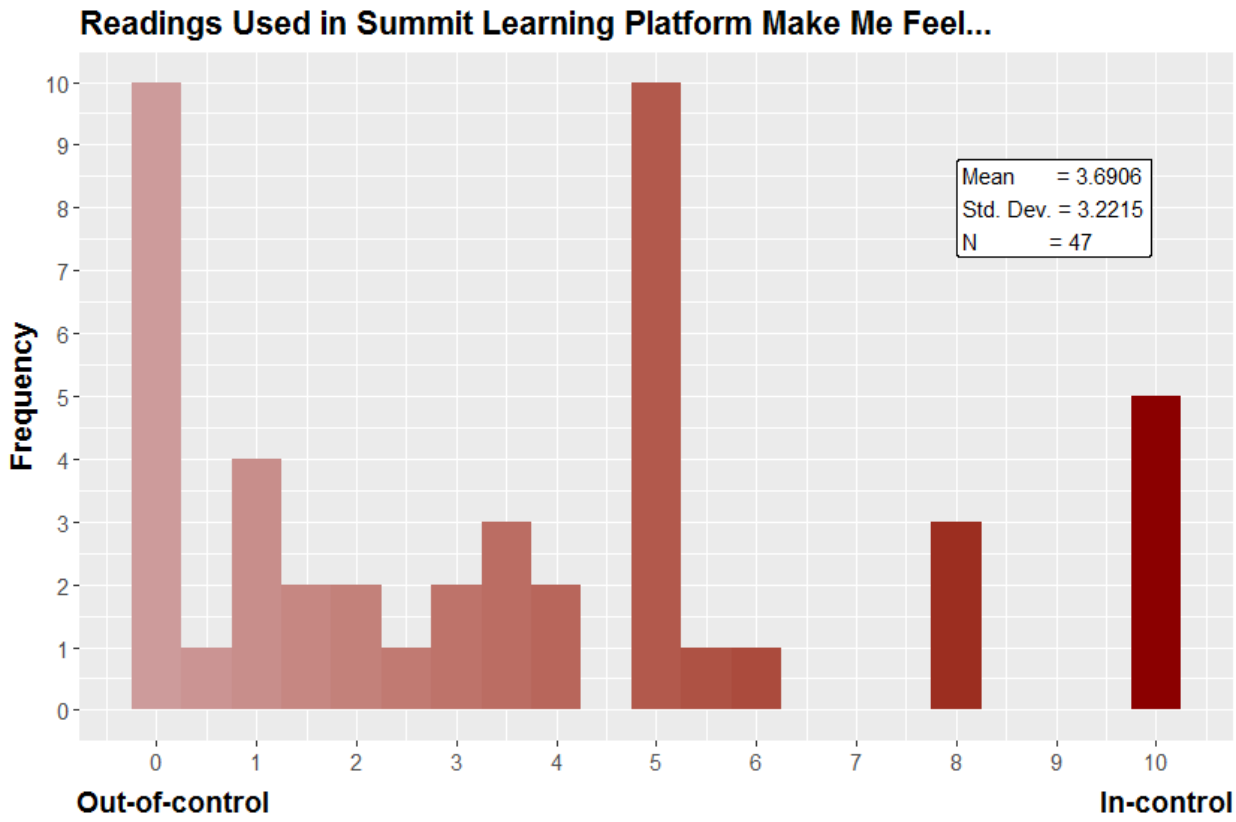

Readings Used in Summit Learning Platform Make Me Feel...
Frequency
Mean = 3.4143
Std. Dev. = 3.0394
N = 47
Sleepy
Awake

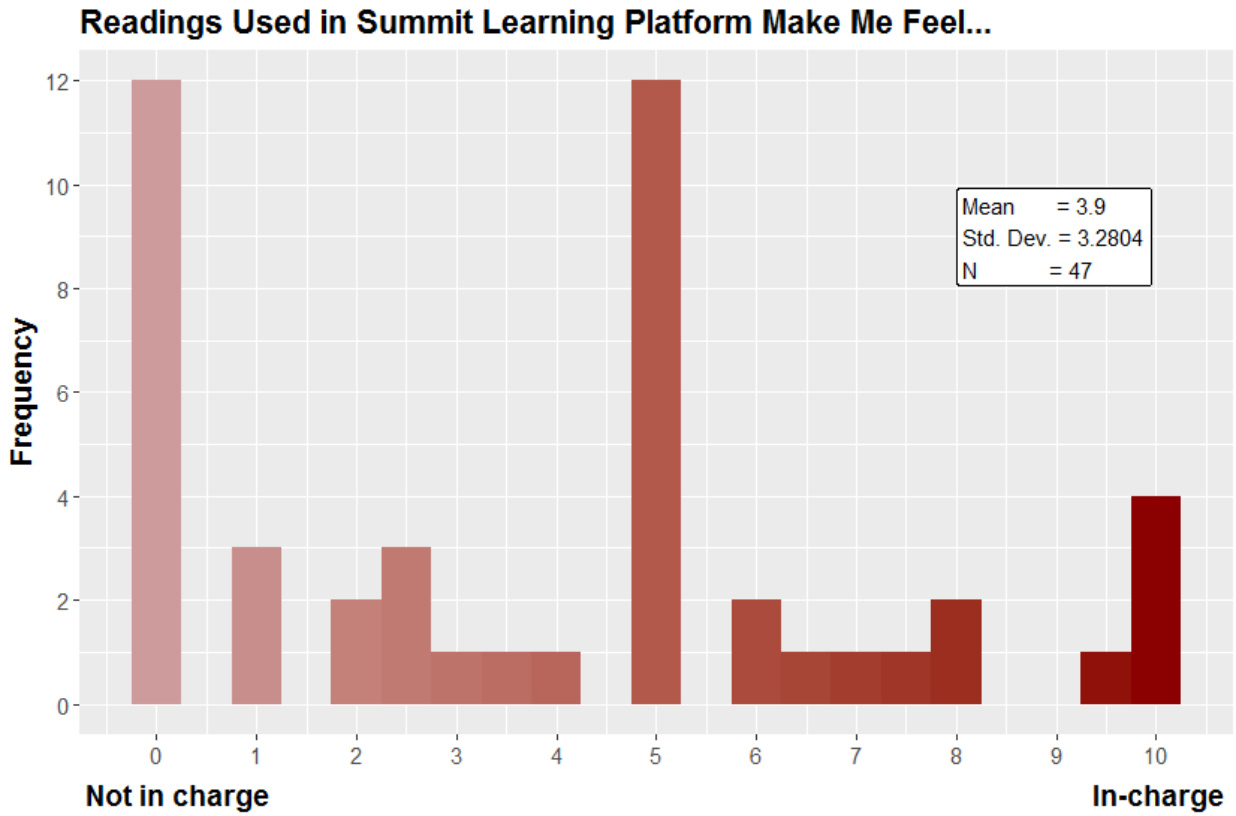

Readings Used in Summit Learning Platform are...
Frequency
Mean = 3.9826
Std. Dev. = 3.1439
N = 47
Not Entertaining
Entertaining

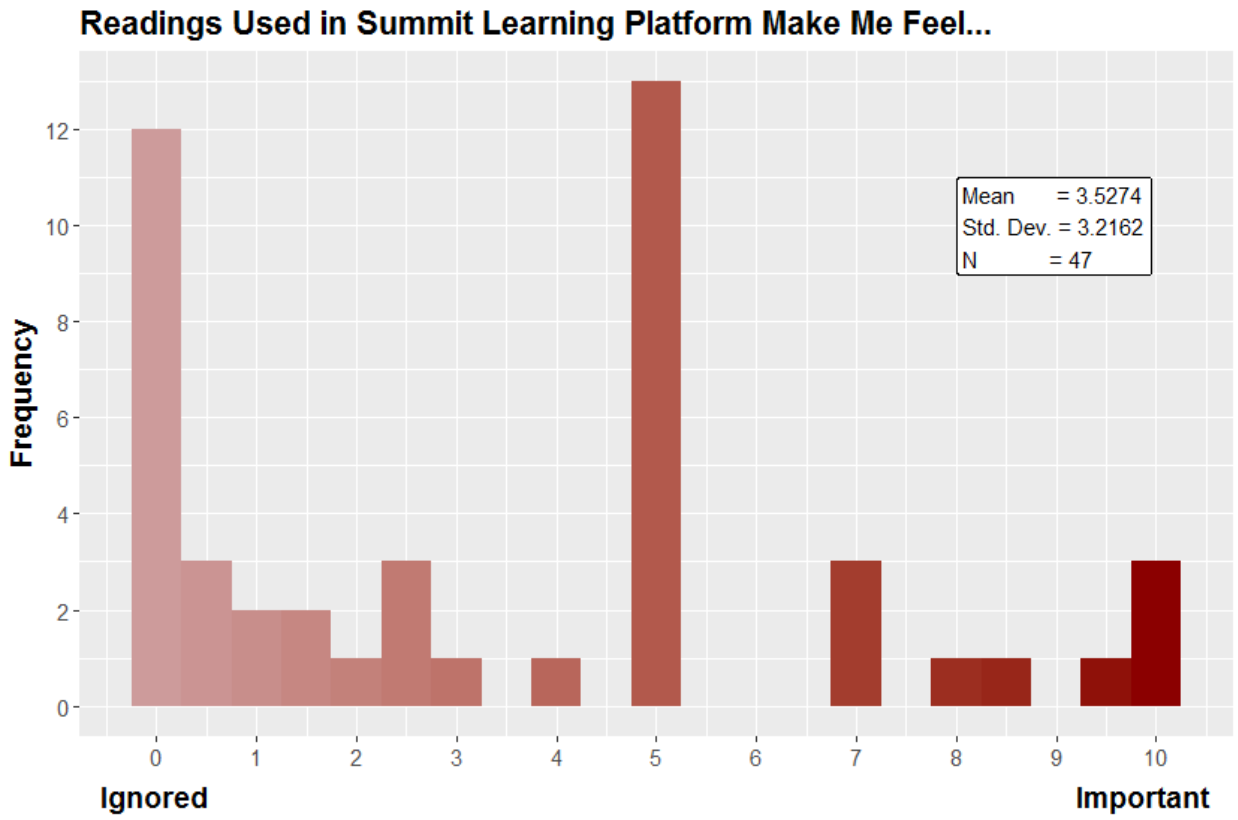

Readings Used in Summit Learning Platform are...
Frequency
Mean = 3.9221
Std. Dev. = 3.0892
N = 47
Uninteresting
Interesting

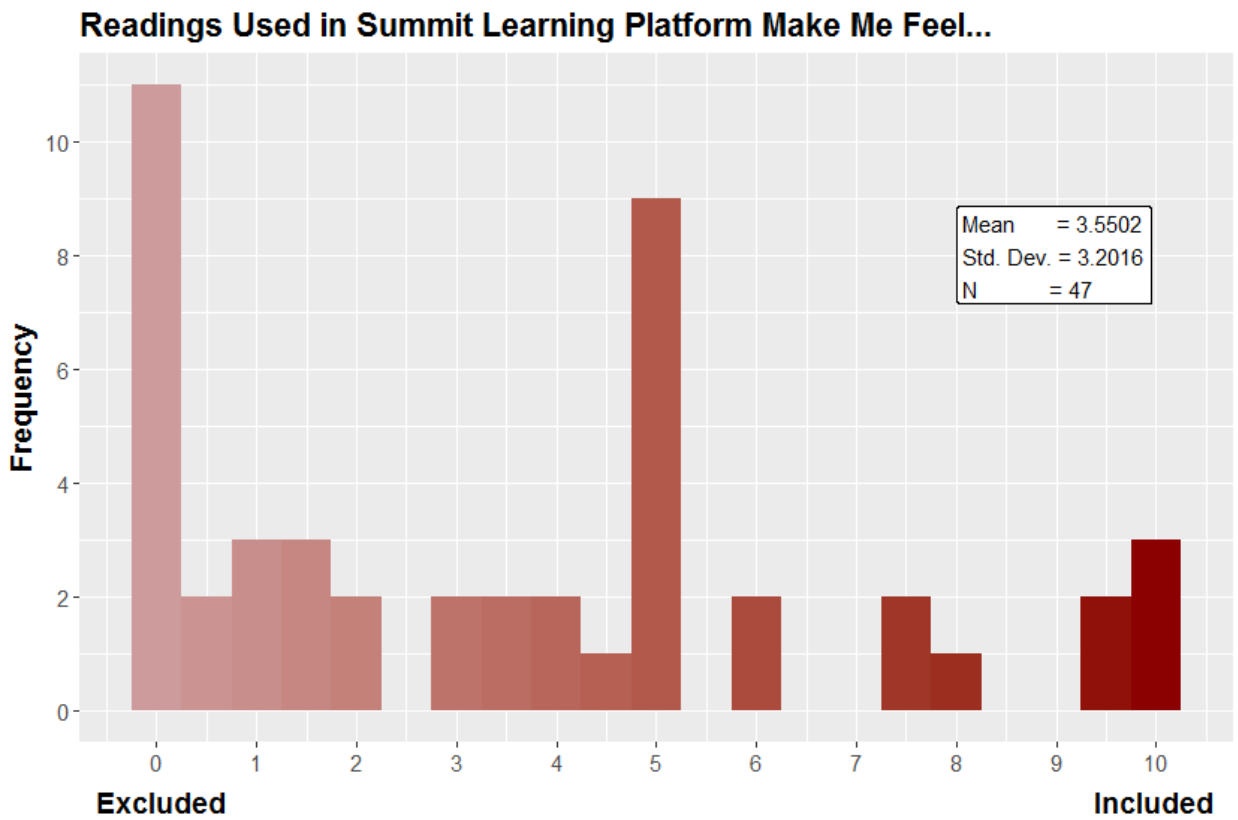

Readings Used in Summit Learning Platform are...
Mean = 3.5091
Std. Dev. = 3.0655
N = 47
Frequency
0
1
2
3
4
5
6
7
8
9
10
Tiring
Energizing

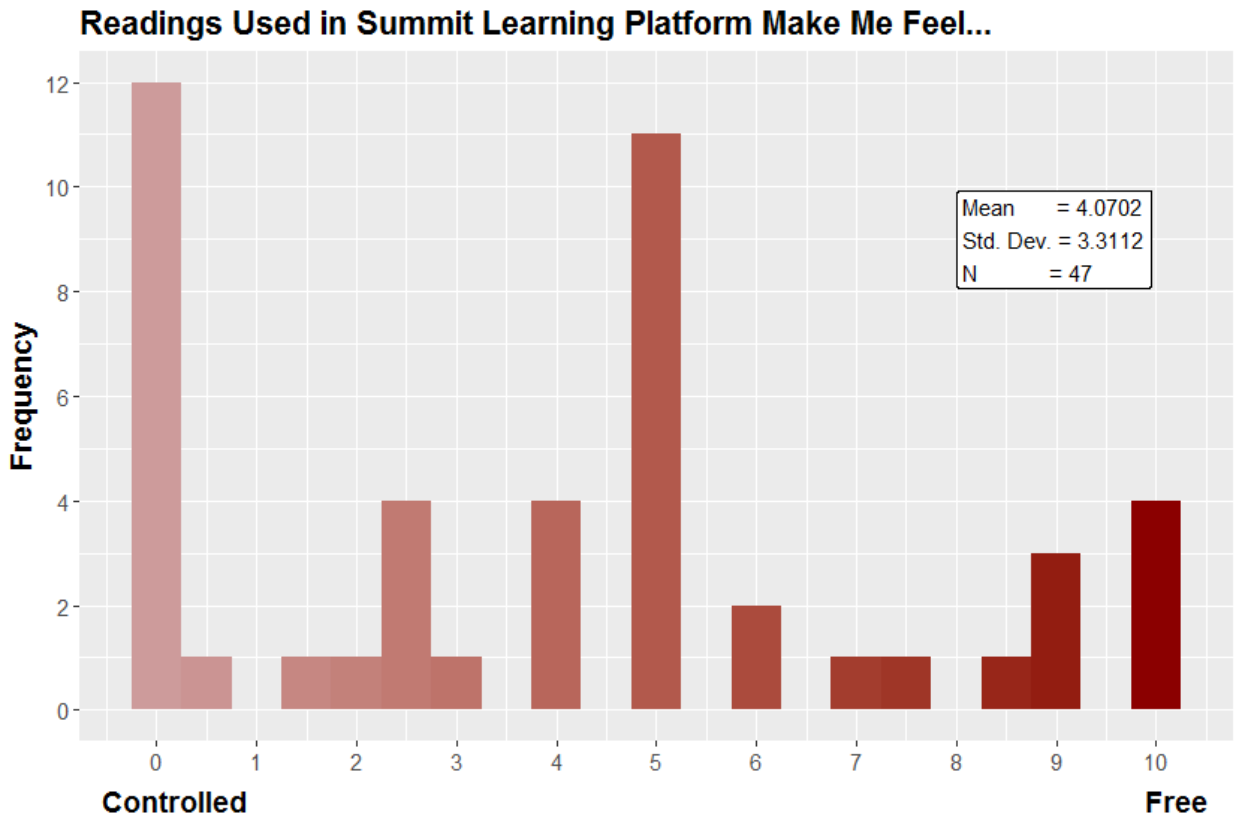

Readings Used in Summit Learning Platform Make Me Feel...
Mean = 6.0704
Std. Dev. = 3.1781
N = 47
Frequency
0
2
4
6
8
10
Calm
Panicked

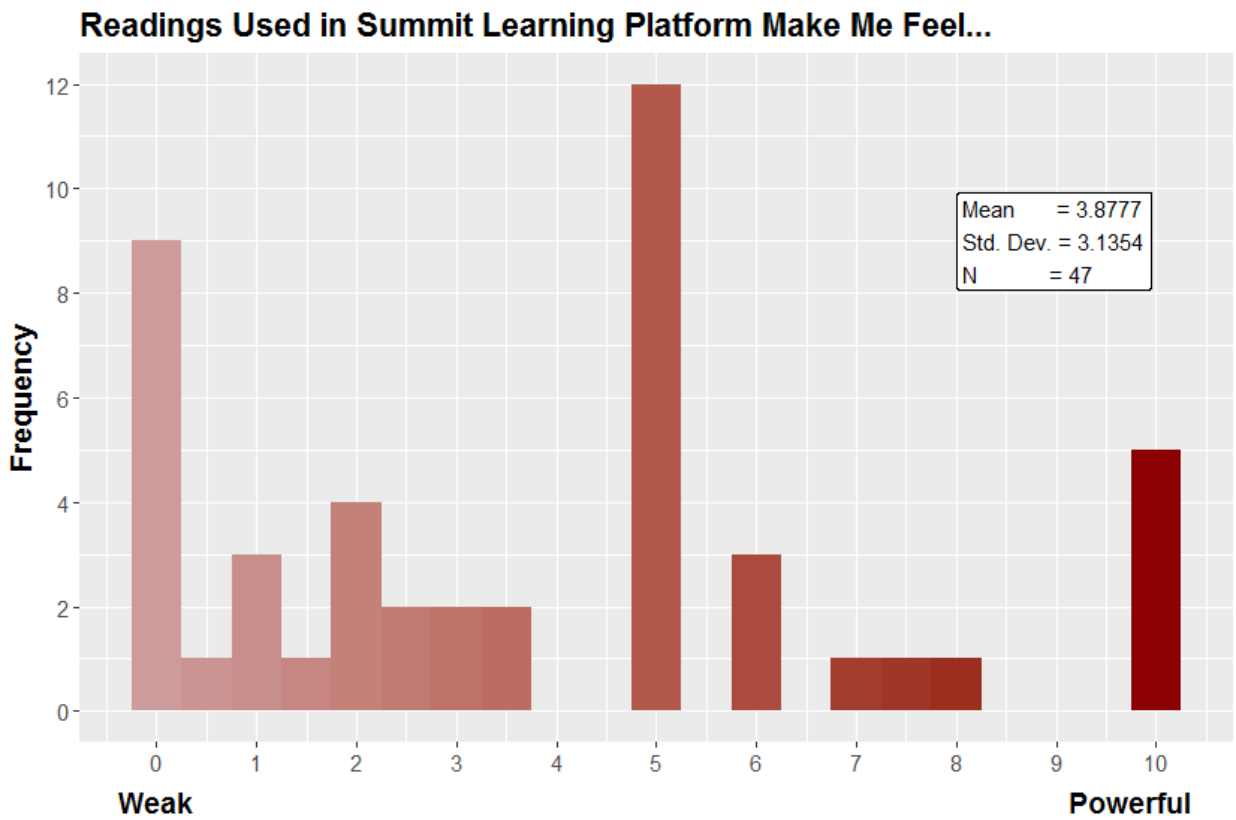

Readings Used in Summit Learning Platform Make Me Feel...
Mean = 3.6906
Std. Dev. = 3.2215
N = 47
Frequency
Out-of-control
In-control

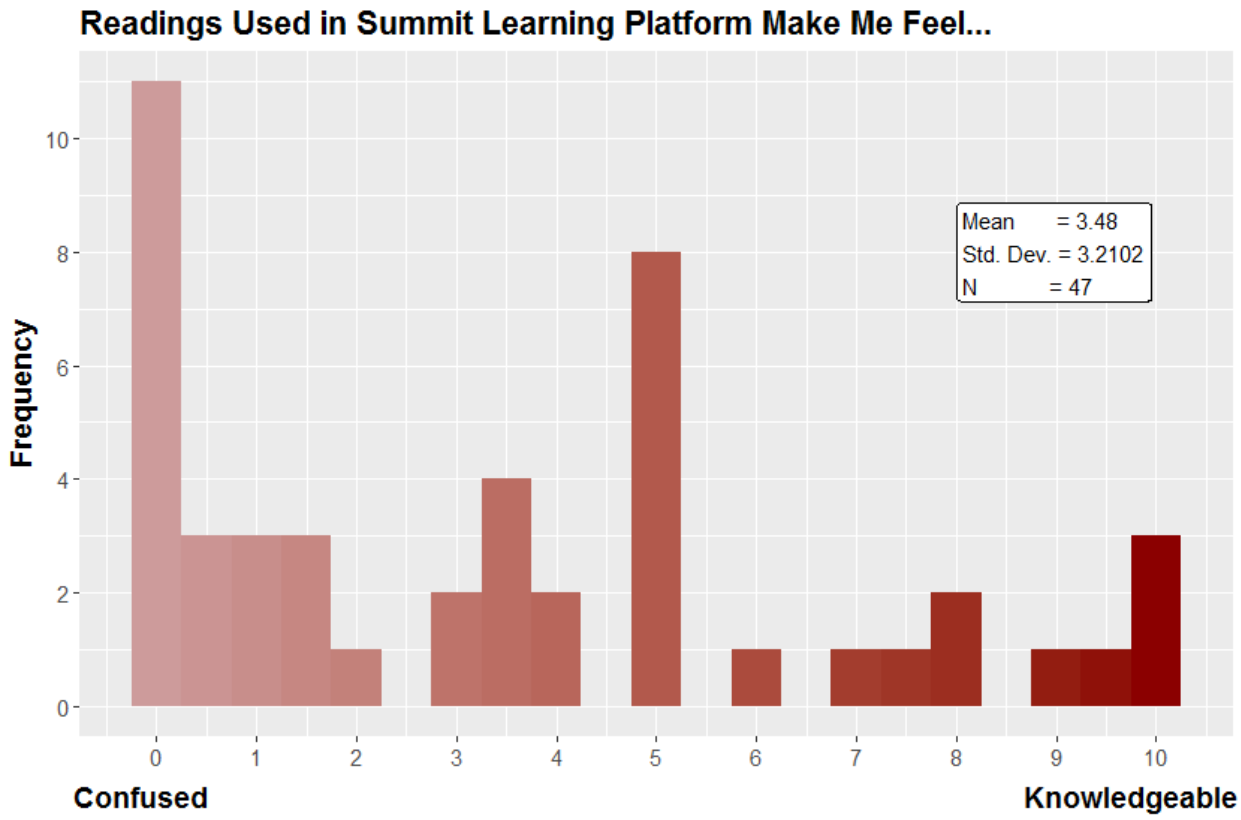

Readings Used in Summit Learning Platform Make Me Feel...
Mean = 3.9
Std. Dev. = 3.2804
N = 47
Frequency
Not in charge
In-charge


Readings Used in Summit Learning Platform Make Me Feel...
Mean = 3.5274
Std. Dev. = 3.2162
N = 47
Frequency
0
2
4
6
8
10
12
0
1
2
3
4
5
6
7
8
9
10
Ignored
Important


Readings Used in Summit Learning Platform Make Me Feel...
Mean = 3.5502
Std. Dev. = 3.2016
N = 47
Frequency
0
2
4
6
8
10
0
1
2
3
4
5
6
7
8
9
10
Excluded
Included


Readings Used in Summit Learning Platform Make Me Feel...
Mean = 4.0702
Std. Dev. = 3.3112
N = 47
Frequency
0
2
4
6
8
10
12
0
1
2
3
4
5
6
7
8
9
10
Controlled
Free


Readings Used in Summit Learning Platform Make Me Feel...
Mean = 3.8777
Std. Dev. = 3.1354
N = 47
Frequency
0
2
4
6
8
10
12
0
1
2
3
4
5
6
7
8
9
10
Weak
Powerful

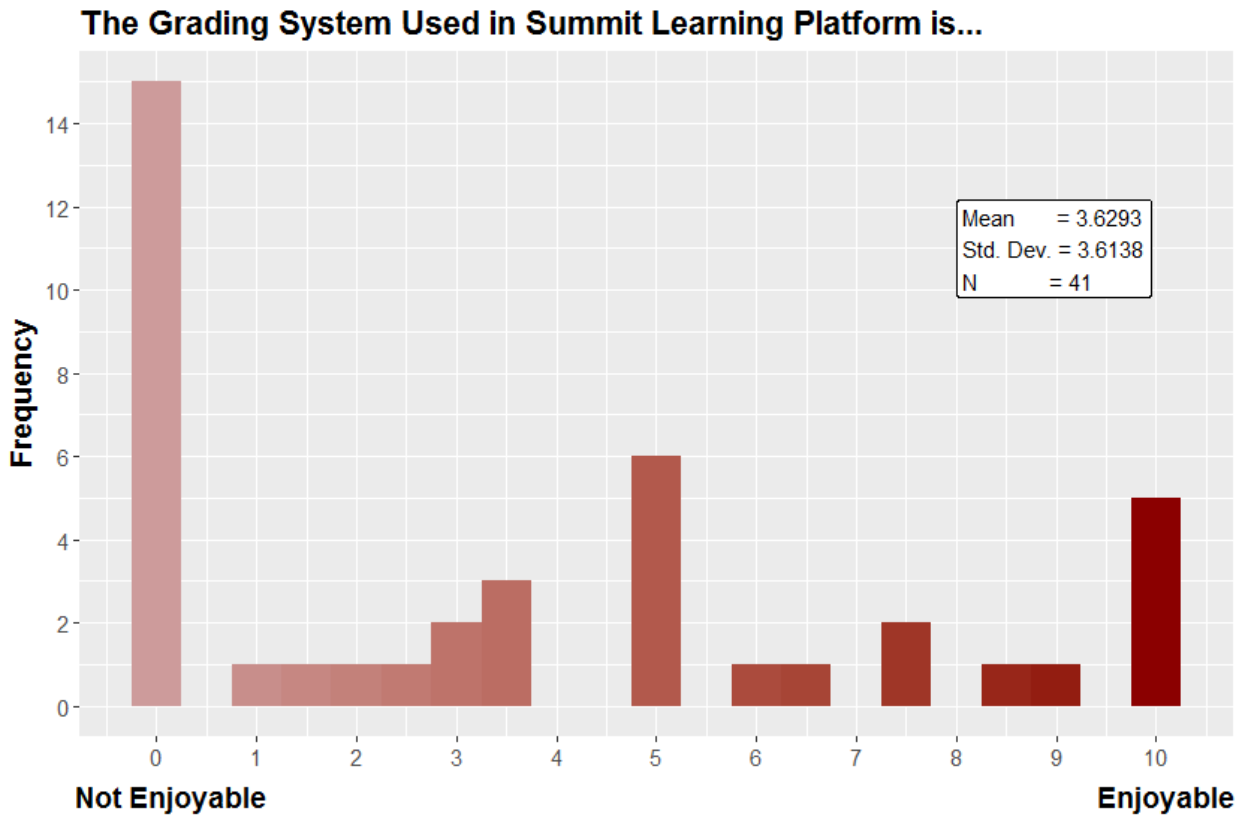

Readings Used in Summit Learning Platform Make Me Feel...
Frequency
10
8
6
4
2
0
Mean = 3.48
Std. Dev. = 3.2102
N = 47
0
1
2
3
4
5
6
7
8
9
10
Confused
Knowledgeable

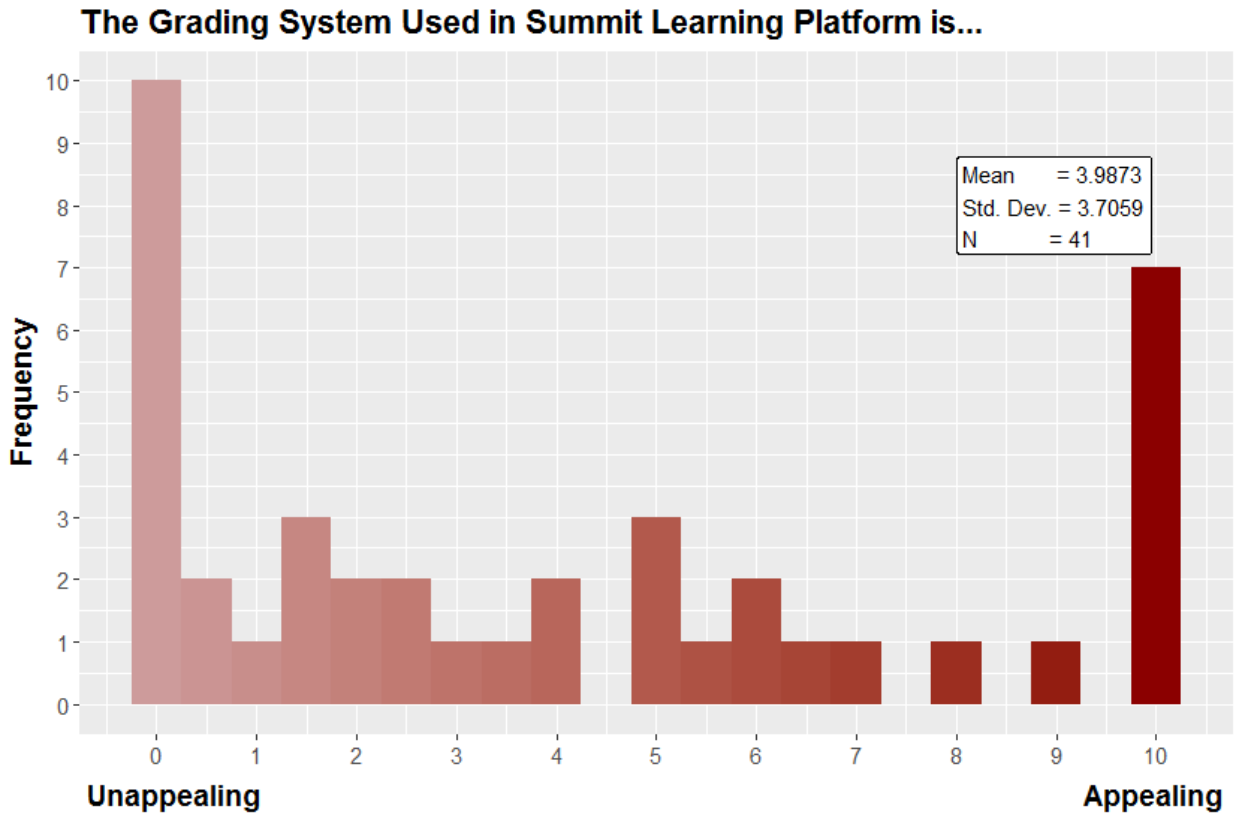
Perceptions of SLP Grading System

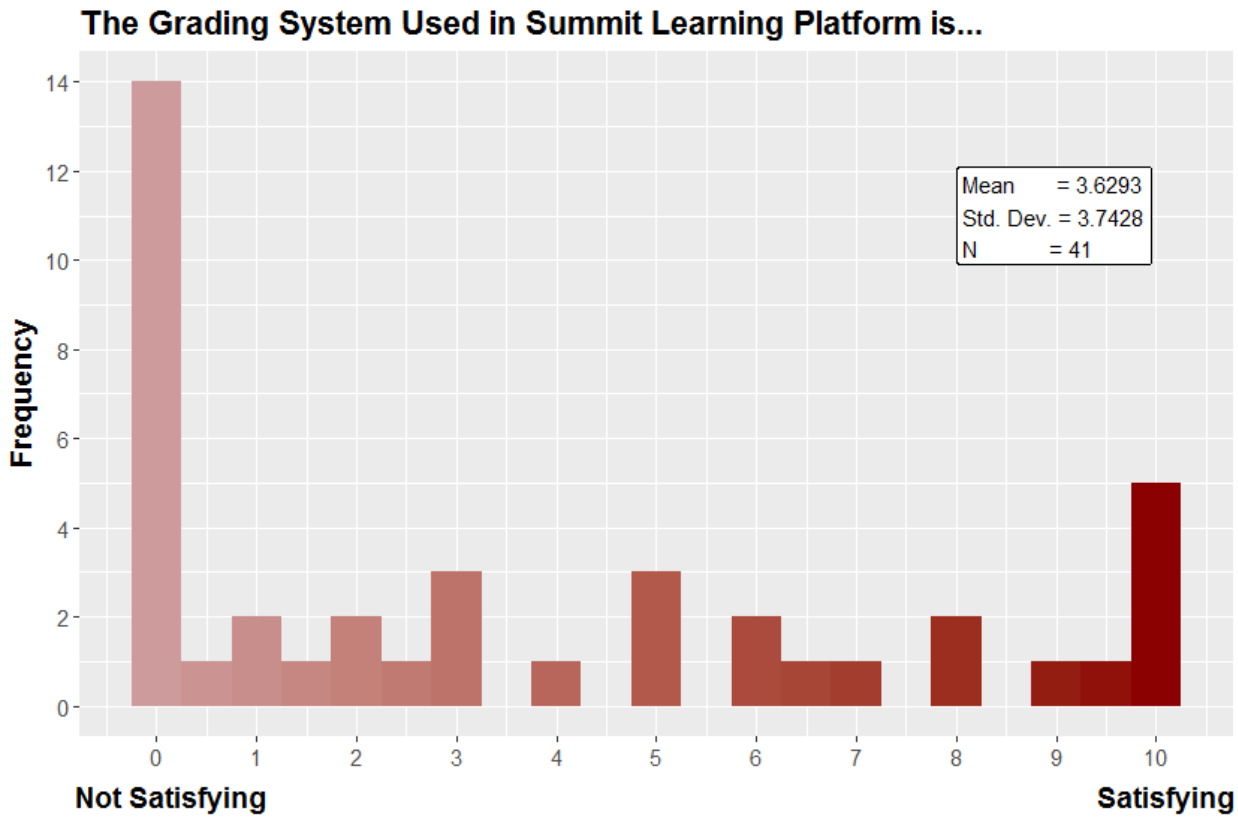
Table 7

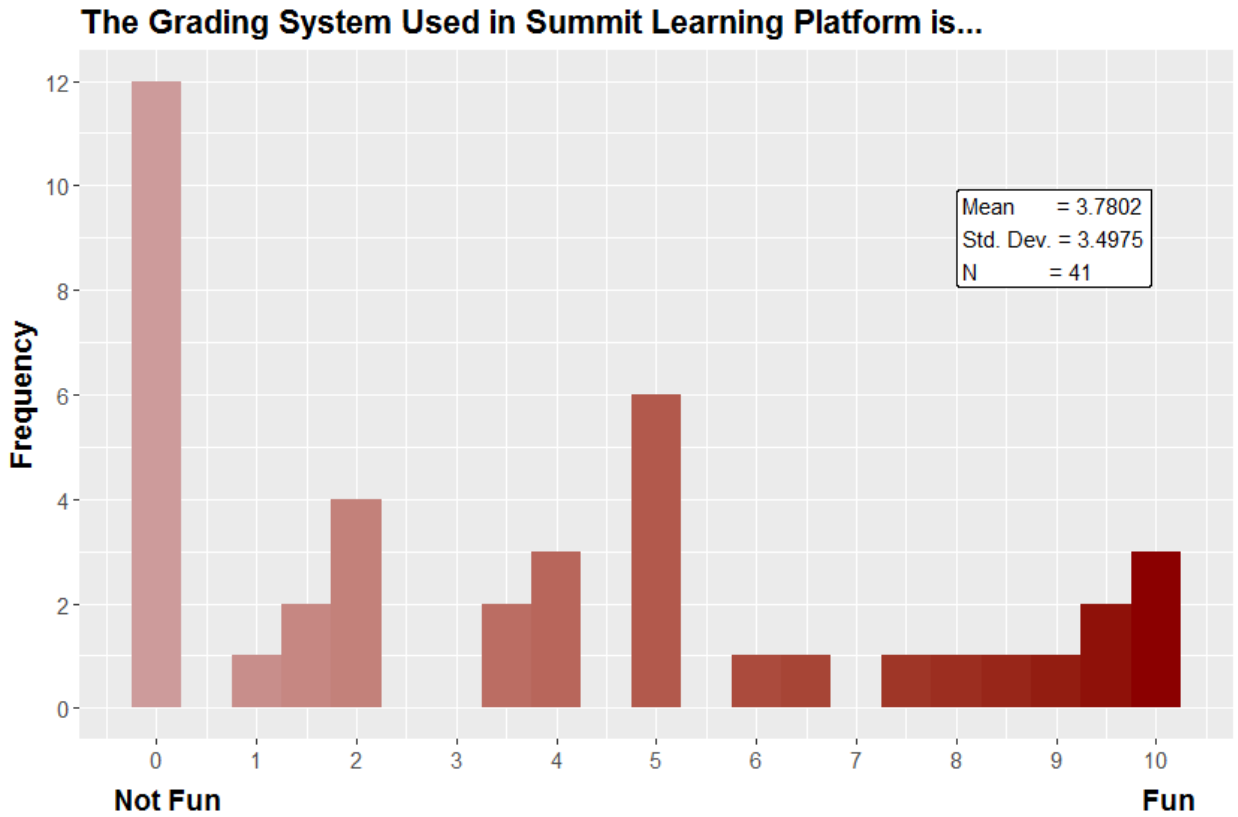
Summary of "Grading System" for Parents/Guardians

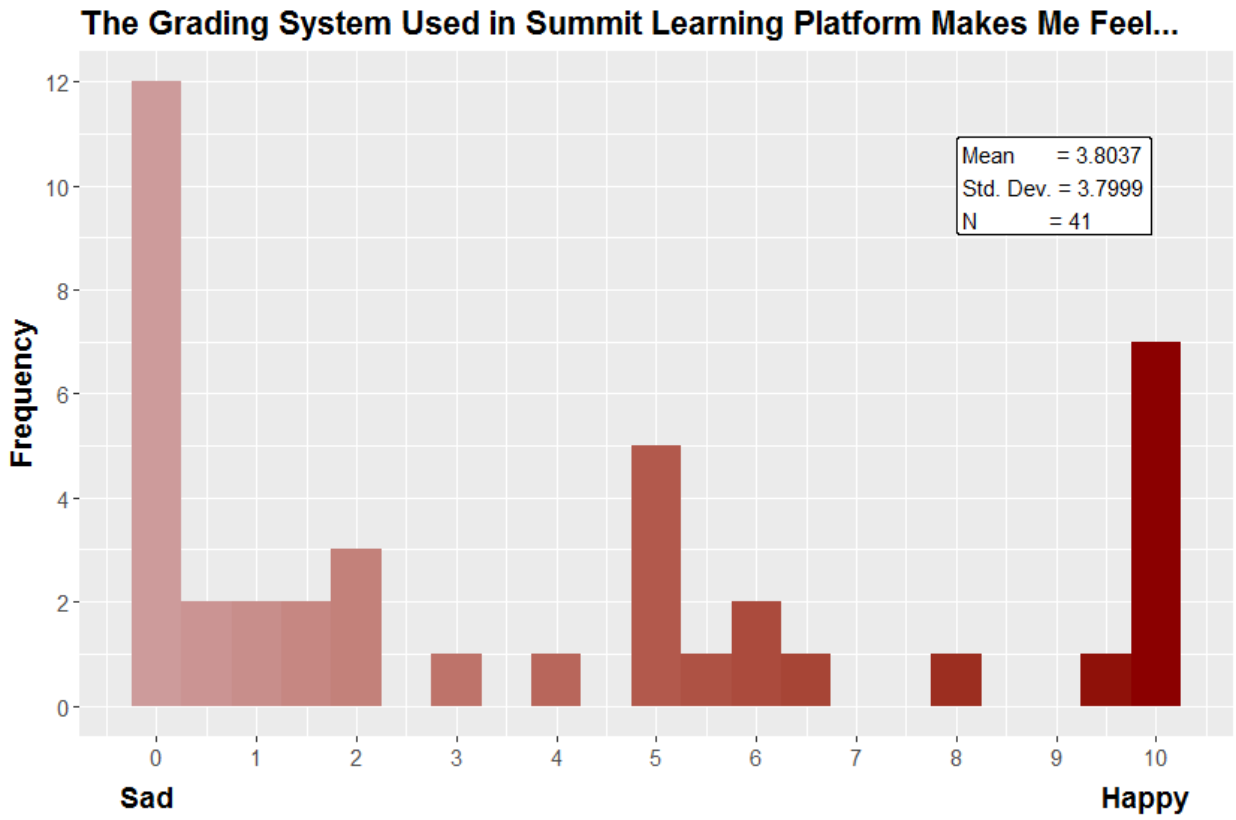
Domain	Semantic Differential	n	Mean	Median	Variance	Standard Deviation	α
Pleasure		41					.983
	Enjoyment		3.6293	2.9500	13.059	3.61377	
	Appealing		3.9873	3.1900	13.734	3.70593	
	Satisfying		3.6293	2.4300	14.009	3.74284	
	Fun		3.7802	3.6000	12.233	3.49754	
	Happy		3.8037	2.1200	14.440	3.79994	
	Pleasing		3.4715	2.0400	13.824	3.71802	
	Not Frustrating		3.0283	1.5300	14.274	3.77805	
	Appropriate		3.7080	2.1700	14.904	3.86063	
Arousal		41					.984
	Stressful		6.5656	7.5700	13.933	3.73265	
	Exciting		4.4878	5.0000	10.972	3.31246	
	Thrilling		4.2283	5.0000	11.096	3.33101	
	Wide-Awake		4.5646	5.0000	10.168	3.18878	
	Entertaining		4.2527	5.0000	11.504	3.39173	
	Interesting		4.3824	4.9900	12.256	3.50089	
	Energizing		4.1298	5.0000	11.194	3.34568	
	Panicked		6.3793	7.6300	11.960	3.45837	
Dominance		41					.978
	In Control		3.9376	3.9300	12.694	3.56289	
	In Charge		3.6154	2.9500	13.030	3.60977	
	Important		3.5654	2.4700	13.013	3.60729	
	Included		3.9924	3.5000	13.411	3.66206	
	Free		4.0398	4.1400	10.862	3.29579	
	Powerful		4.1807	5.0000	12.483	3.53306	
	Knowledgeable		2.9946	.7100	13.922	3.73119	

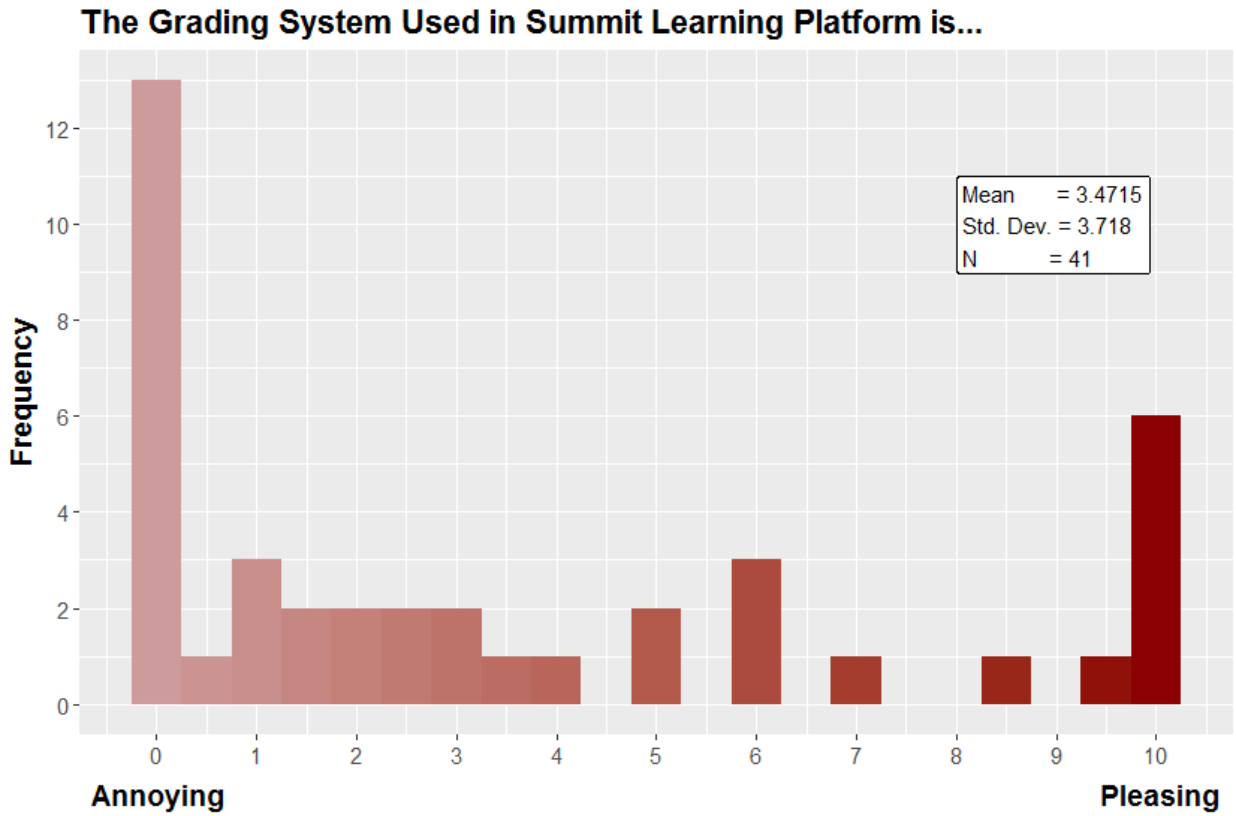

The Grading System Used in Summit Learning Platform is...
Mean = 3.6293
Std. Dev. = 3.6138
N = 41
Frequency
0
2
4
6
8
10
12
14
0 1 2 3 4 5 6 7 8 9 10
Not Enjoyable
Enjoyable

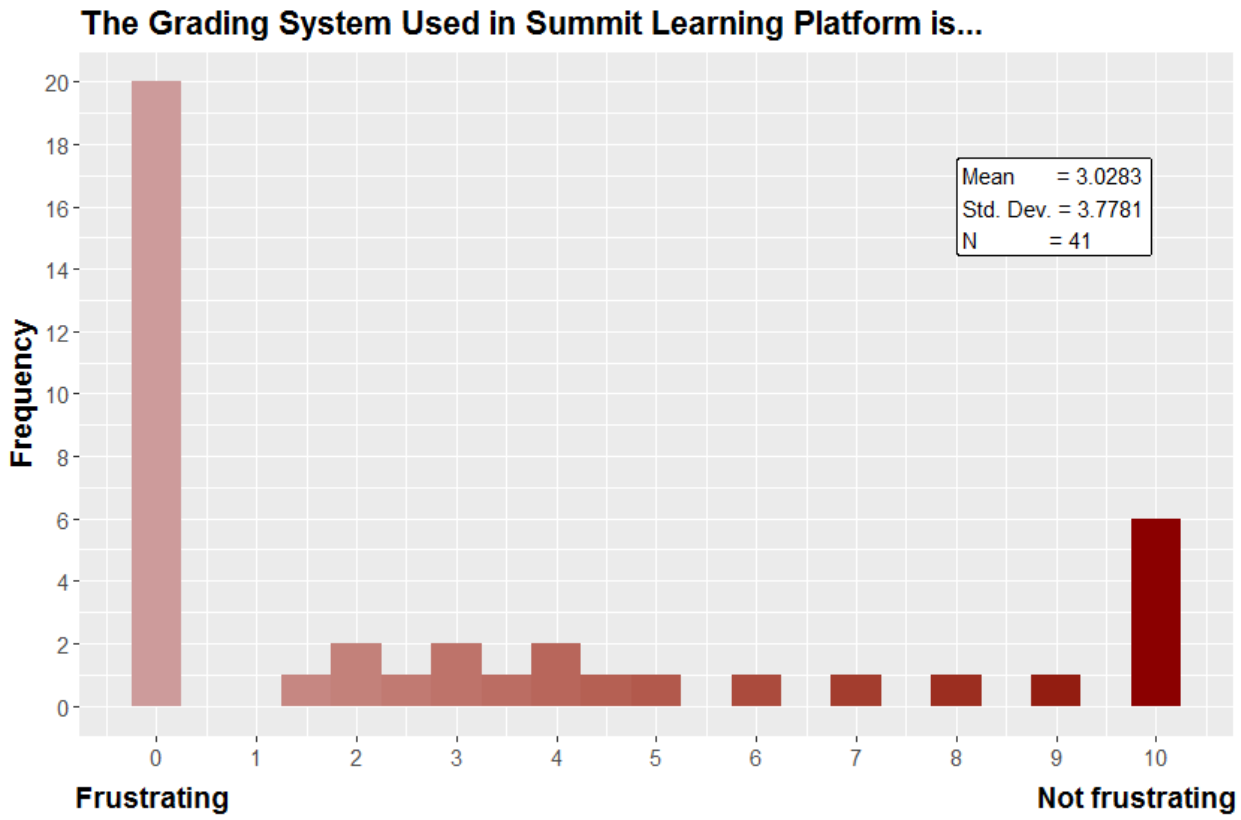

The Grading System Used in Summit Learning Platform is...
Mean = 3.9873
Std. Dev. = 3.7059
N = 41
Frequency
0
1
2
3
4
5
6
7
8
9
10
0 1 2 3 4 5 6 7 8 9 10
Unappealing
Appealing

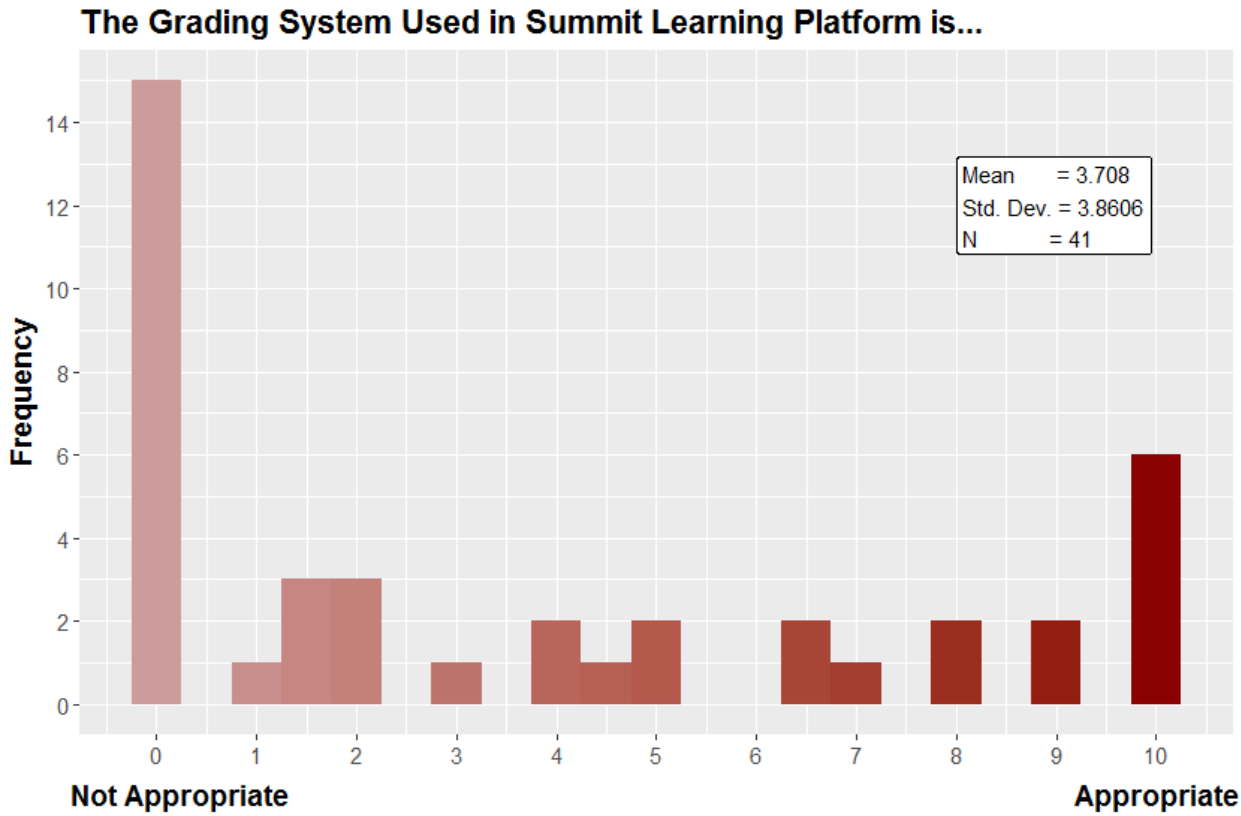

The Grading System Used in Summit Learning Platform is...
Mean = 3.6293
Std. Dev. = 3.7428
N = 41
Frequency
0
2
4
6
8
10
12
14
0
1
2
3
4
5
6
7
8
9
10
Not Satisfying
Satisfying

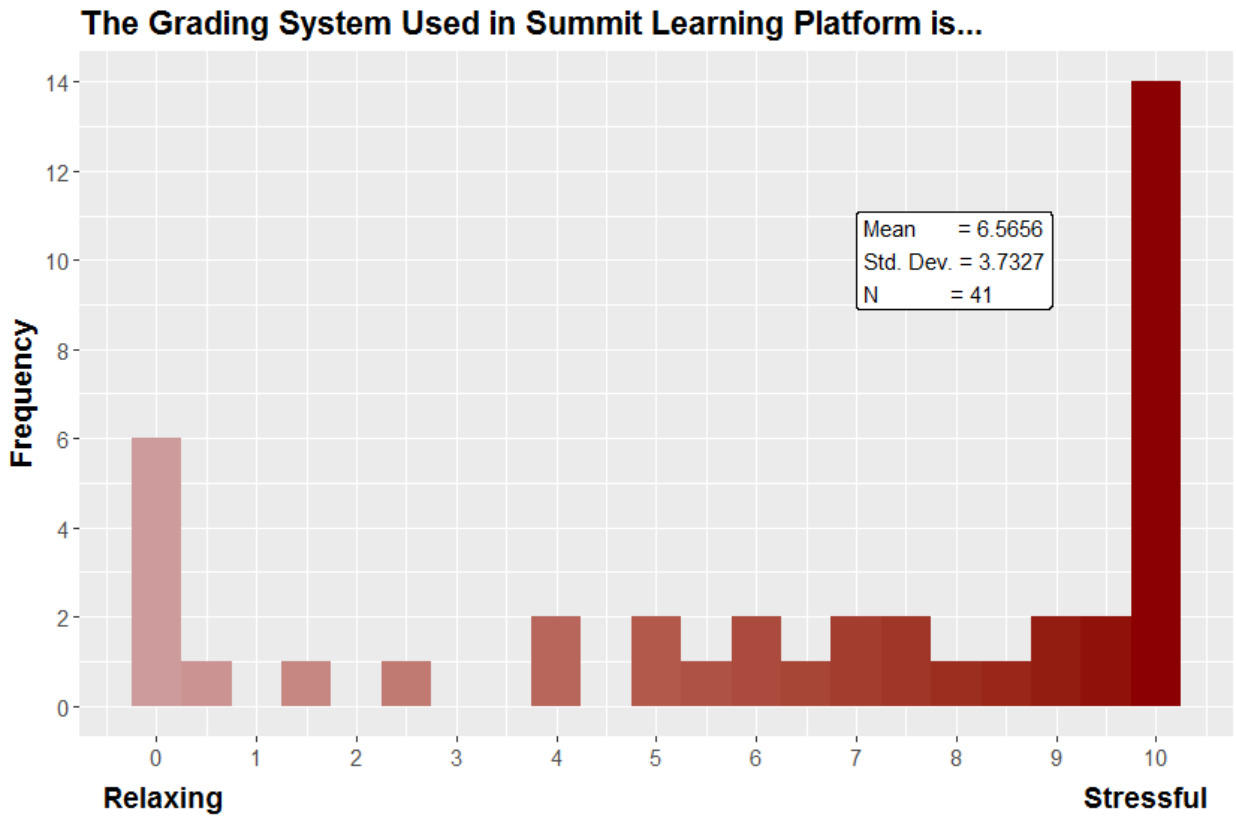

The Grading System Used in Summit Learning Platform is...
Mean = 3.7802
Std. Dev. = 3.4975
N = 41
Frequency
0
2
4
6
8
10
12
0
1
2
3
4
5
6
7
8
9
10
Not Fun
Fun

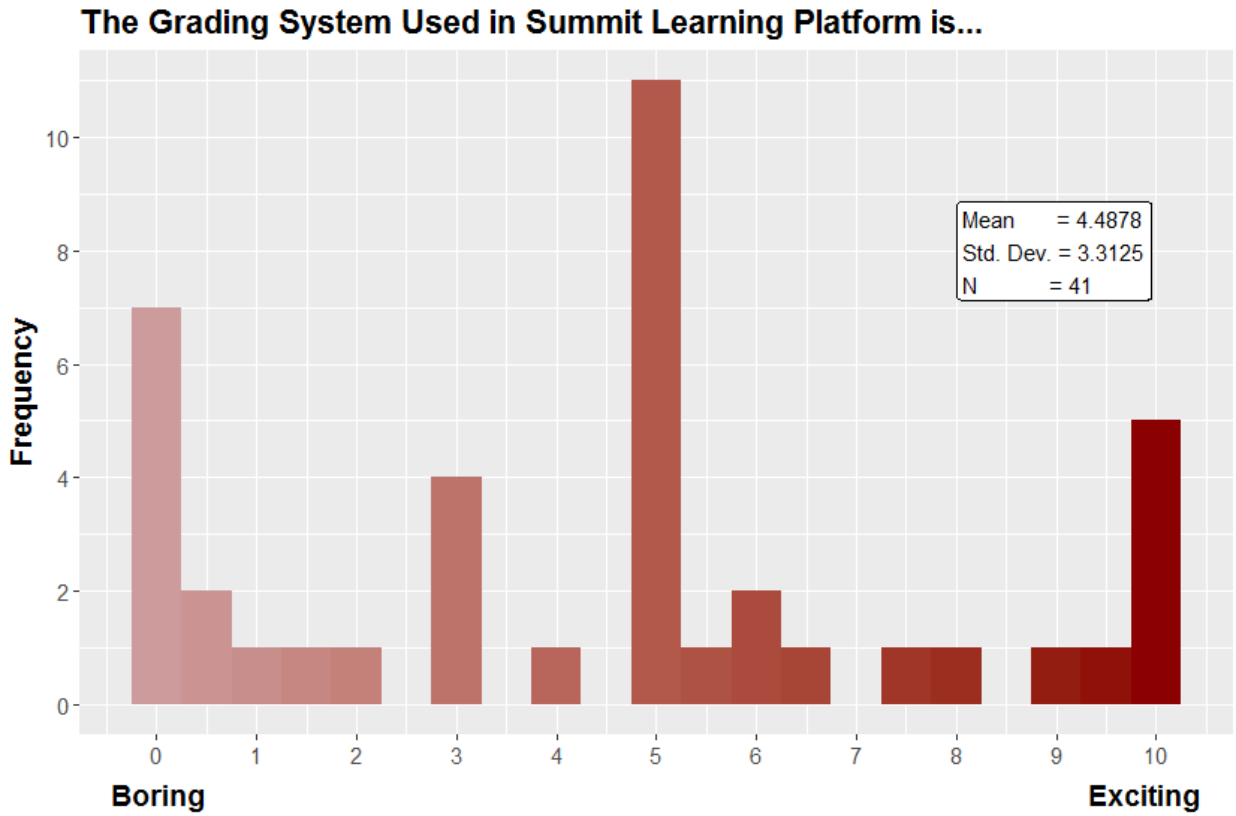

The Grading System Used in Summit Learning Platform Makes Me Feel...
Mean = 3.8037
Std. Dev. = 3.7999
N = 41
Frequency
0
2
4
6
8
10
12
0 1 2 3 4 5 6 7 8 9 10
Sad
Happy

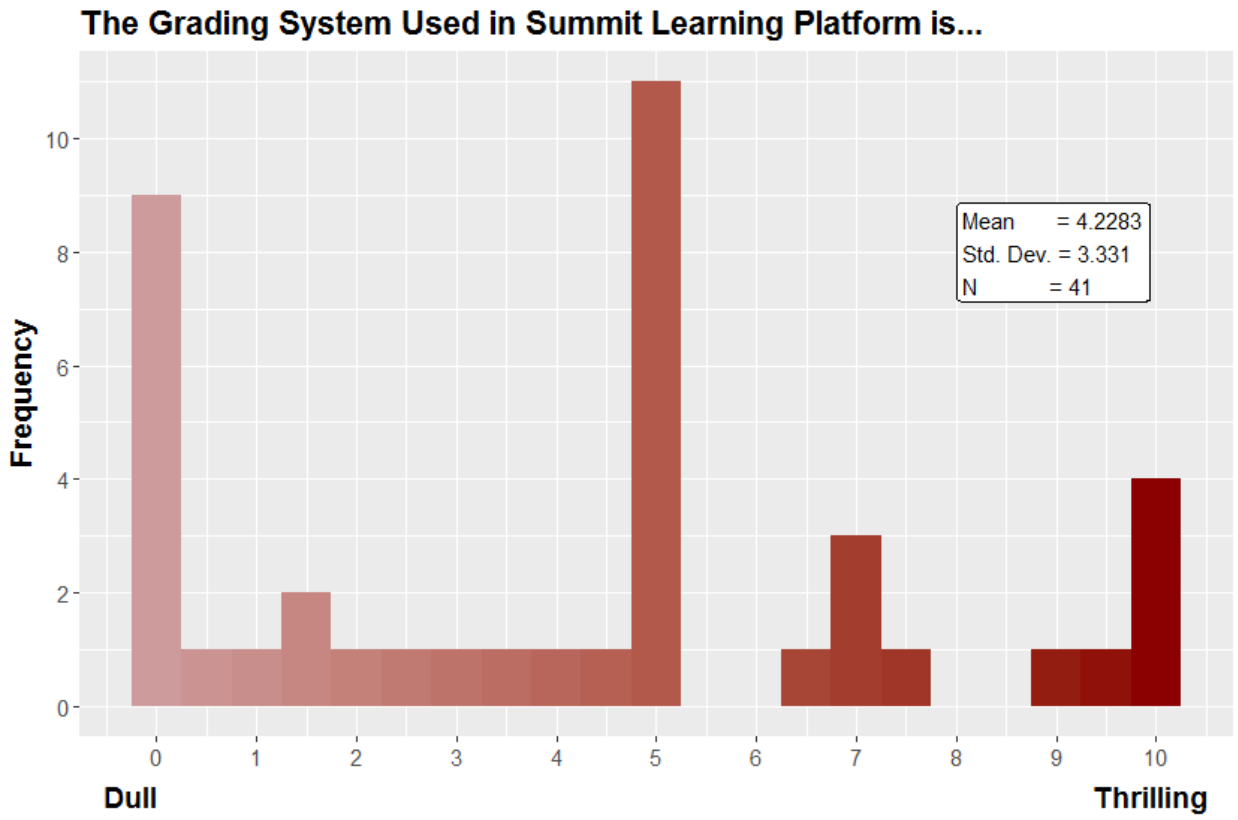

The Grading System Used in Summit Learning Platform is...
Mean = 3.4715
Std. Dev. = 3.718
N = 41
Frequency
0
2
4
6
8
10
12
0 1 2 3 4 5 6 7 8 9 10
Annoying
Pleasing

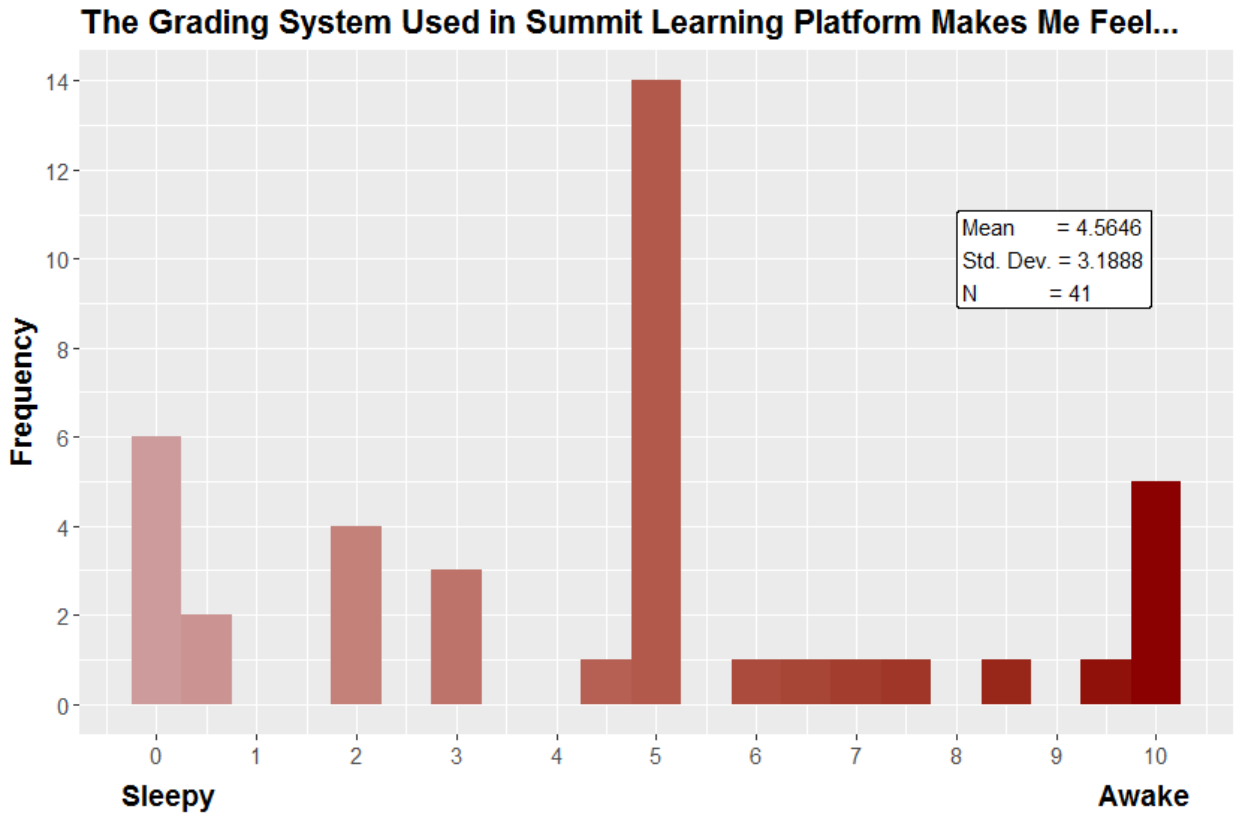

The Grading System Used in Summit Learning Platform is...
Mean = 3.0283
Std. Dev. = 3.7781
N = 41
Frequency
0
2
4
6
8
10
12
14
16
18
20
0
1
2
3
4
5
6
7
8
9
10
Frustrating
Not frustrating

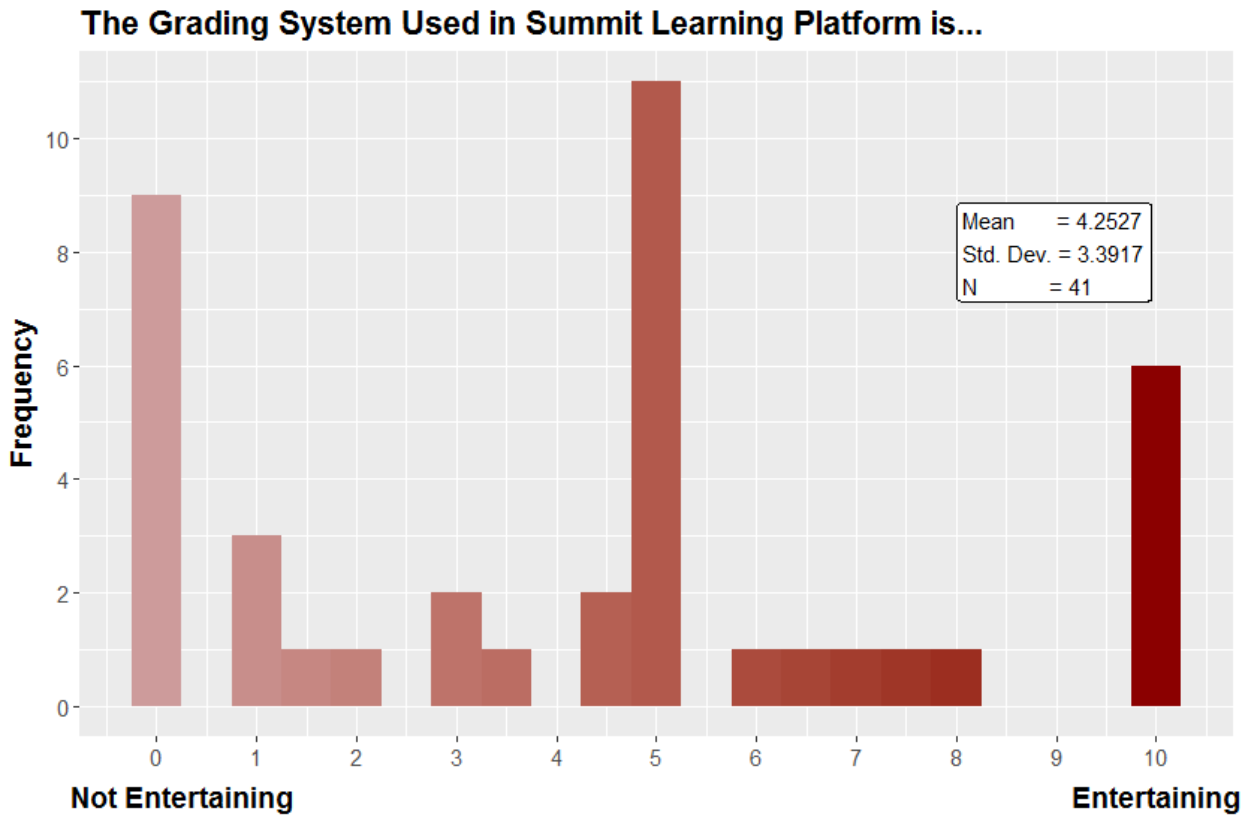

The Grading System Used in Summit Learning Platform is...
Mean = 3.708
Std. Dev. = 3.8606
N = 41
Frequency
0
2
4
6
8
10
12
14
0
1
2
3
4
5
6
7
8
9
10
Not Appropriate
Appropriate

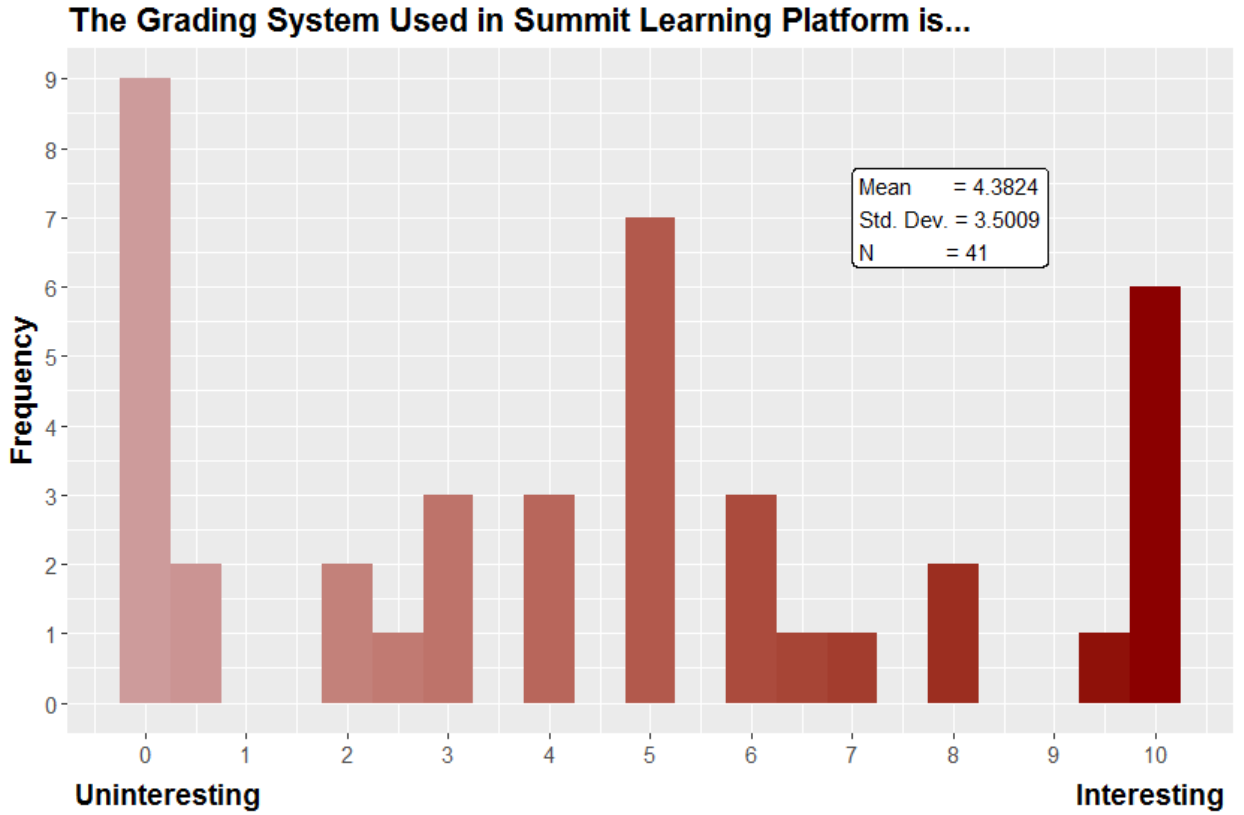

The Grading System Used in Summit Learning Platform is...
Mean = 6.5656
Std. Dev. = 3.7327
N = 41
Frequency
0
2
4
6
8
10
12
14
0 1 2 3 4 5 6 7 8 9 10
Relaxing
Stressful

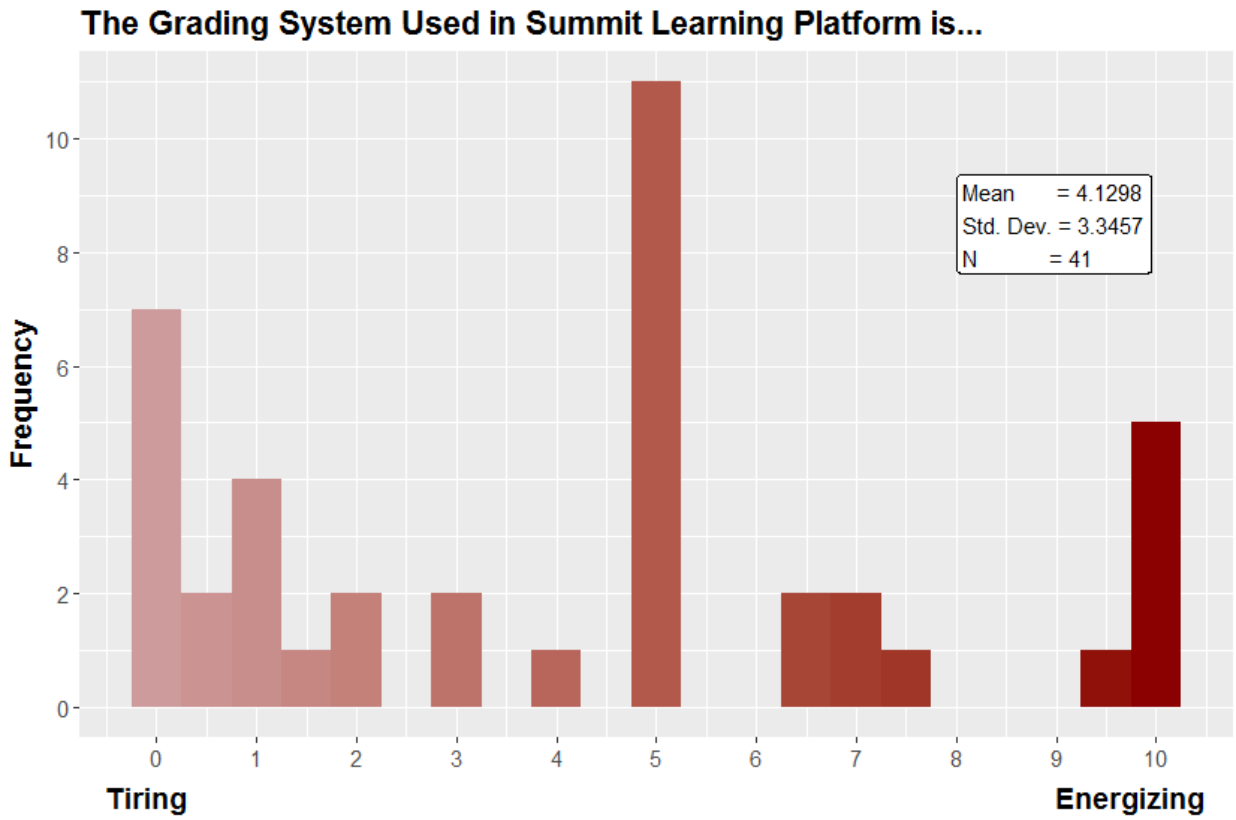

The Grading System Used in Summit Learning Platform is...
Mean = 4.4878
Std. Dev. = 3.3125
N = 41
Frequency
0
2
4
6
8
10
0 1 2 3 4 5 6 7 8 9 10
Boring
Exciting

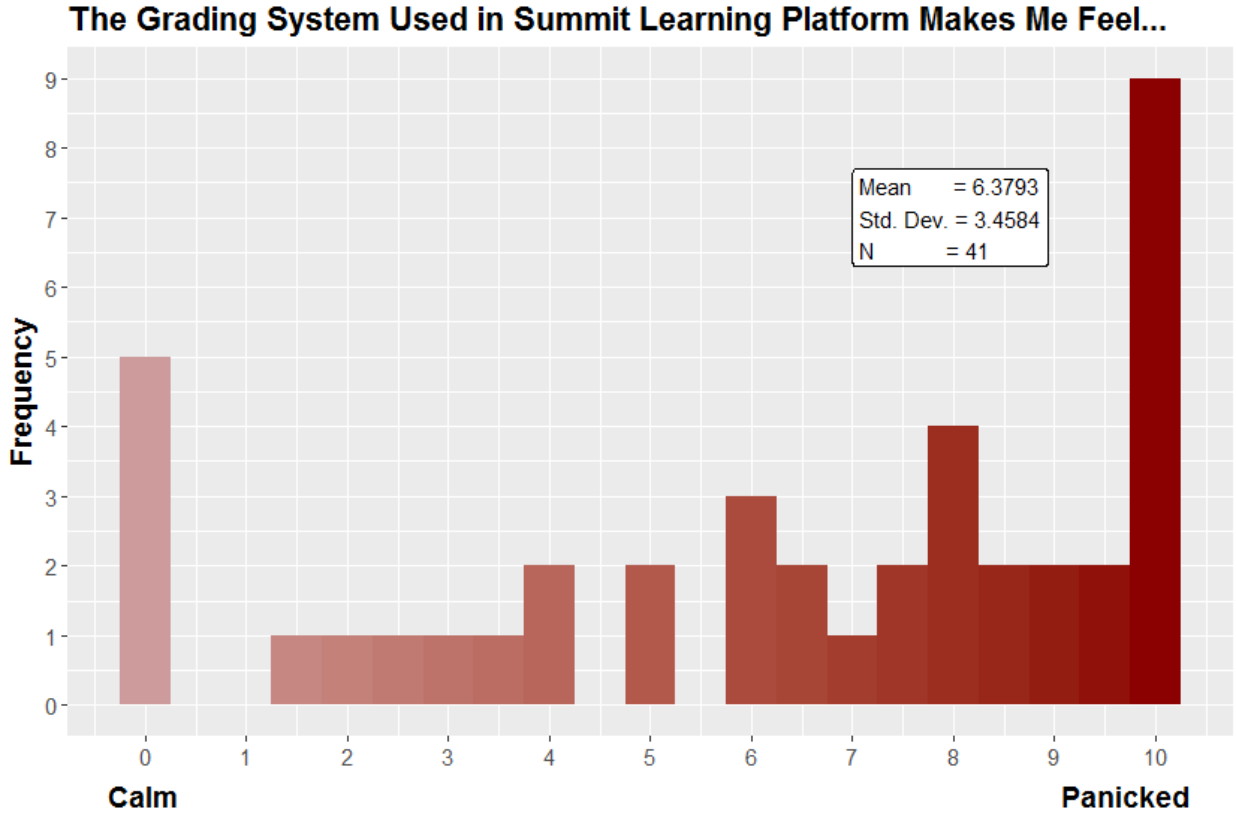

The Grading System Used in Summit Learning Platform is...
Mean = 4.2283
Std. Dev. = 3.331
N = 41
Frequency
0
2
4
6
8
10
0 1 2 3 4 5 6 7 8 9 10
Dull
Thrilling

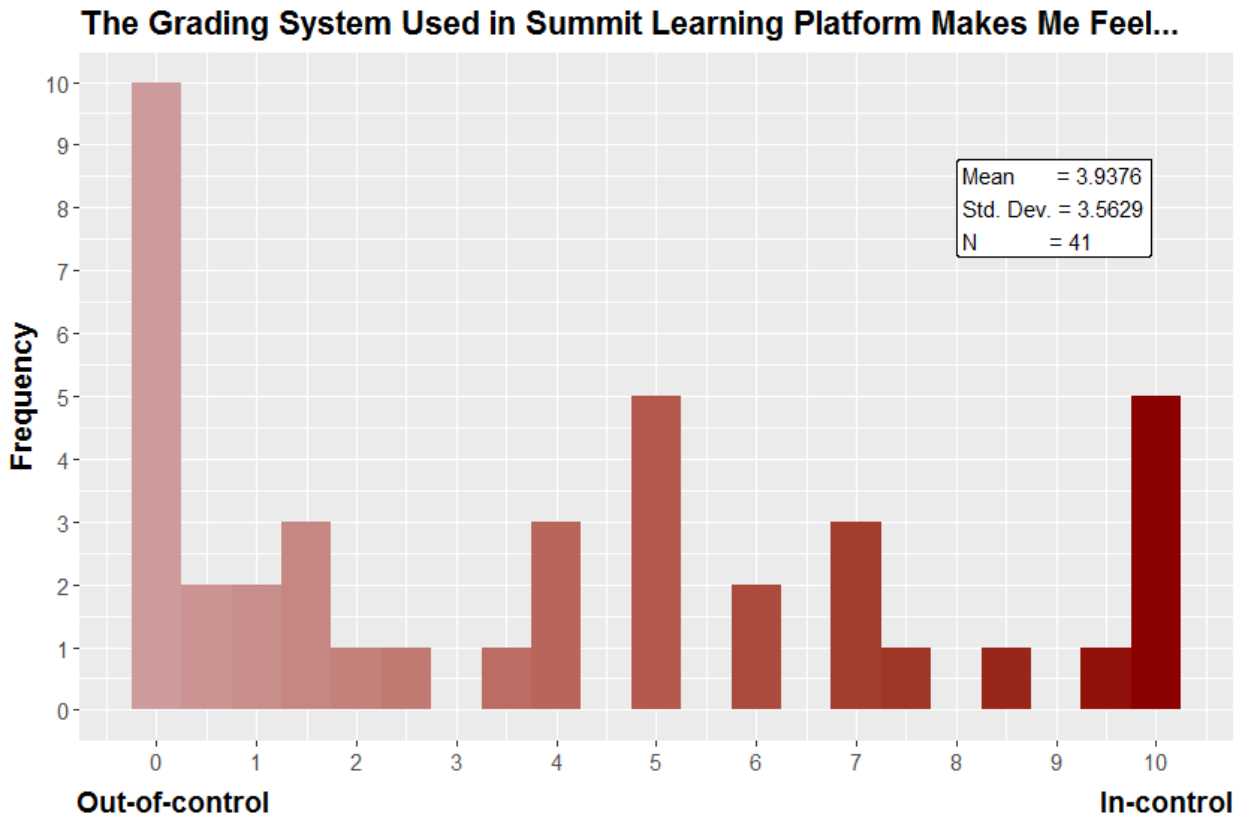

The Grading System Used in Summit Learning Platform Makes Me Feel...
Mean = 4.5646
Std. Dev. = 3.1888
N = 41
Frequency
0
2
4
6
8
10
12
14
0 1 2 3 4 5 6 7 8 9 10
Sleepy
Awake

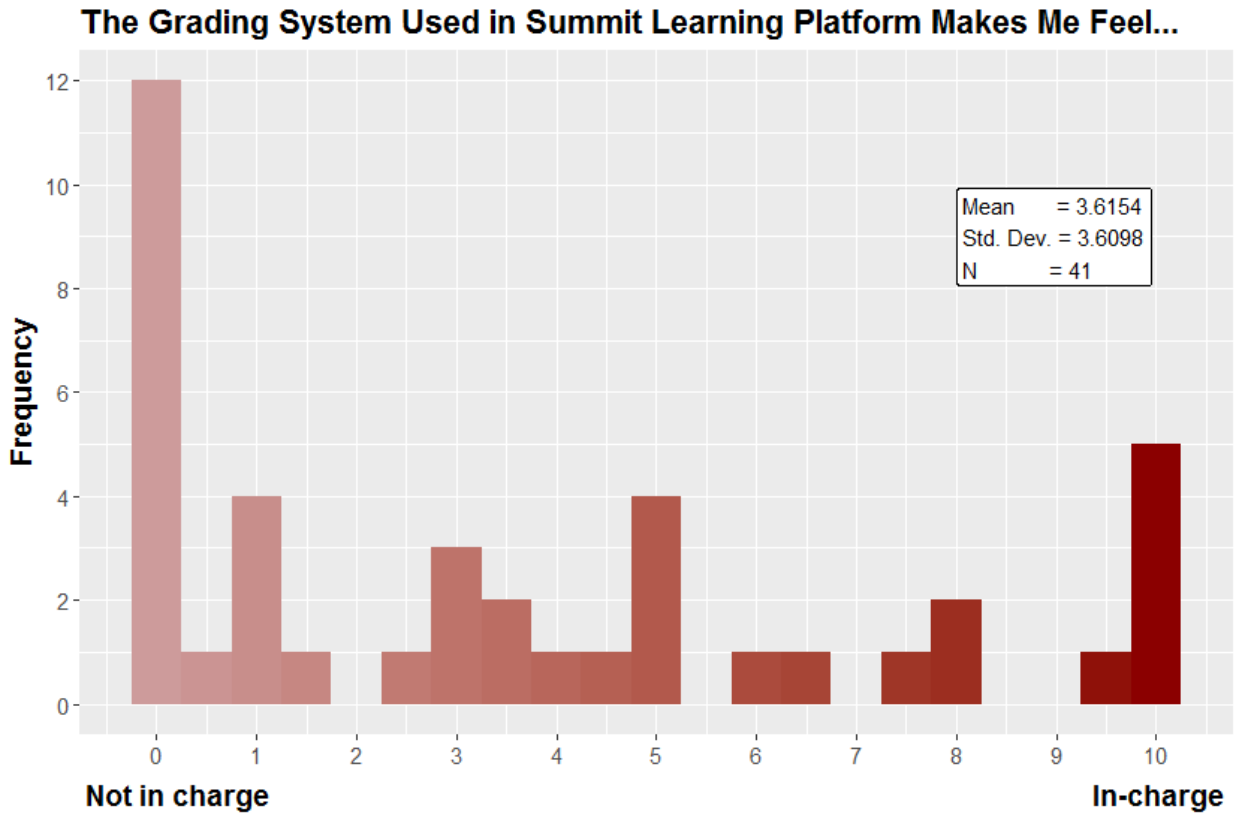

The Grading System Used in Summit Learning Platform is...
Frequency
Mean = 4.2527
Std. Dev. = 3.3917
N = 41
Not Entertaining
Entertaining

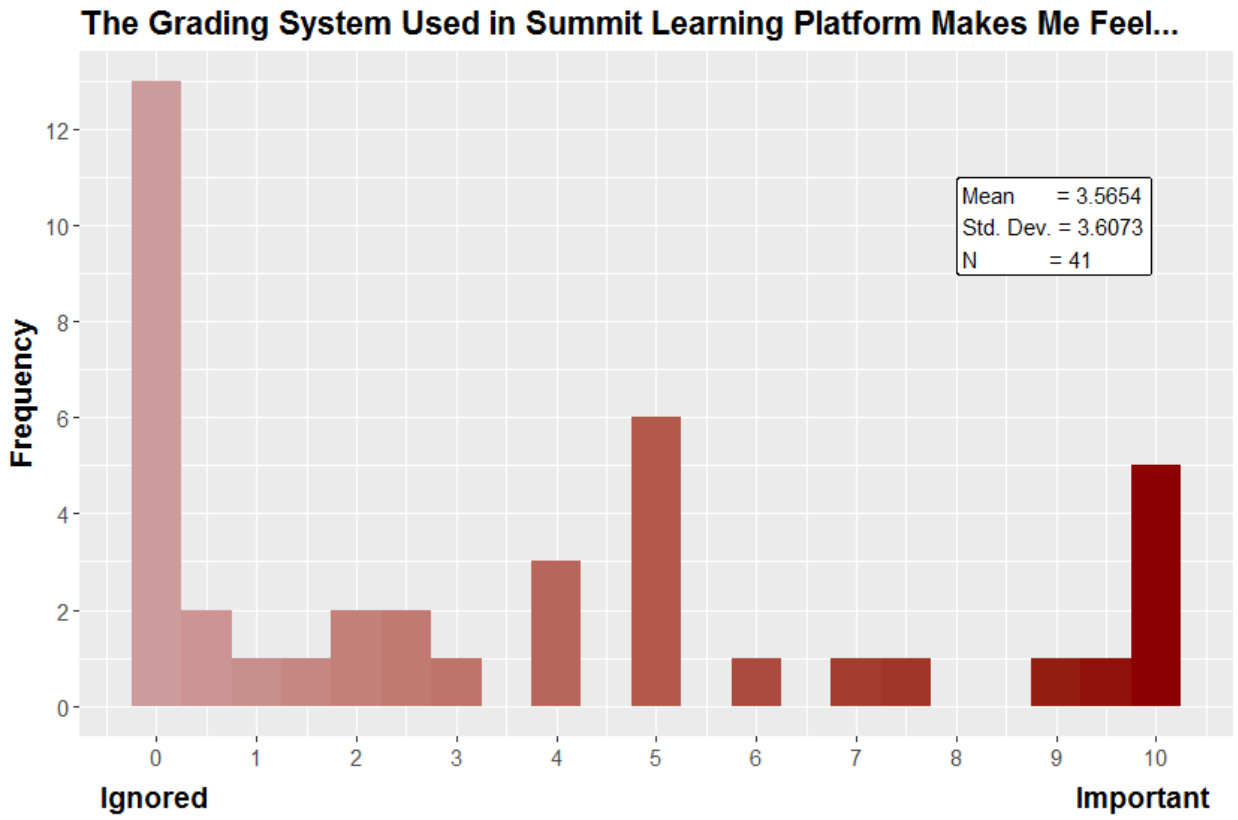

The Grading System Used in Summit Learning Platform is...
Frequency
Mean = 4.3824
Std. Dev. = 3.5009
N = 41
Uninteresting
Interesting

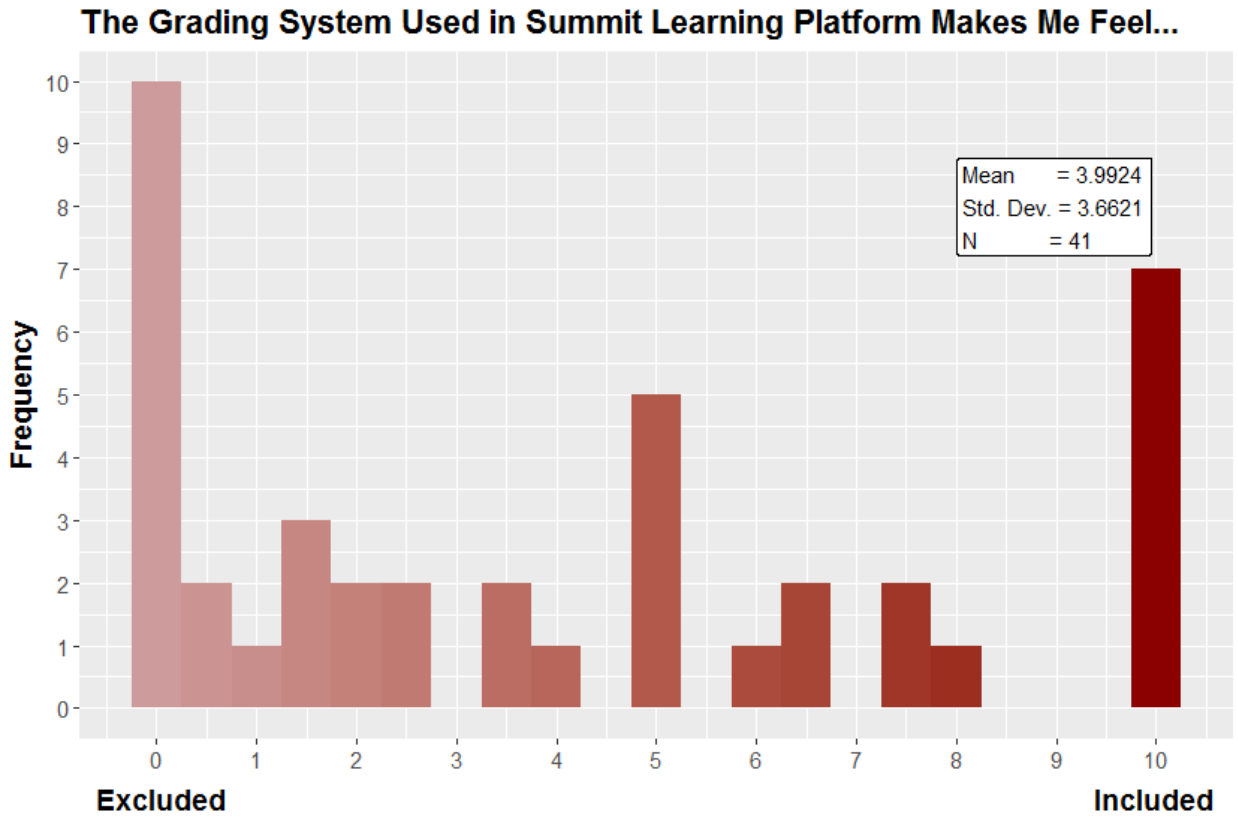

The Grading System Used in Summit Learning Platform is...
Mean = 4.1298
Std. Dev. = 3.3457
N = 41
Frequency
0
2
4
6
8
10
0 1 2 3 4 5 6 7 8 9 10
Tiring
Energizing

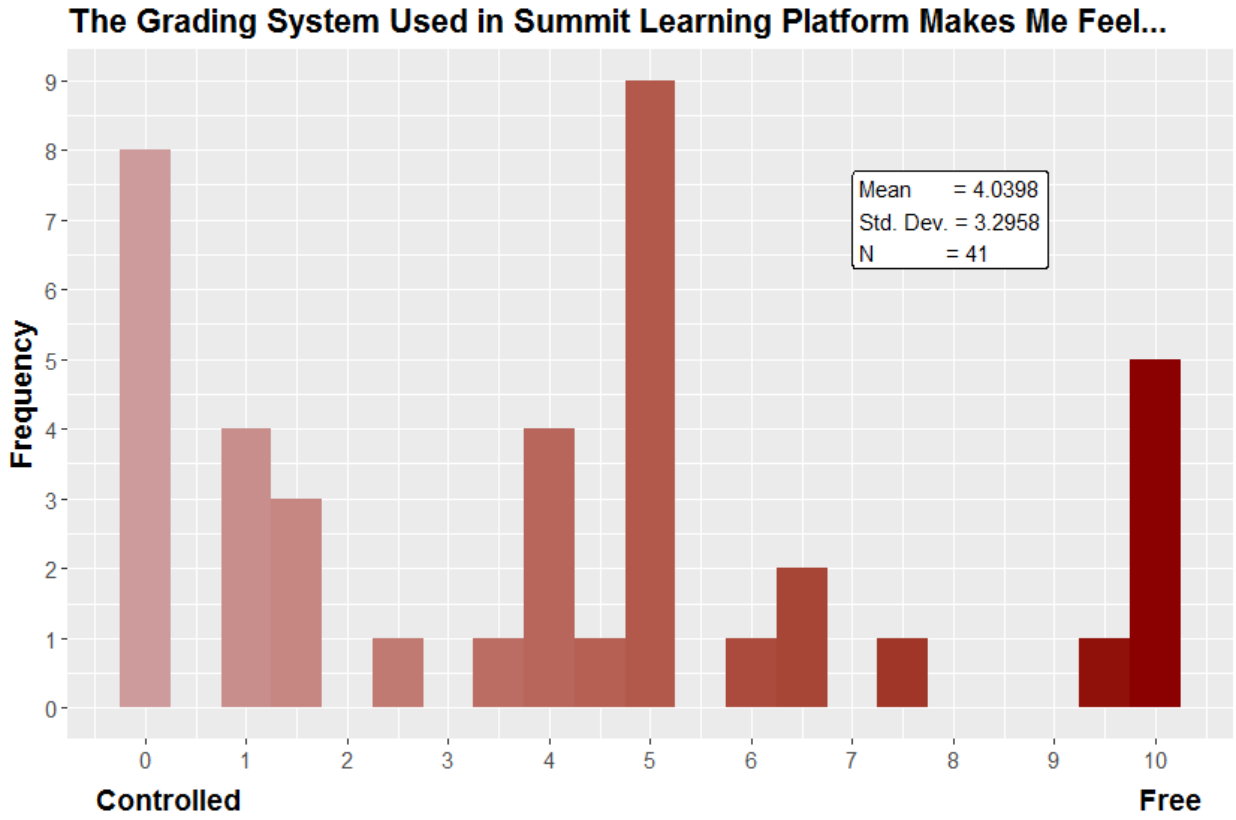

The Grading System Used in Summit Learning Platform Makes Me Feel...
Mean = 6.3793
Std. Dev. = 3.4584
N = 41
Frequency
0
1
2
3
4
5
6
7
8
9
0 1 2 3 4 5 6 7 8 9 10
Calm
Panicked

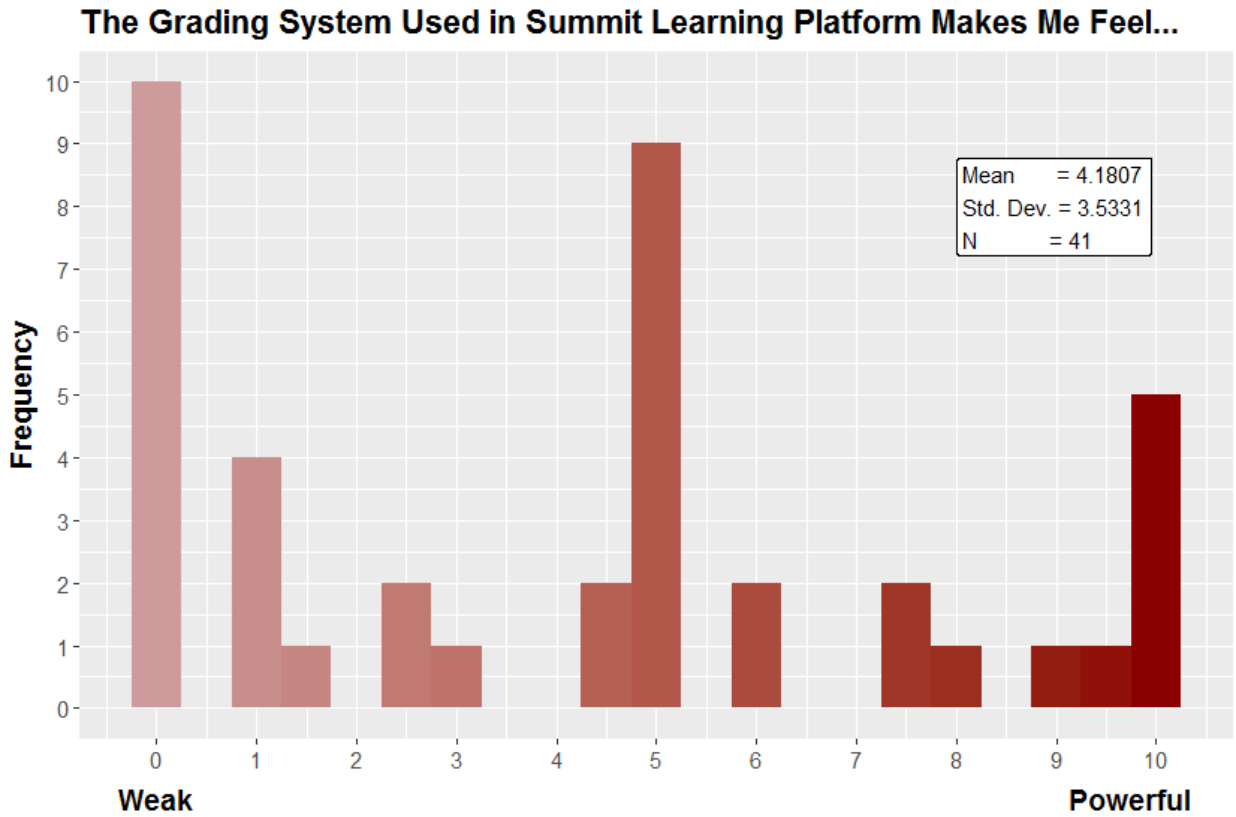

The Grading System Used in Summit Learning Platform Makes Me Feel...
Mean = 3.9376
Std. Dev. = 3.5629
N = 41
Frequency
Out-of-control
In-control

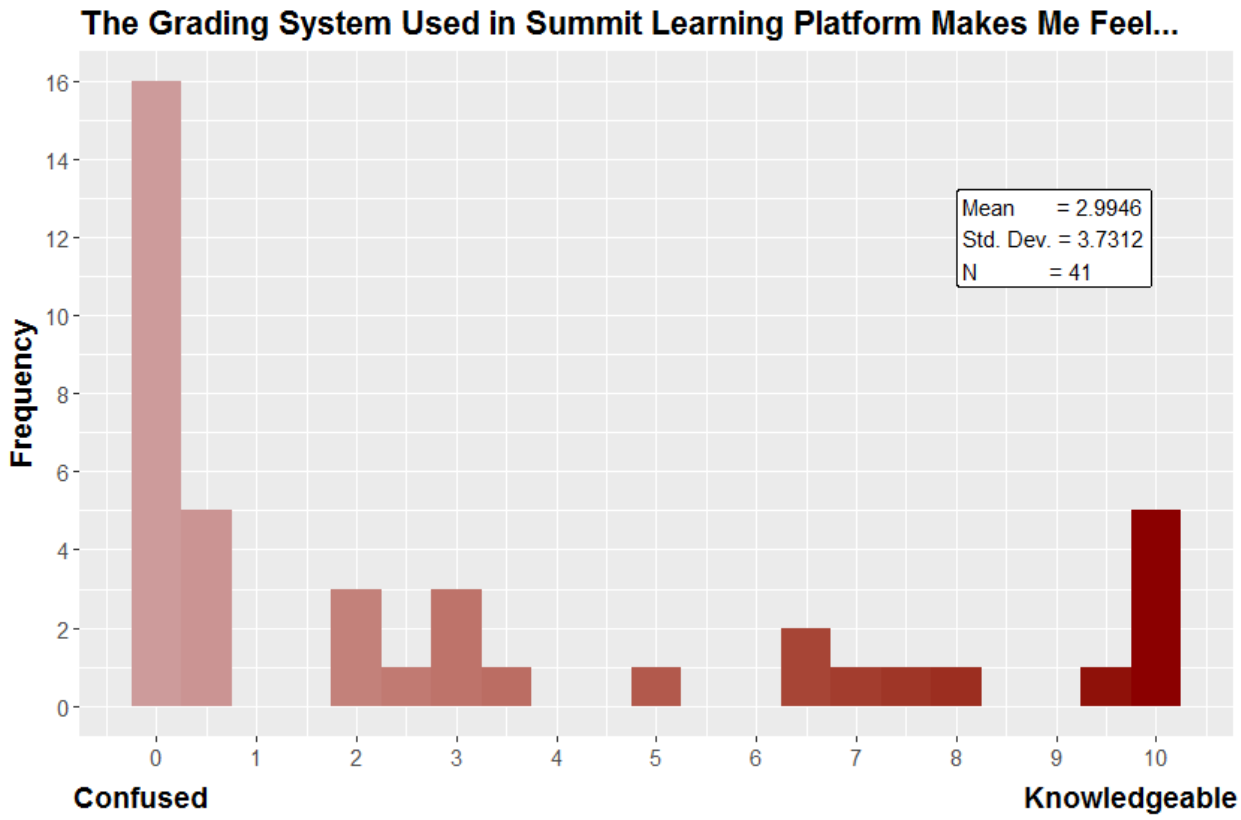

The Grading System Used in Summit Learning Platform Makes Me Feel...
Mean = 3.6154
Std. Dev. = 3.6098
N = 41
Frequency
Not in charge
In-charge


The Grading System Used in Summit Learning Platform Makes Me Feel...
Mean = 3.5654
Std. Dev. = 3.6073
N = 41
Frequency
0
2
4
6
8
10
12
0 1 2 3 4 5 6 7 8 9 10
Ignored
Important


The Grading System Used in Summit Learning Platform Makes Me Feel...
Mean = 3.9924
Std. Dev. = 3.6621
N = 41
Frequency
0
1
2
3
4
5
6
7
8
9
10
0 1 2 3 4 5 6 7 8 9 10
Excluded
Included


The Grading System Used in Summit Learning Platform Makes Me Feel...
Mean = 4.0398
Std. Dev. = 3.2958
N = 41
Frequency
0 1 2 3 4 5 6 7 8 9
0 1 2 3 4 5 6 7 8 9 10
Controlled
Free


The Grading System Used in Summit Learning Platform Makes Me Feel...
Mean = 4.1807
Std. Dev. = 3.5331
N = 41
Frequency
0 1 2 3 4 5 6 7 8 9 10
0 1 2 3 4 5 6 7 8 9 10
Weak
Powerful

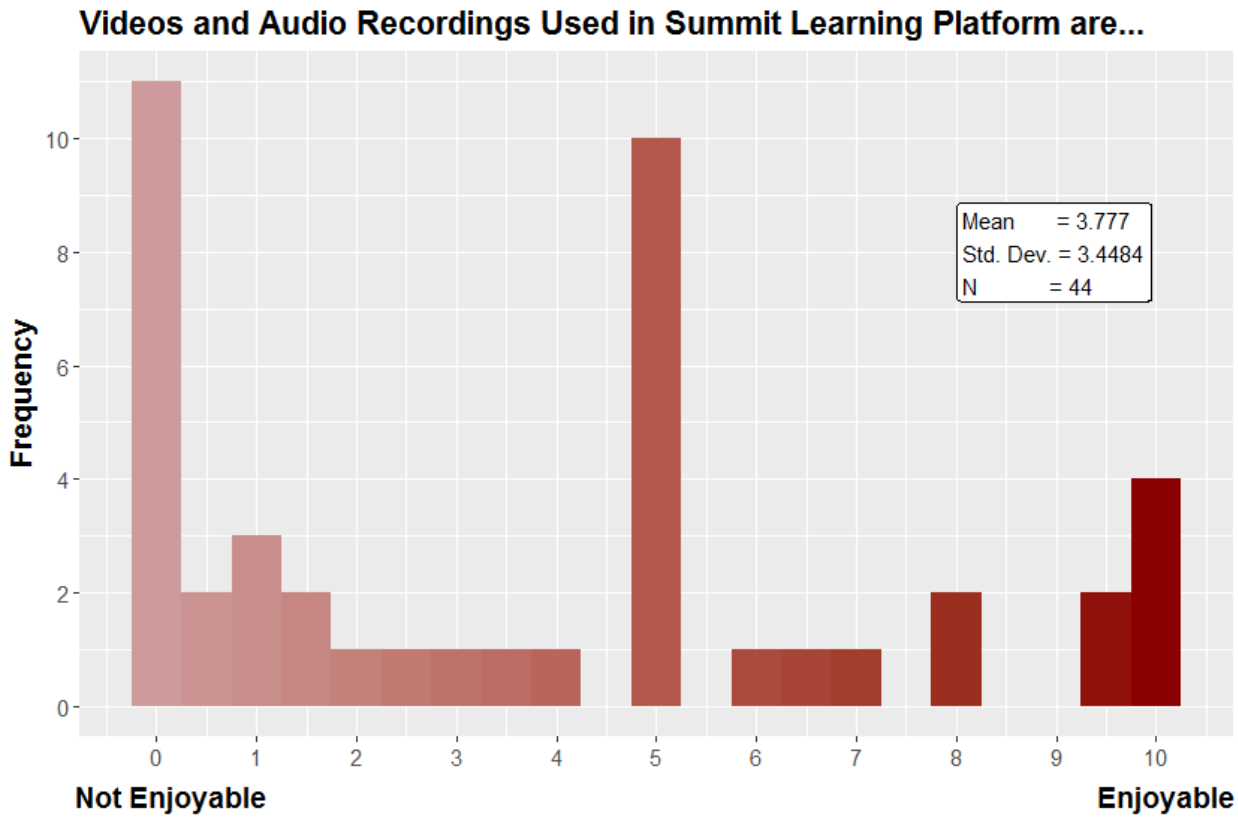

The Grading System Used in Summit Learning Platform Makes Me Feel...
Mean = 2.9946
Std. Dev. = 3.7312
N = 41
Frequency
0
2
4
6
8
10
12
14
16
0
1
2
3
4
5
6
7
8
9
10
Confused
Knowledgeable

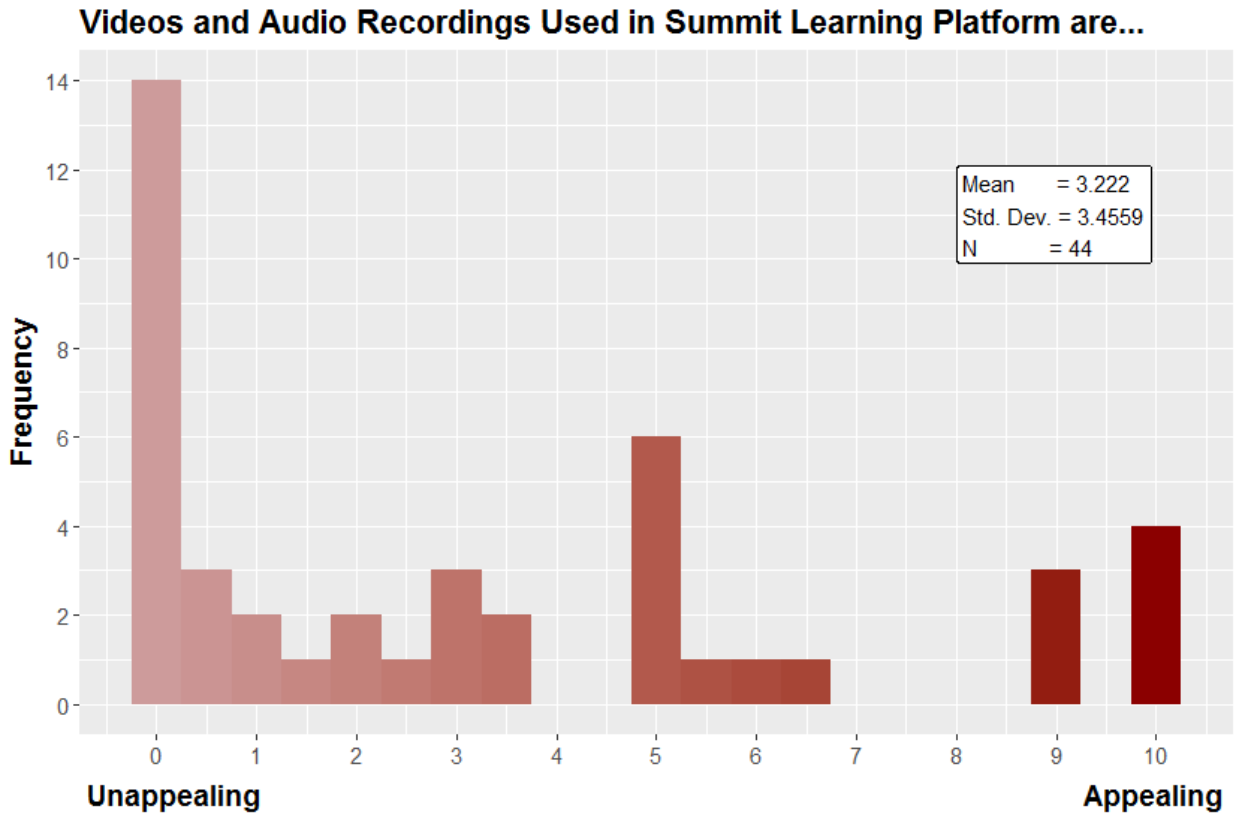
Perceptions of SLP Videos and Audio Recordings

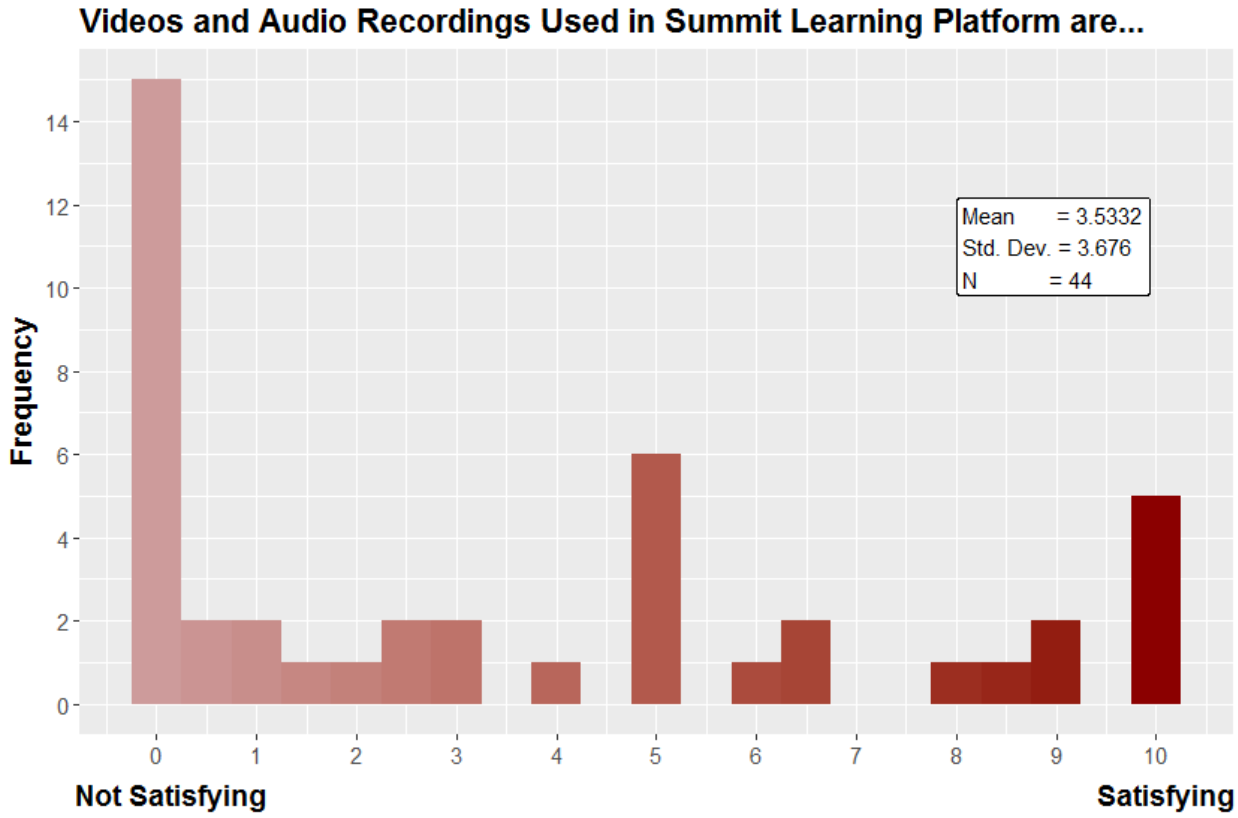
Table 8

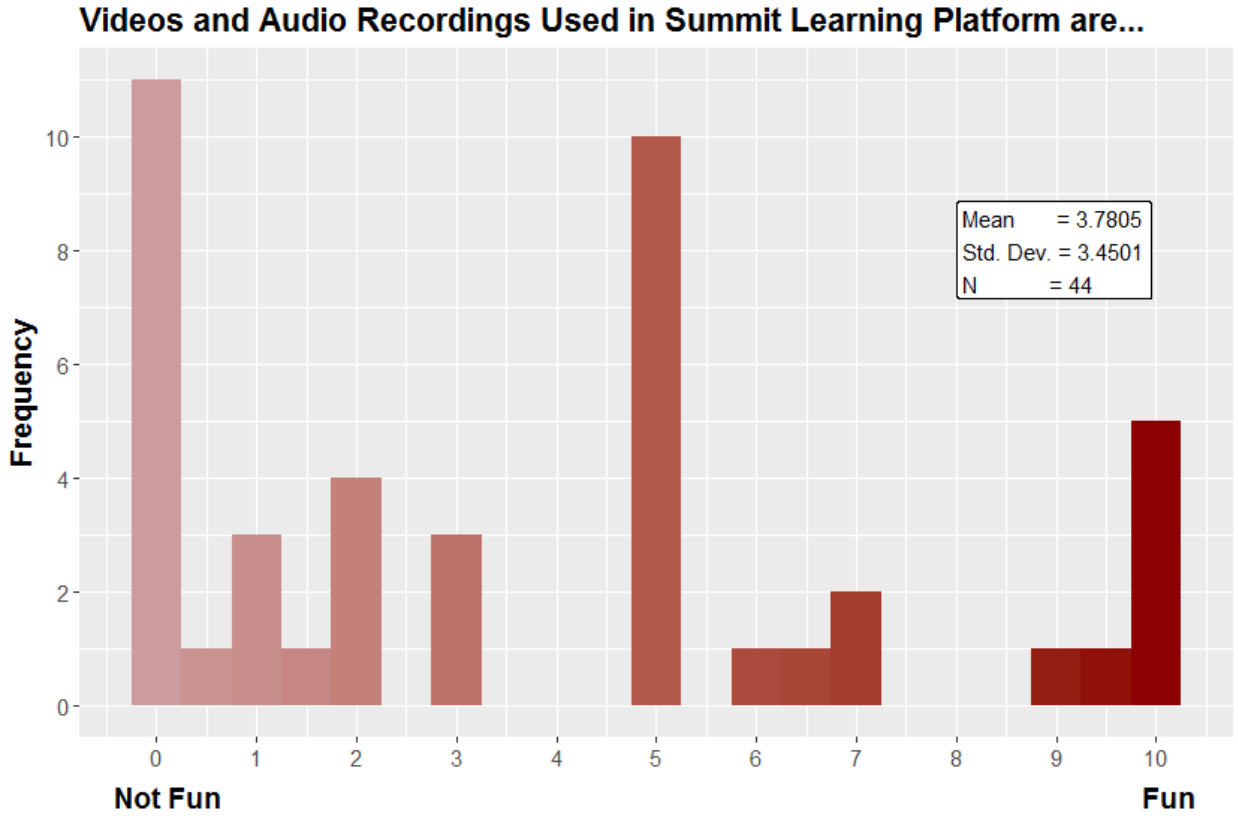
Summary of "Video/Audio" for Parents/Guardians

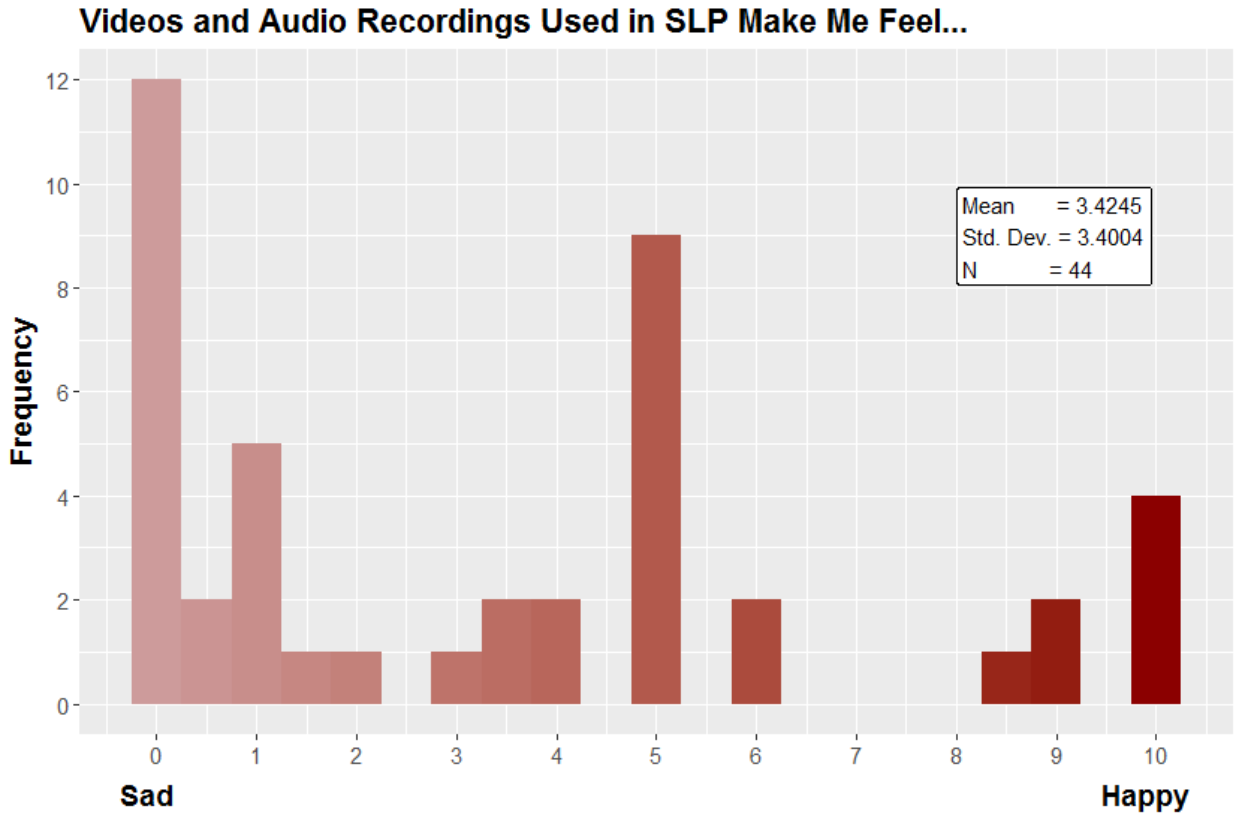
Domain	Semantic Differential	n	Mean	Median	Variance	Standard Deviation	α
Pleasure		44					.988
	Enjoyment		3.7770	3.7550	11.891	3.44836	
	Appealing		3.2220	2.2600	11.943	3.45587	
	Satisfying		3.5332	2.4350	13.513	3.67602	
	Fun		3.7805	2.8400	11.903	3.45010	
	Happy		3.4245	3.1600	11.563	3.40043	
	Pleasing		3.2902	2.2450	12.733	3.56840	
	Not Frustrating		3.4239	1.9950	14.045	3.74763	
	Appropriate		3.1107	1.6050	12.822	3.58082	
Arousal		44					.983
	Stressful		6.2102	6.0550	12.465	3.53058	
	Exciting		3.8836	3.0500	10.768	3.28147	
	Thrilling		3.7609	2.9000	10.361	3.21891	
	Wide-Awake		3.5705	3.1250	10.290	3.20775	
	Entertaining		3.6898	2.7850	12.151	3.48585	
	Interesting		3.9352	4.0750	11.203	3.34704	
	Energizing		3.5216	2.6850	12.218	3.49547	
	Panicked		6.1773	7.1000	11.017	3.31919	
Dominance		44					.981
	In Control		3.3623	2.1250	11.260	3.35552	
	In Charge		3.1984	1.8050	11.799	3.43497	
	Important		3.4036	2.2950	11.788	3.43334	
	Included		3.4211	2.6050	11.563	3.40048	
	Free		3.7361	3.23235	10.448	3.23235	
	Powerful		3.3048	2.1600	11.162	3.34089	
	Knowledgeable		3.5023	2.3000	13.001	3.60568	

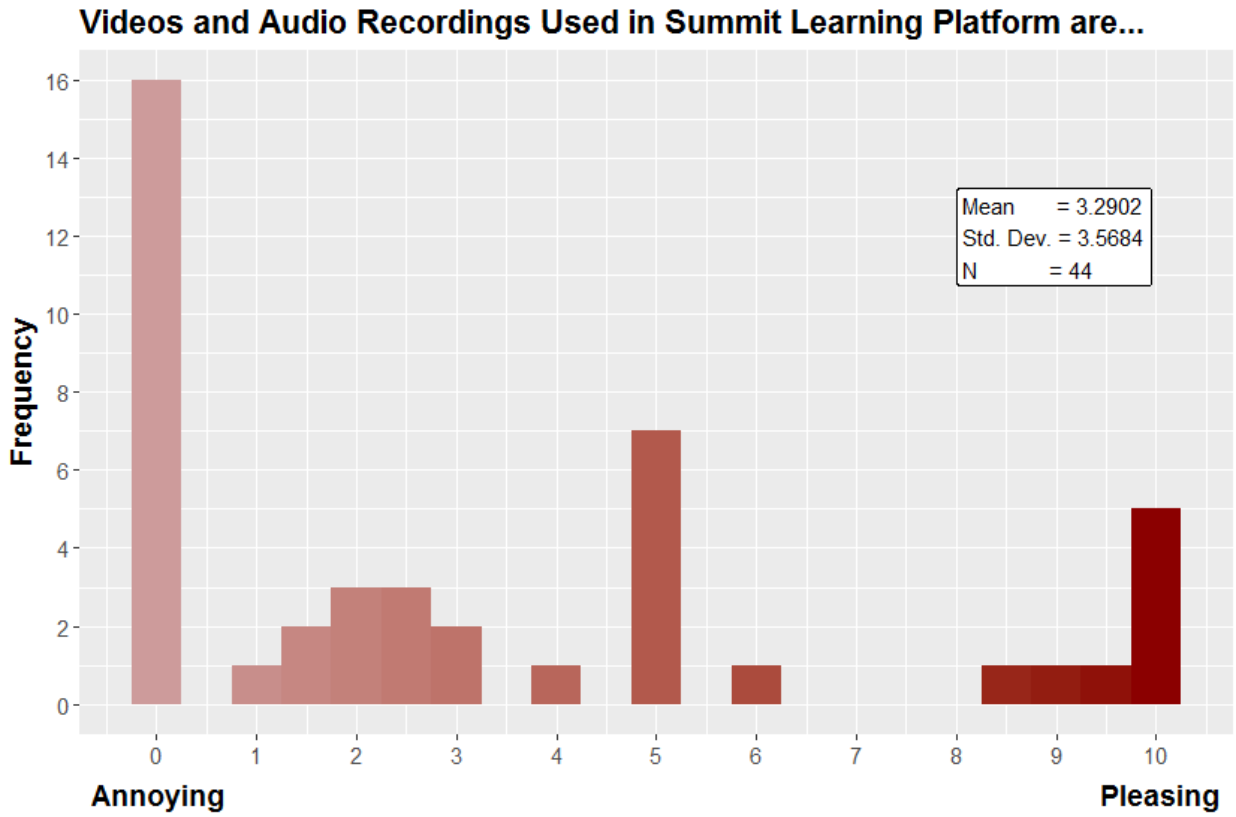

Videos and Audio Recordings Used in Summit Learning Platform are...
Mean = 3.777
Std. Dev. = 3.4484
N = 44
Frequency
0
2
4
6
8
10
0 1 2 3 4 5 6 7 8 9 10
Not Enjoyable
Enjoyable

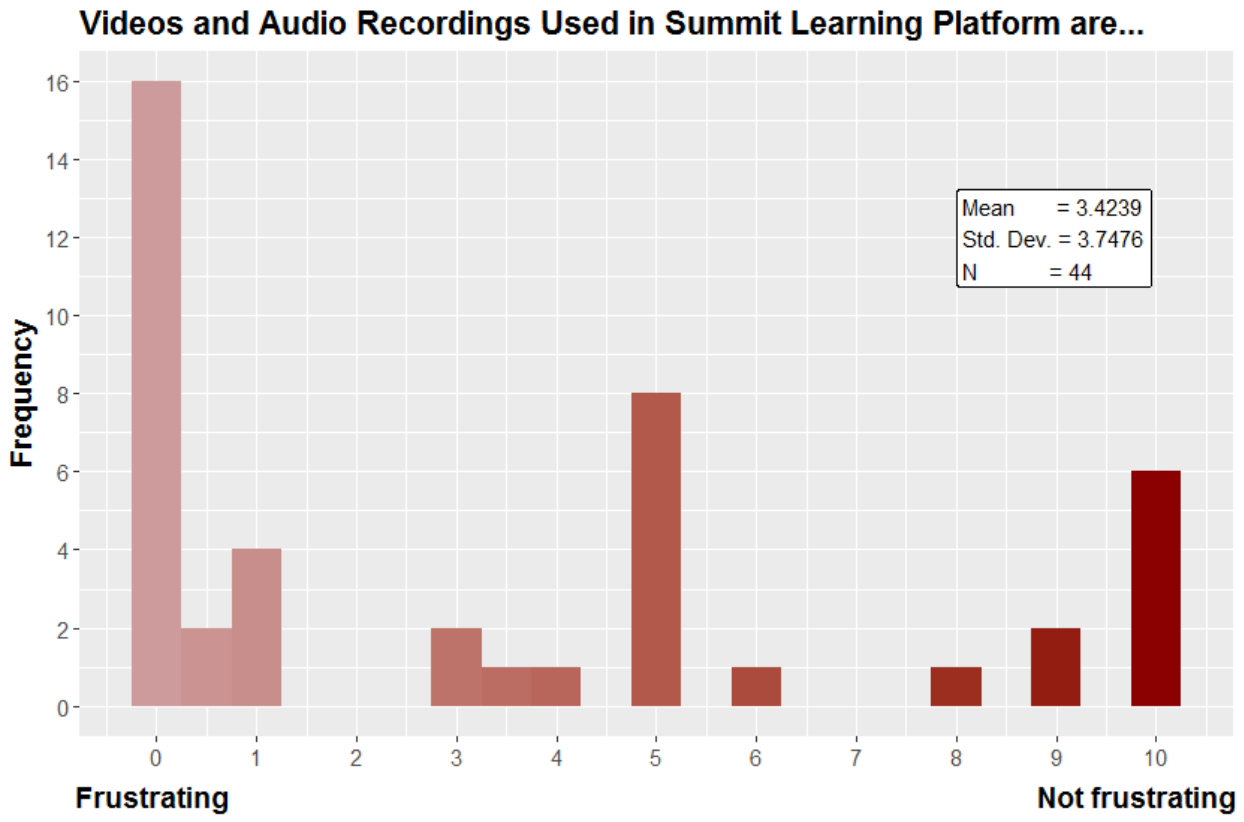

Videos and Audio Recordings Used in Summit Learning Platform are...
Mean = 3.222
Std. Dev. = 3.4559
N = 44
Frequency
0
2
4
6
8
10
12
14
0 1 2 3 4 5 6 7 8 9 10
Unappealing
Appealing

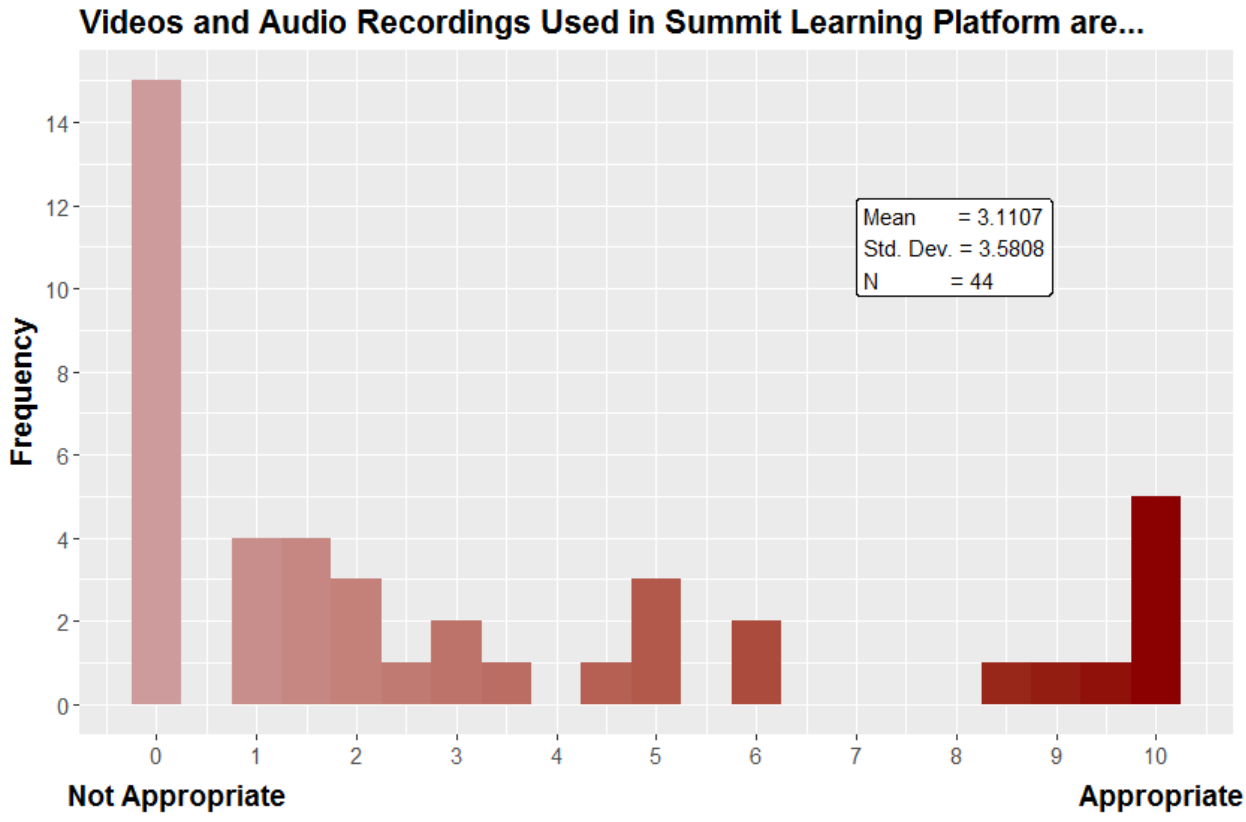

Videos and Audio Recordings Used in Summit Learning Platform are...
Mean = 3.5332
Std. Dev. = 3.676
N = 44
Frequency
0
2
4
6
8
10
12
14
0 1 2 3 4 5 6 7 8 9 10
Not Satisfying
Satisfying

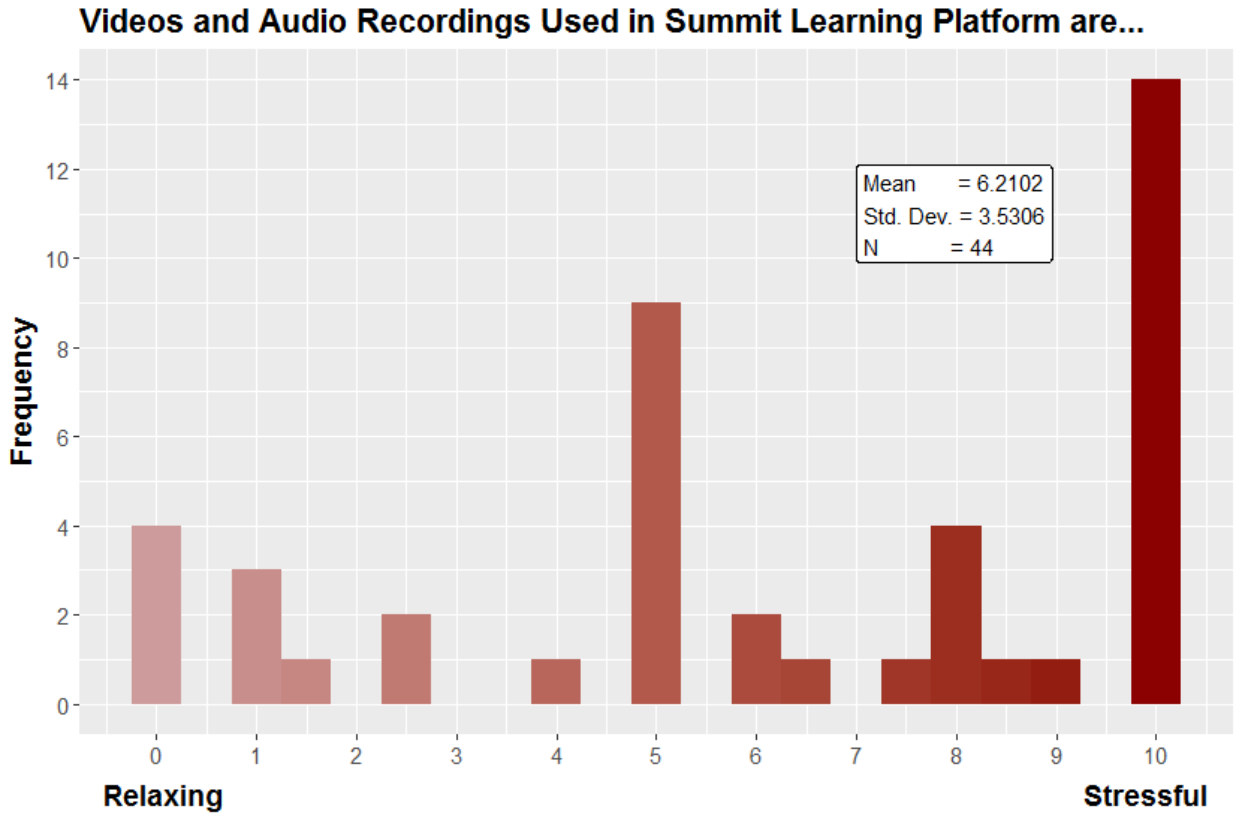

Videos and Audio Recordings Used in Summit Learning Platform are...
Mean = 3.7805
Std. Dev. = 3.4501
N = 44
Frequency
0
2
4
6
8
10
0 1 2 3 4 5 6 7 8 9 10
Not Fun
Fun

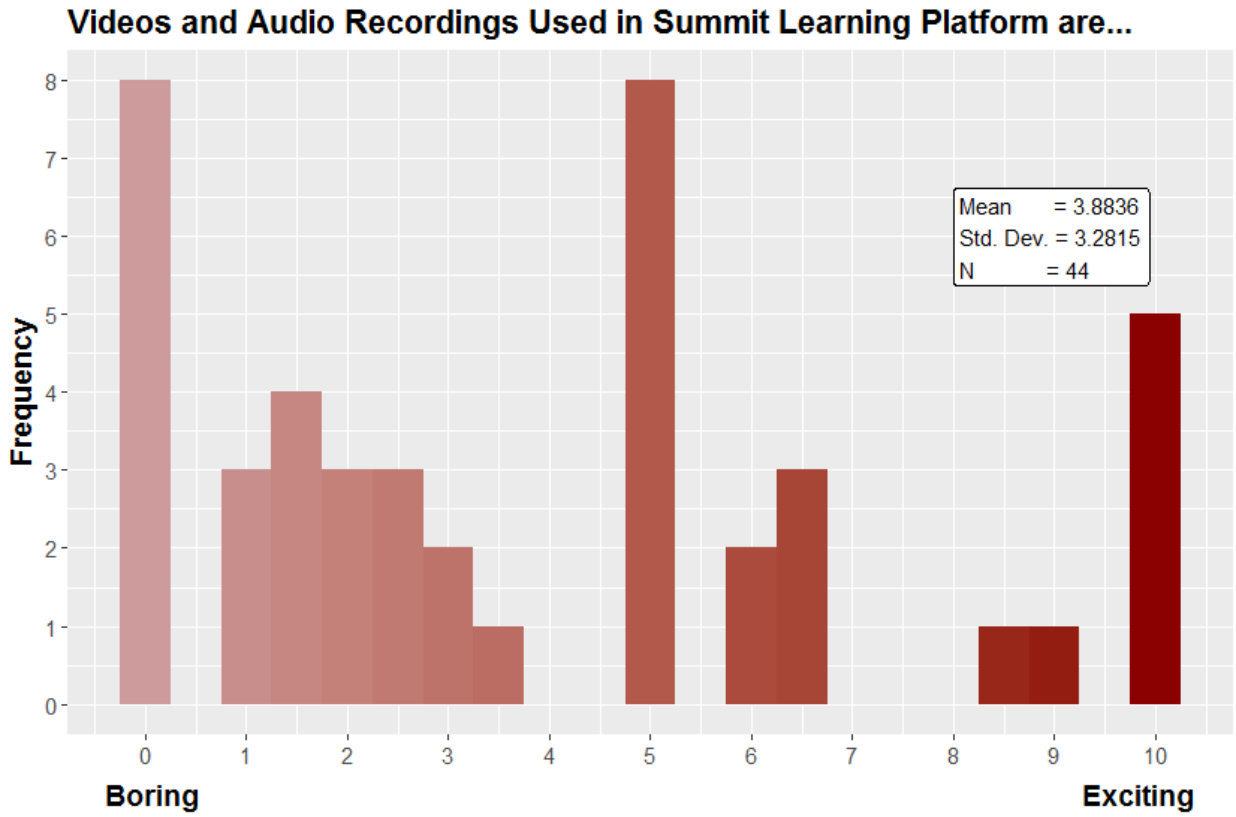

Videos and Audio Recordings Used in SLP Make Me Feel...
Frequency
Mean = 3.4245
Std. Dev. = 3.4004
N = 44
Sad
Happy

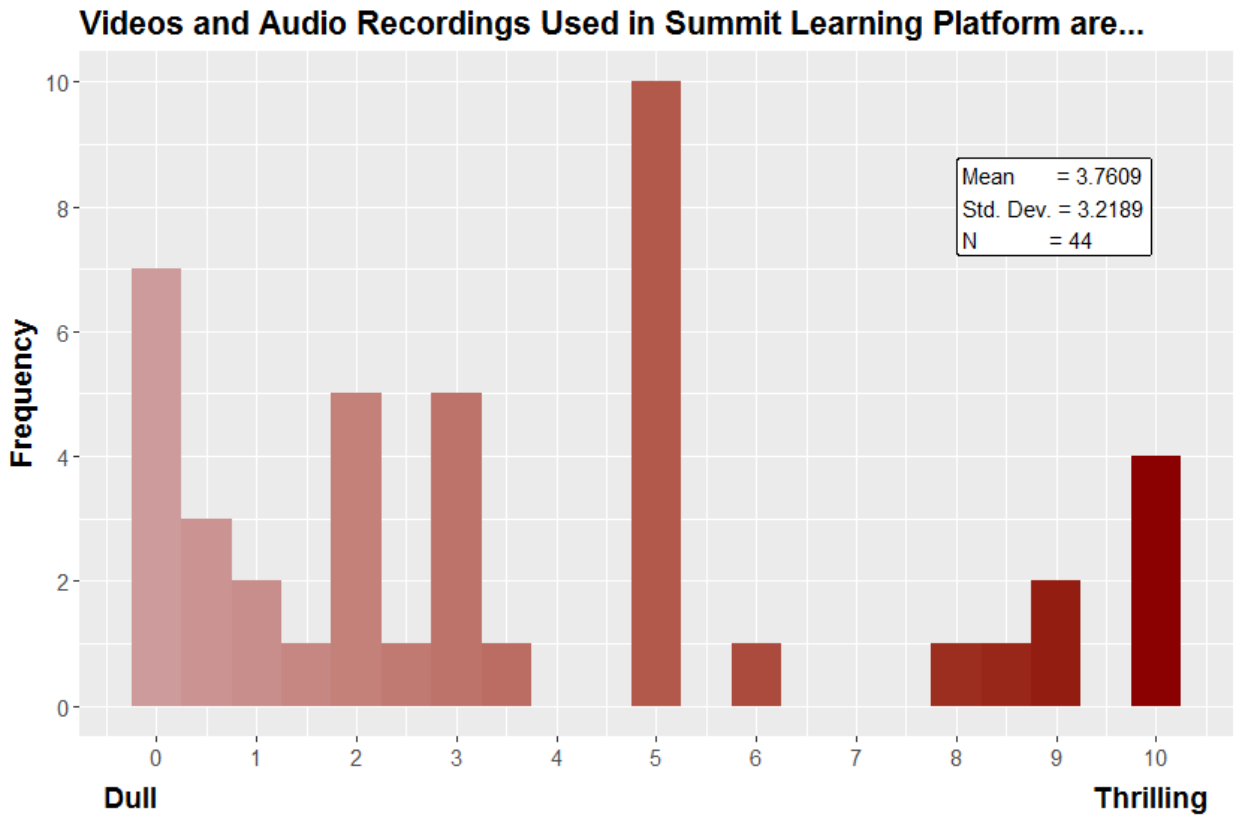

Videos and Audio Recordings Used in Summit Learning Platform are...
Frequency
Mean = 3.2902
Std. Dev. = 3.5684
N = 44
Annoying
Pleasing

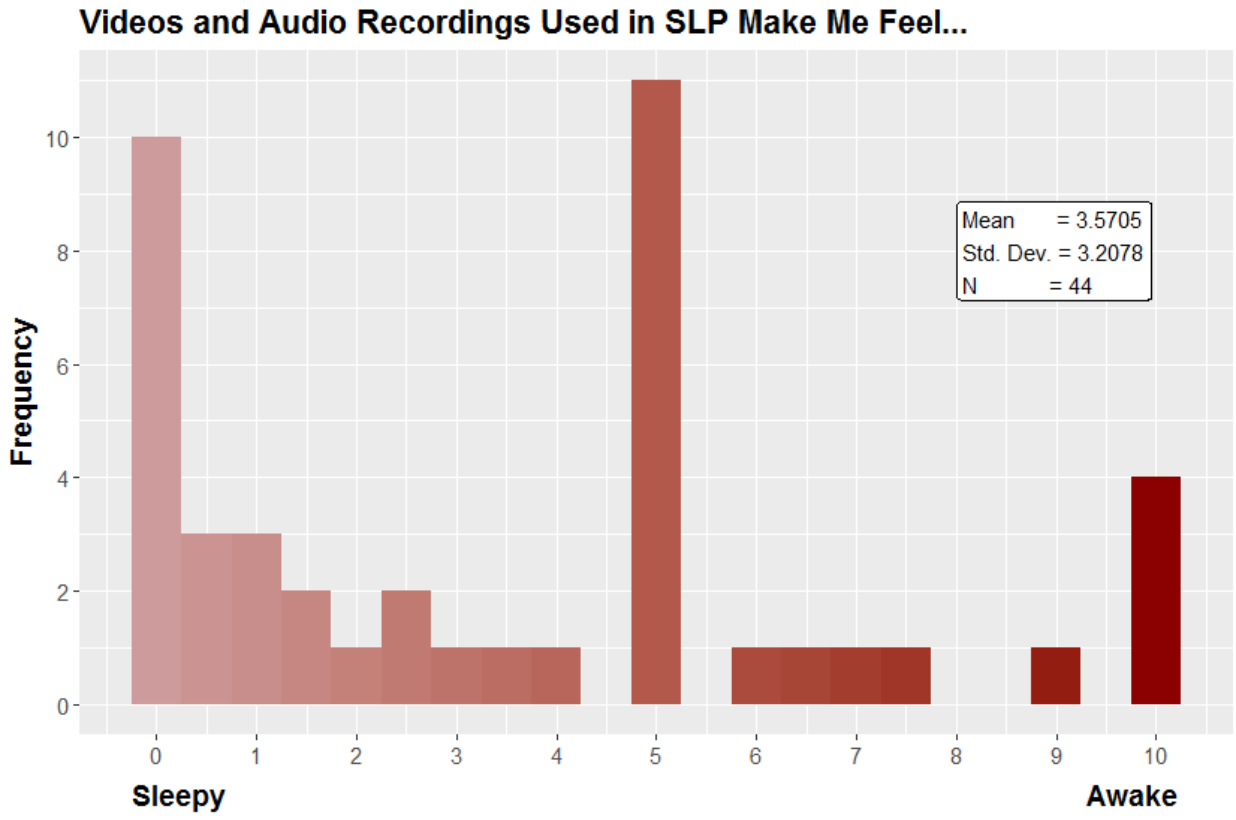

Videos and Audio Recordings Used in Summit Learning Platform are...
Mean = 3.4239
Std. Dev. = 3.7476
N = 44
Frequency
0
2
4
6
8
10
12
14
16
0
1
2
3
4
5
6
7
8
9
10
Frustrating
Not frustrating

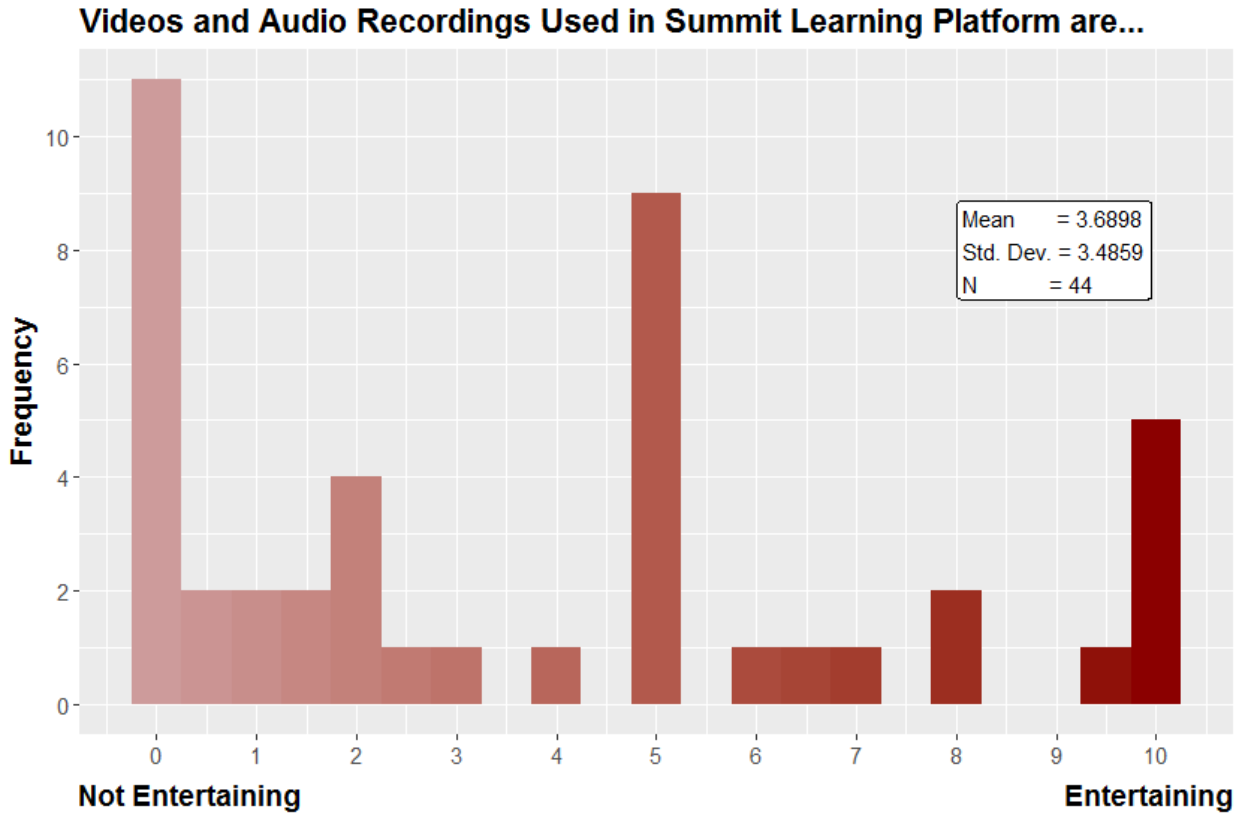

Videos and Audio Recordings Used in Summit Learning Platform are...
Mean = 3.1107
Std. Dev. = 3.5808
N = 44
Frequency
0
2
4
6
8
10
12
14
0
1
2
3
4
5
6
7
8
9
10
Not Appropriate
Appropriate

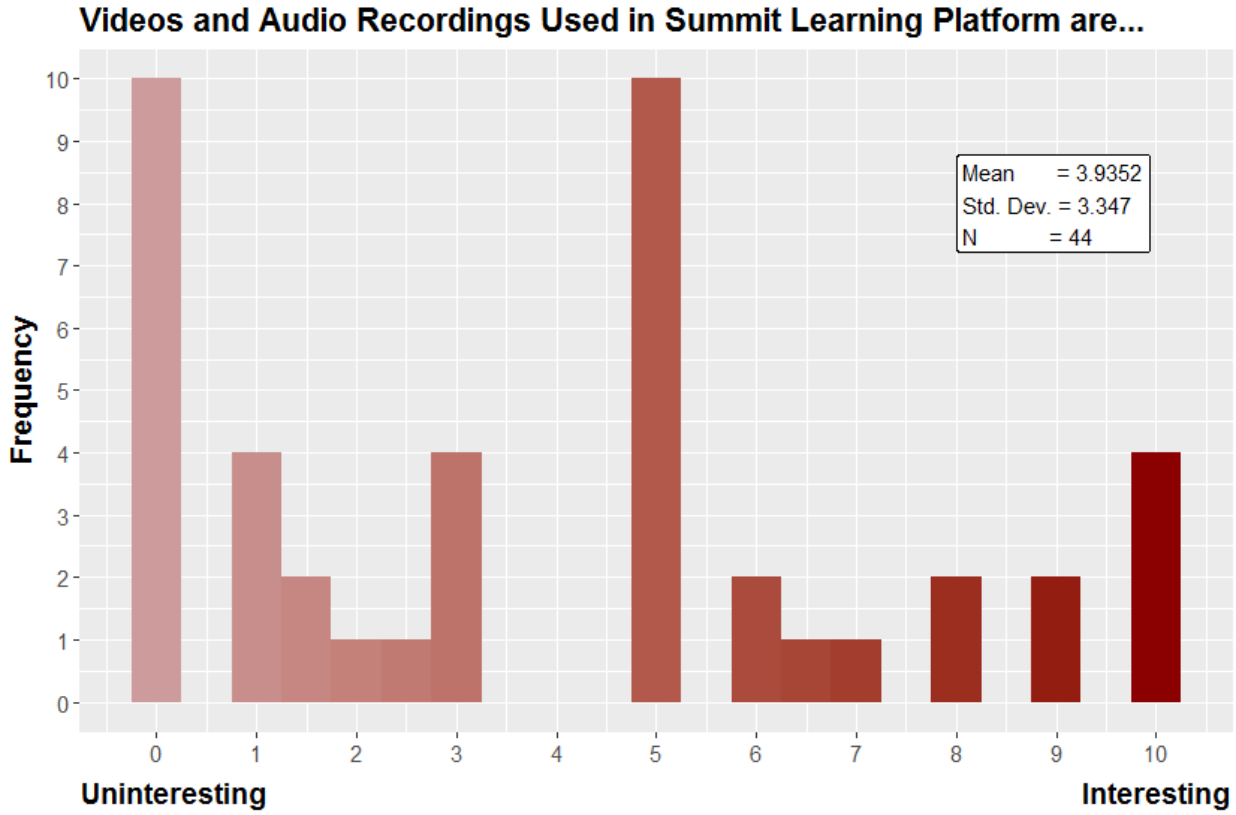

Videos and Audio Recordings Used in Summit Learning Platform are...
Mean = 6.2102
Std. Dev. = 3.5306
N = 44
Frequency
0
2
4
6
8
10
12
14
0
1
2
3
4
5
6
7
8
9
10
Relaxing
Stressful

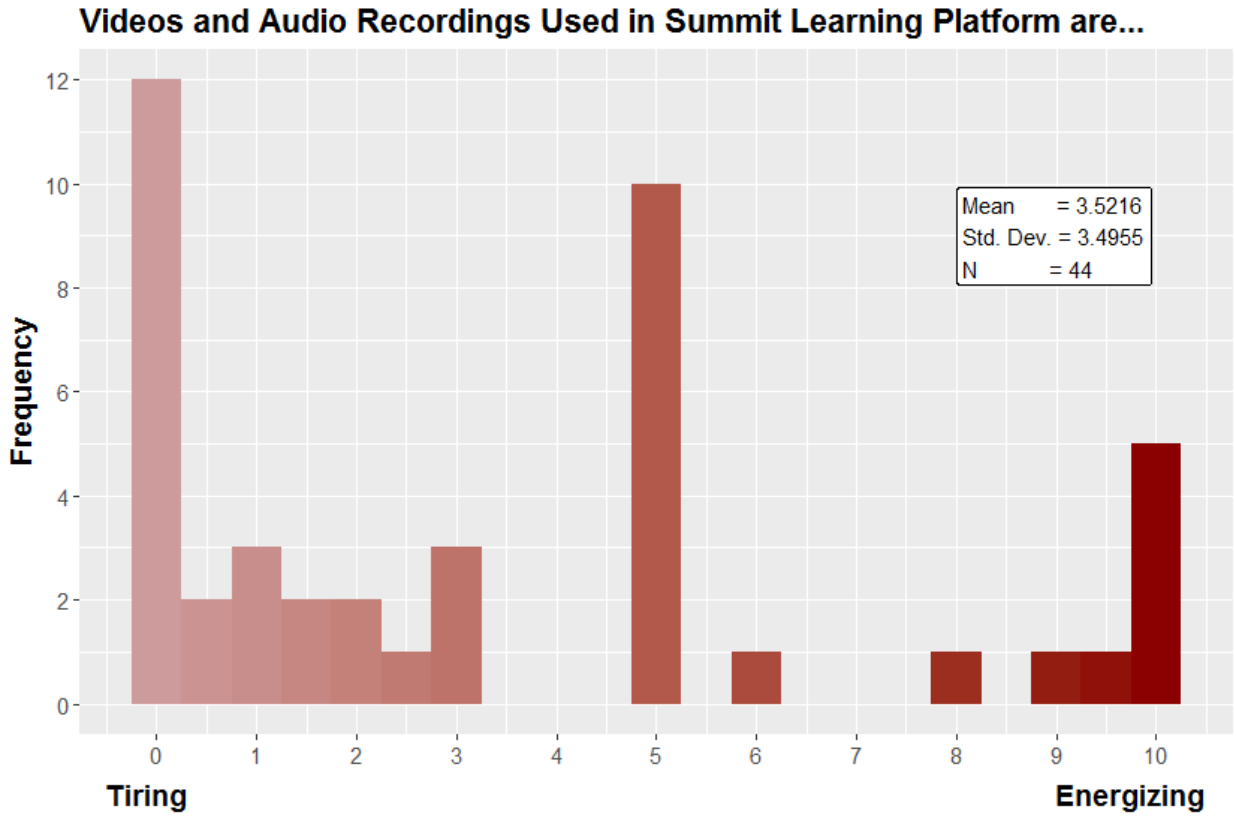

Videos and Audio Recordings Used in Summit Learning Platform are...
Mean = 3.8836
Std. Dev. = 3.2815
N = 44
Frequency
0
1
2
3
4
5
6
7
8
0
1
2
3
4
5
6
7
8
9
10
Boring
Exciting

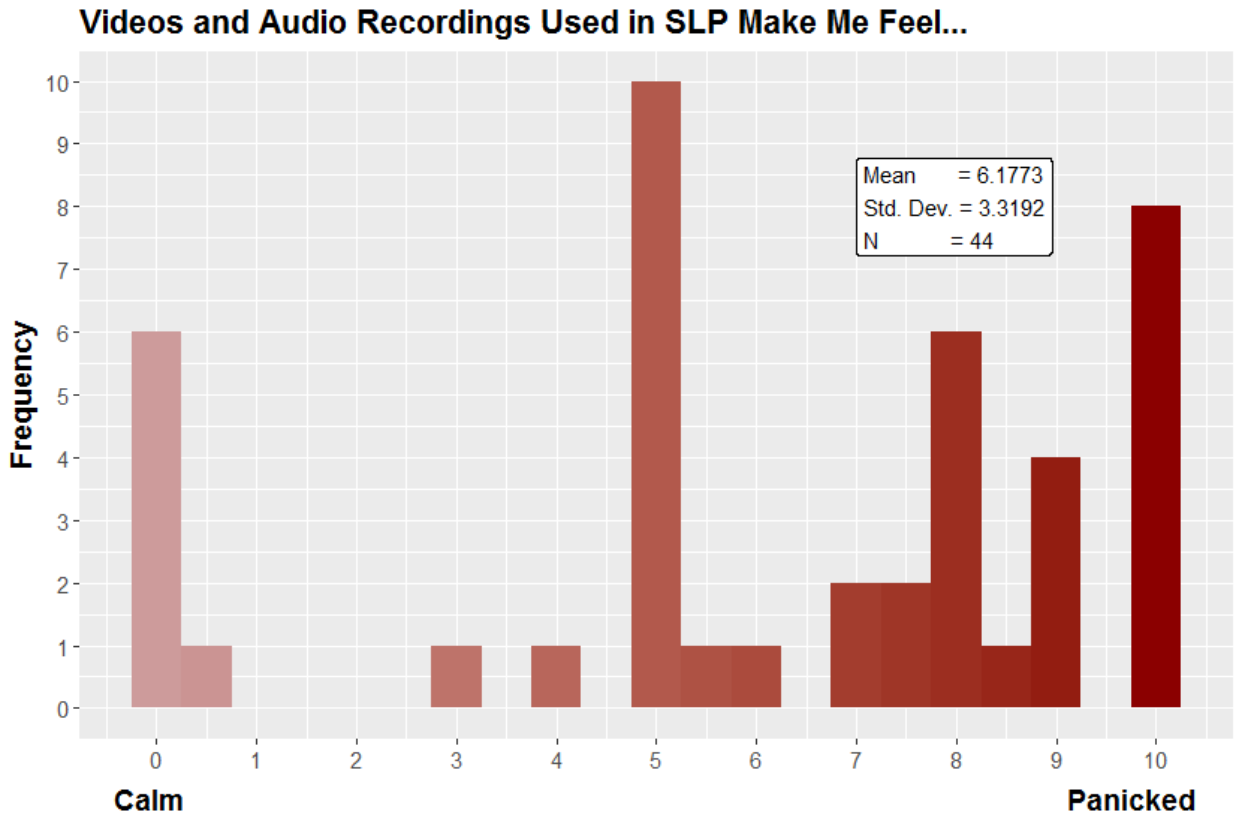

Videos and Audio Recordings Used in Summit Learning Platform are...
Mean = 3.7609
Std. Dev. = 3.2189
N = 44
Frequency
0
2
4
6
8
10
0 1 2 3 4 5 6 7 8 9 10
Dull
Thrilling

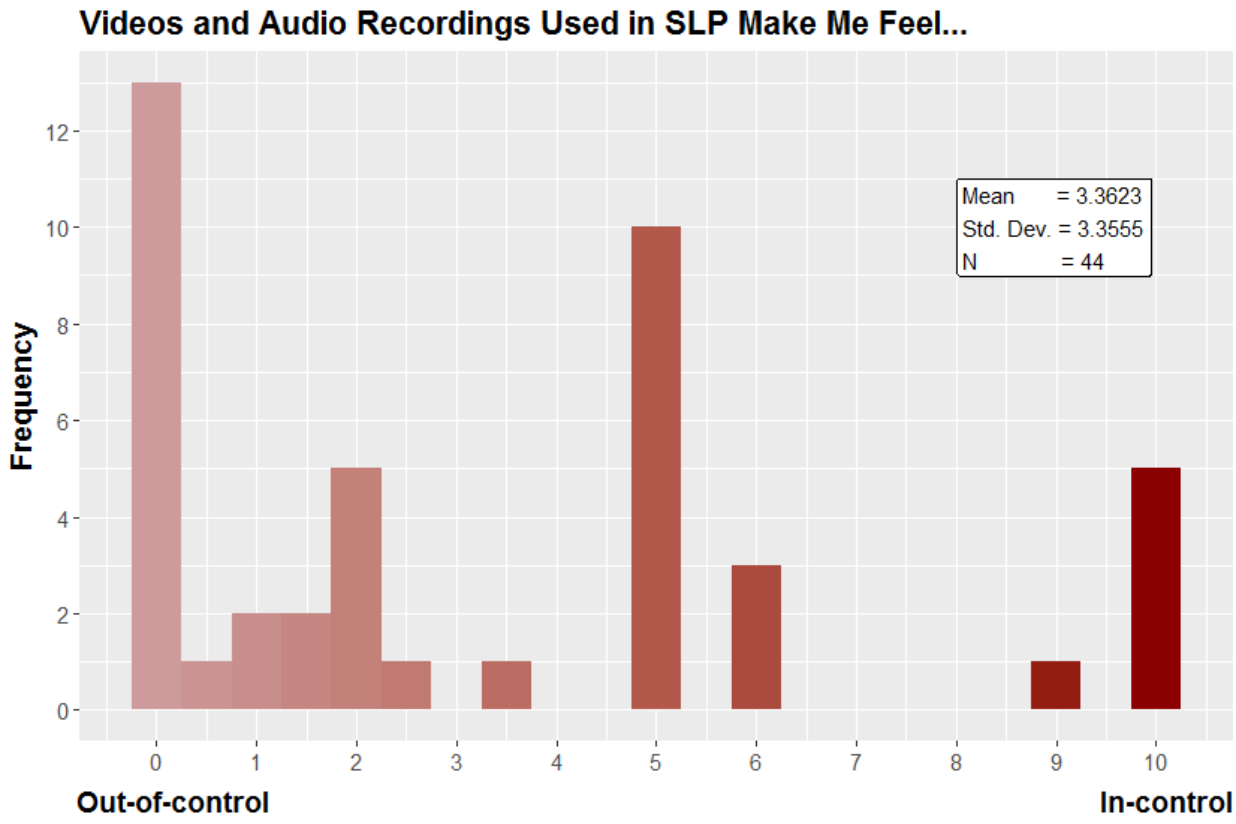

Videos and Audio Recordings Used in SLP Make Me Feel...
Mean = 3.5705
Std. Dev. = 3.2078
N = 44
Frequency
0
2
4
6
8
10
0 1 2 3 4 5 6 7 8 9 10
Sleepy
Awake

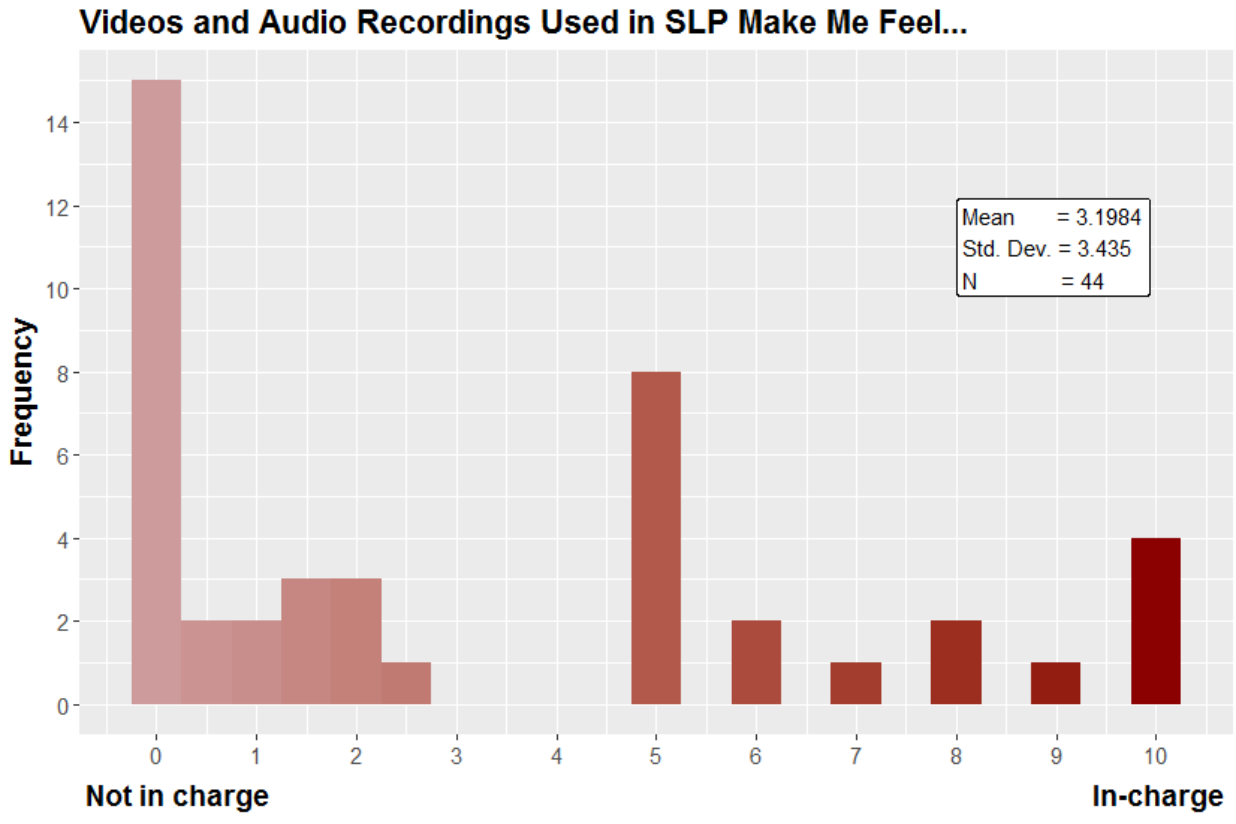

Videos and Audio Recordings Used in Summit Learning Platform are...
Mean = 3.6898
Std. Dev. = 3.4859
N = 44
Frequency
0
2
4
6
8
10
0 1 2 3 4 5 6 7 8 9 10
Not Entertaining
Entertaining

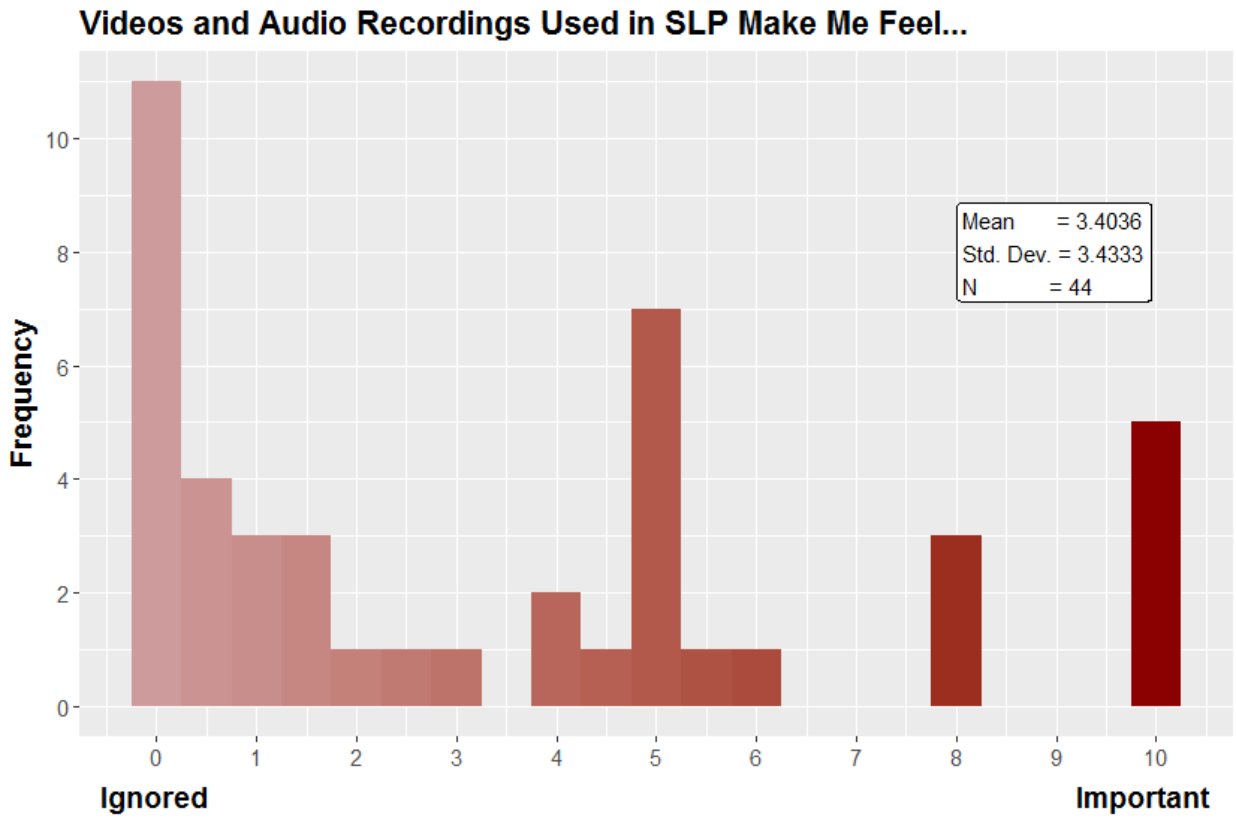

Videos and Audio Recordings Used in Summit Learning Platform are...
Mean = 3.9352
Std. Dev. = 3.347
N = 44
Frequency
0
1
2
3
4
5
6
7
8
9
10
0 1 2 3 4 5 6 7 8 9 10
Uninteresting
Interesting

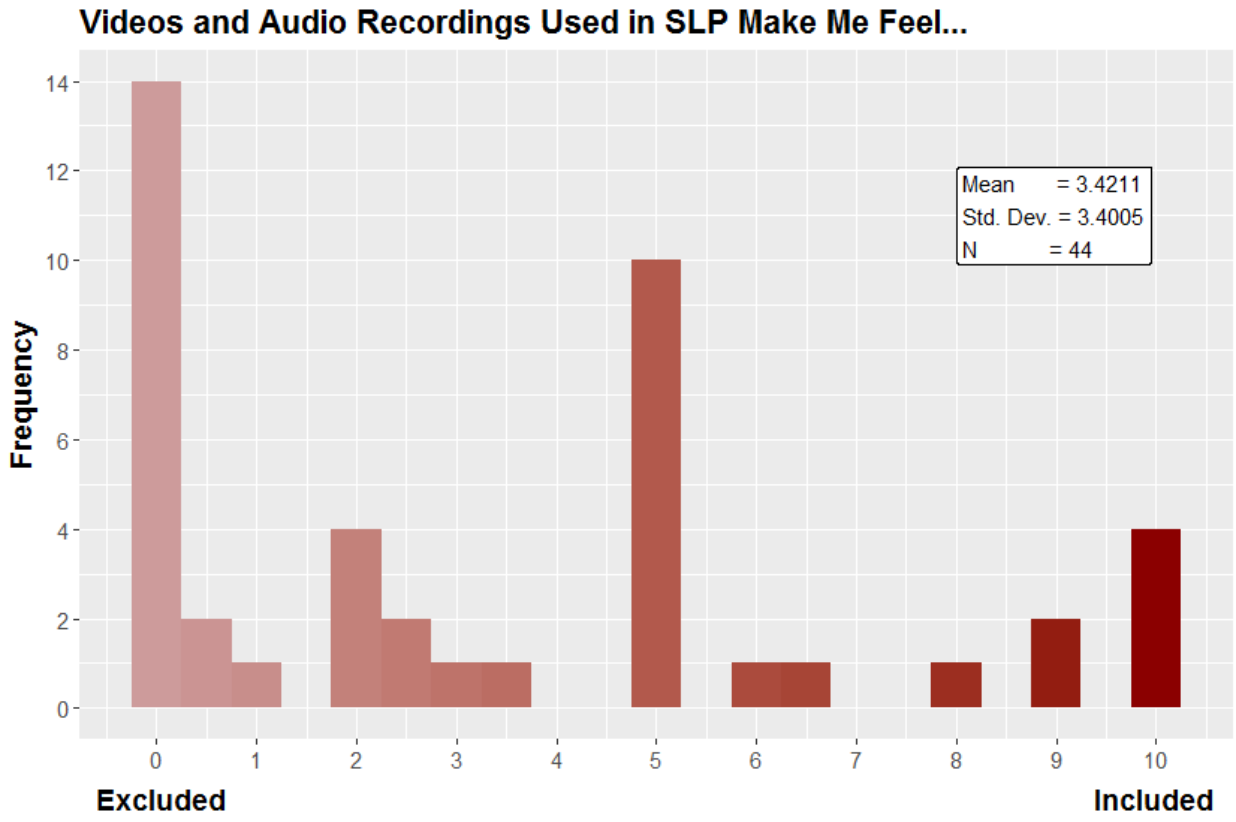

Videos and Audio Recordings Used in Summit Learning Platform are...
Mean = 3.5216
Std. Dev. = 3.4955
N = 44
Frequency
0
2
4
6
8
10
12
0
1
2
3
4
5
6
7
8
9
10
Tiring
Energizing

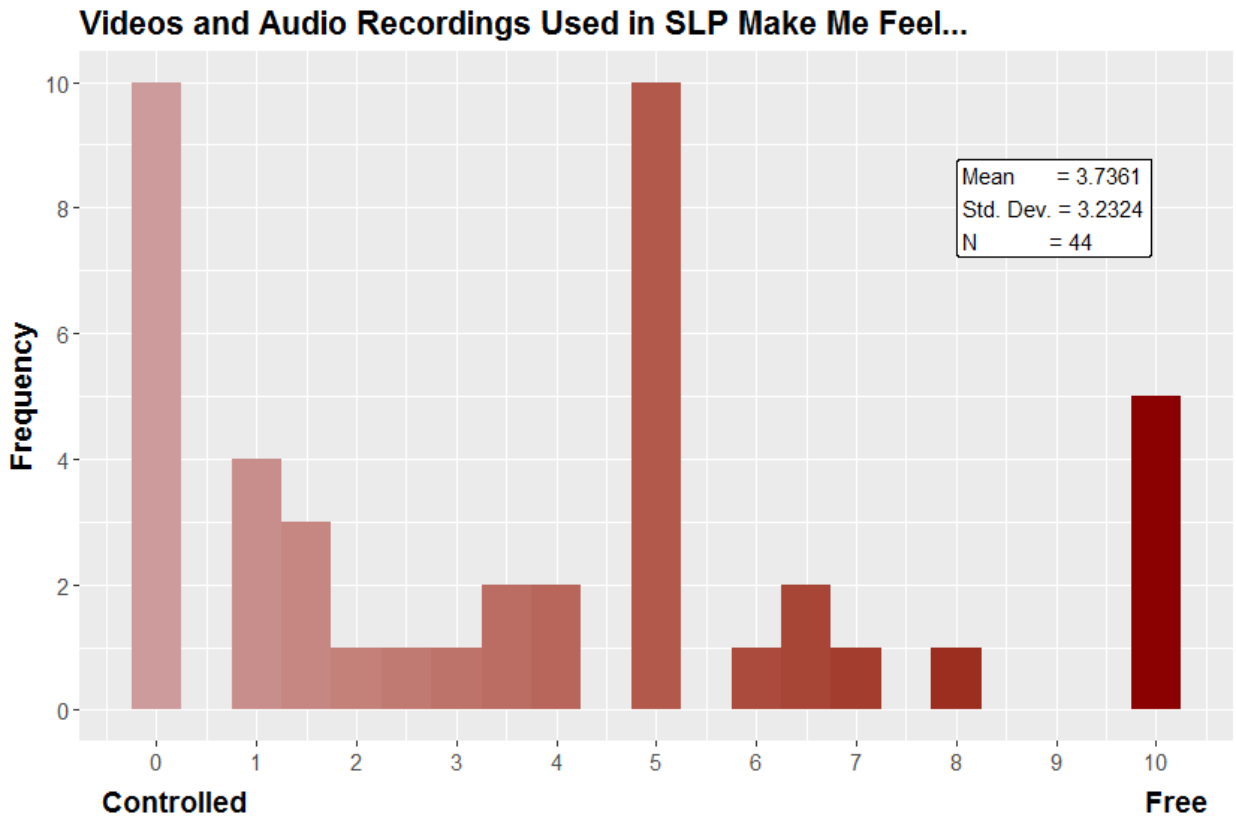

Videos and Audio Recordings Used in SLP Make Me Feel...
Mean = 6.1773
Std. Dev. = 3.3192
N = 44
Frequency
0
1
2
3
4
5
6
7
8
9
10
0
1
2
3
4
5
6
7
8
9
10
Calm
Panicked

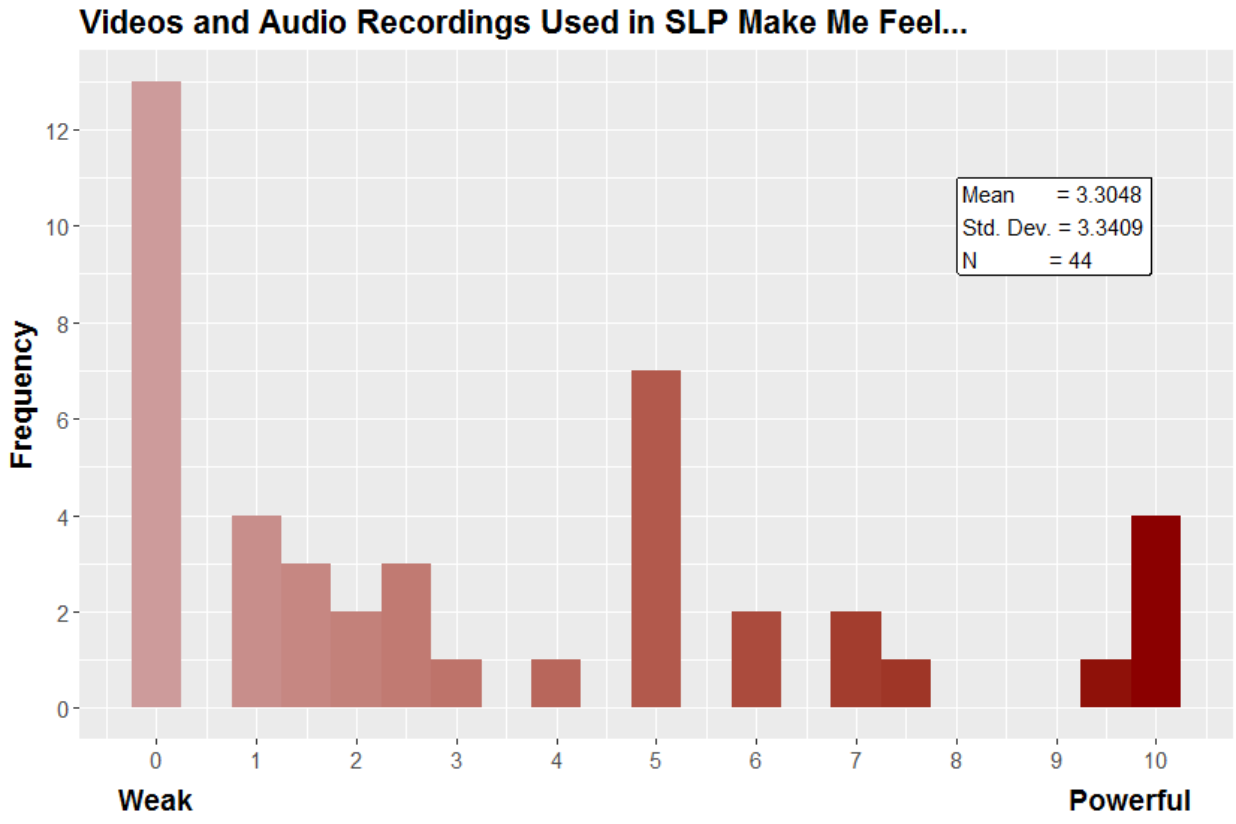

Videos and Audio Recordings Used in SLP Make Me Feel...
Mean = 3.3623
Std. Dev. = 3.3555
N = 44
Frequency
0
2
4
6
8
10
12
0
1
2
3
4
5
6
7
8
9
10
Out-of-control
In-control

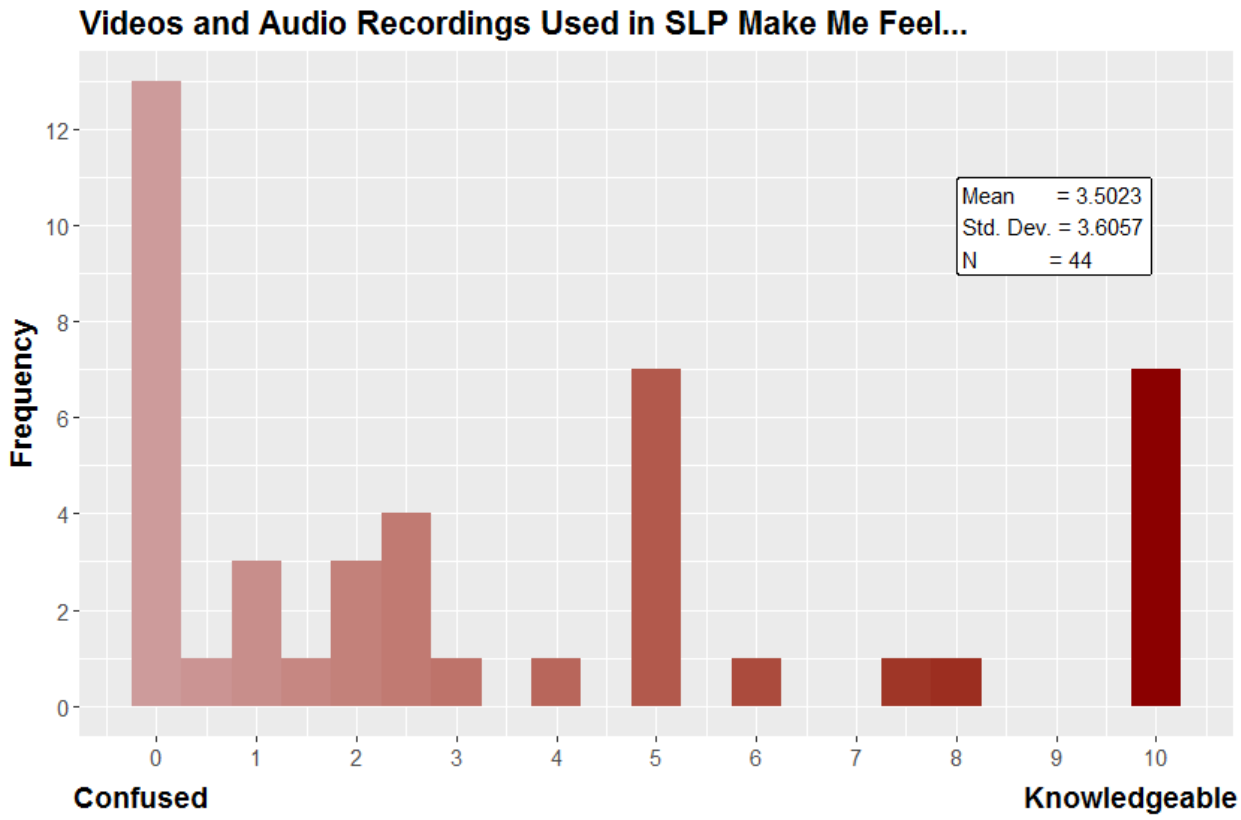

Videos and Audio Recordings Used in SLP Make Me Feel...
Mean = 3.1984
Std. Dev. = 3.435
N = 44
Frequency
0
2
4
6
8
10
12
14
0
1
2
3
4
5
6
7
8
9
10
Not in charge
In-charge


Videos and Audio Recordings Used in SLP Make Me Feel...
Mean = 3.4036
Std. Dev. = 3.4333
N = 44
Frequency
0
2
4
6
8
10
0 1 2 3 4 5 6 7 8 9 10
Ignored
Important


Videos and Audio Recordings Used in SLP Make Me Feel...
Mean = 3.4211
Std. Dev. = 3.4005
N = 44
Frequency
0
2
4
6
8
10
12
14
0 1 2 3 4 5 6 7 8 9 10
Excluded
Included


Videos and Audio Recordings Used in SLP Make Me Feel...
Mean = 3.7361
Std. Dev. = 3.2324
N = 44
Frequency
0
2
4
6
8
10
0 1 2 3 4 5 6 7 8 9 10
Controlled
Free


Videos and Audio Recordings Used in SLP Make Me Feel...
Mean = 3.3048
Std. Dev. = 3.3409
N = 44
Frequency
0
2
4
6
8
10
12
0 1 2 3 4 5 6 7 8 9 10
Weak
Powerful

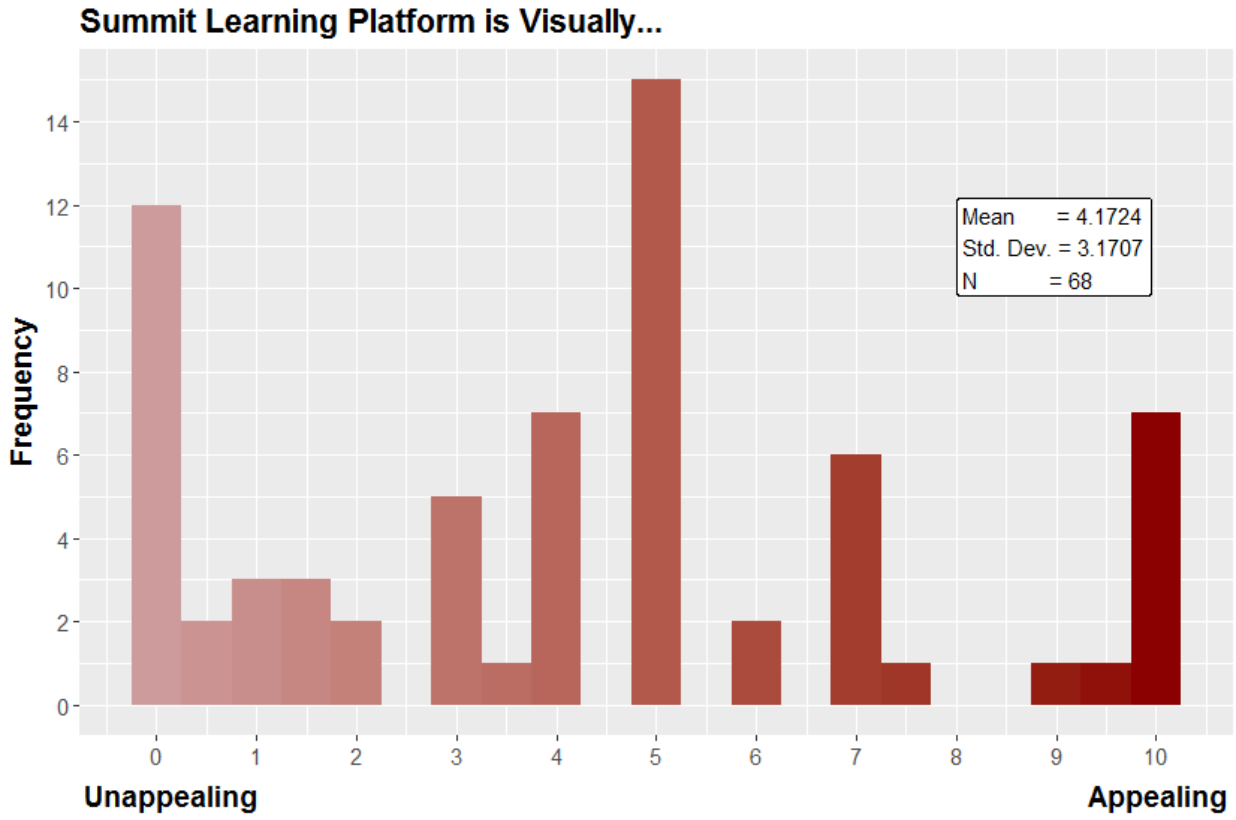

Videos and Audio Recordings Used in SLP Make Me Feel...
Mean = 3.5023
Std. Dev. = 3.6057
N = 44
Frequency
0
2
4
6
8
10
12
0
1
2
3
4
5
6
7
8
9
10
Confused
Knowledgeable

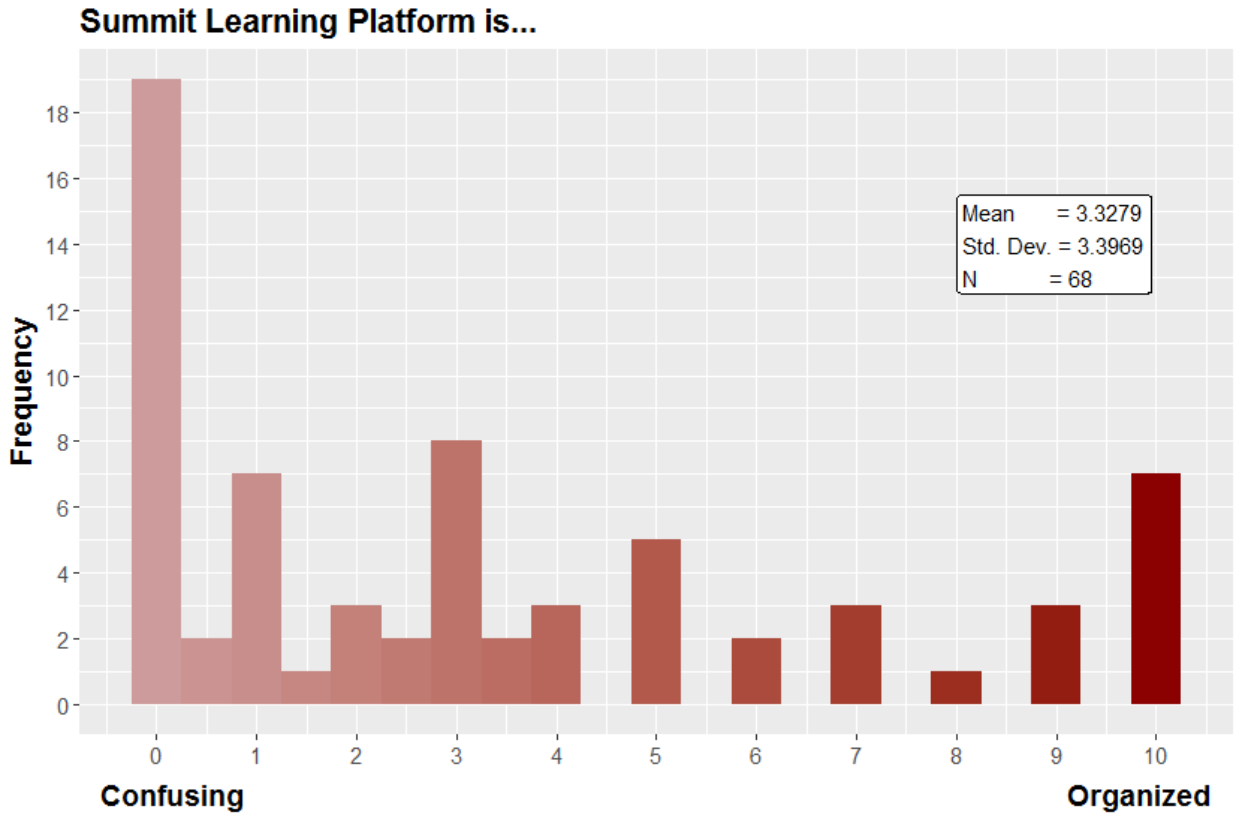
Perceptions of SLP as a Product

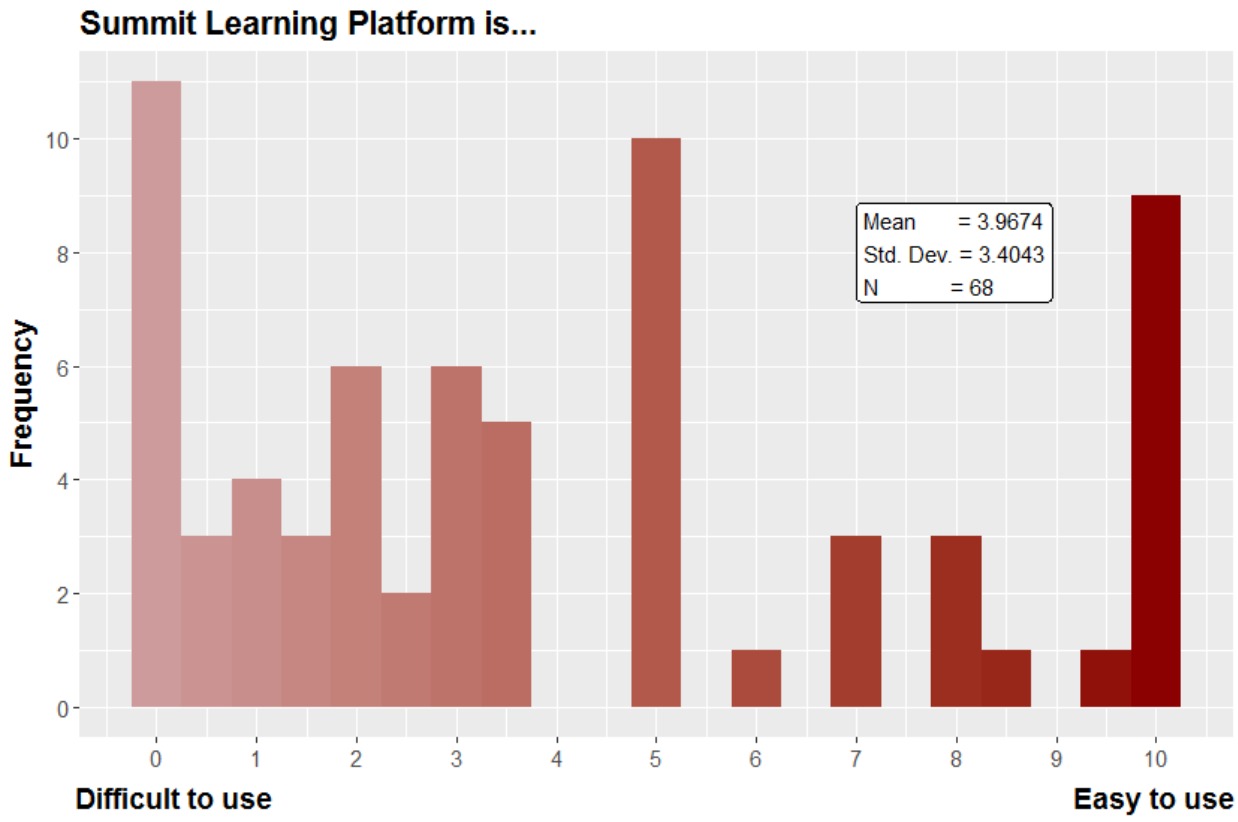
Table 9

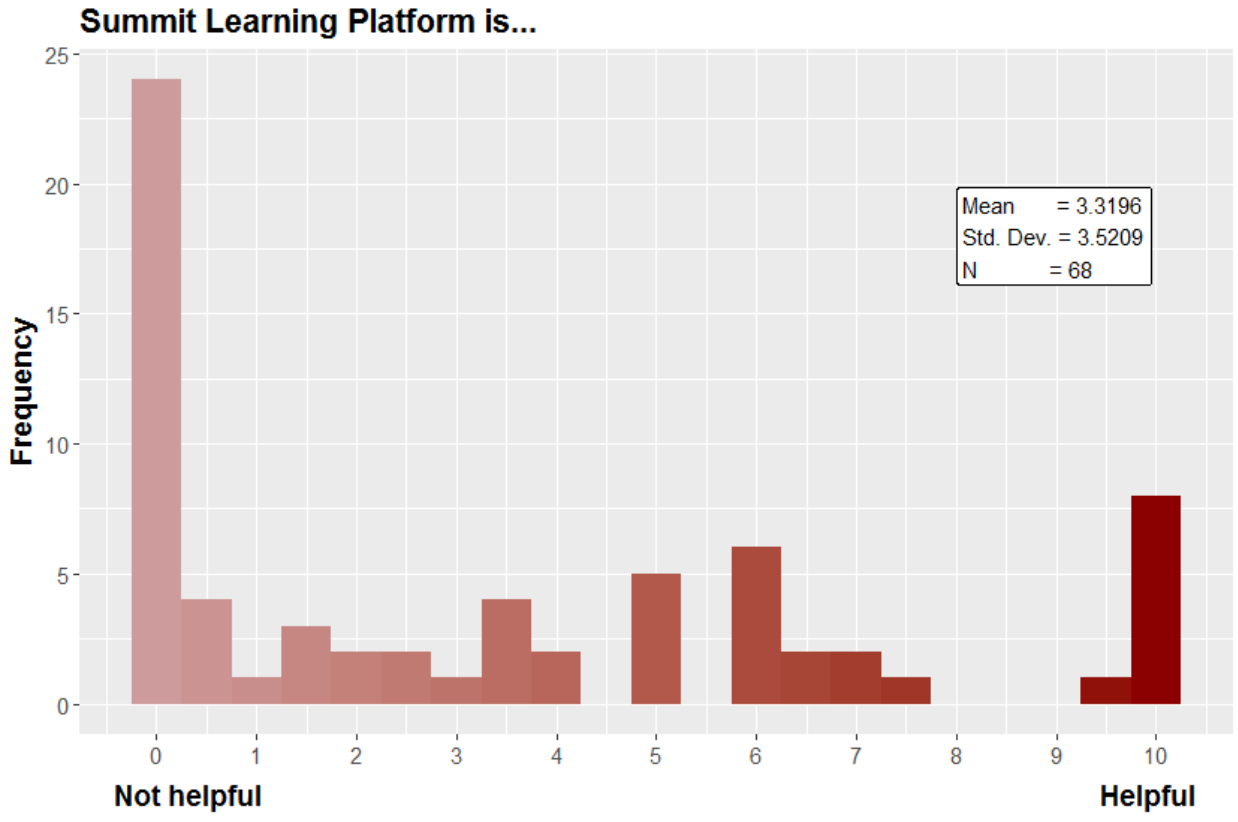
Summary of "Attitudes of SLP as a Product" for Parents/Guardians

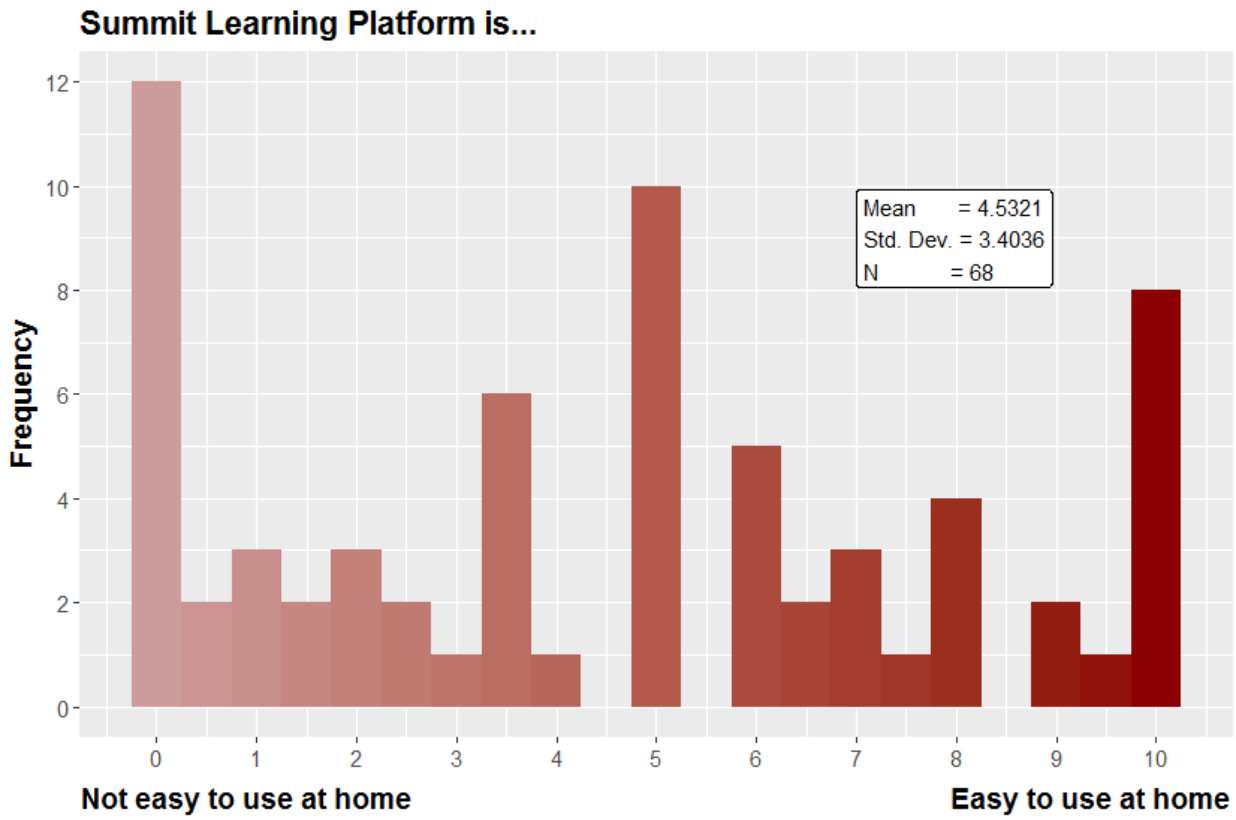
Semantic Differential	n	Mean	Median	Variance	Standard Deviation	α
Visually Appealing	68	4.1724	4.1800	10.053	3.17067	.955
Organized	68	3.3279	2.7450	11.539	3.39694	
Easy to Use	68	3.9674	3.0400	11.589	3.40433	
Helpful	68	3.3196	2.1800	12.397	3.52087	
Easy to Use at Home	68	4.5321	4.9950	11.584	3.40359	
Safe	68	4.1432	4.4250	12.480	3.53268	
Easy to Navigate	68	4.1513	3.9350	11.534	3.39614	
Extensive Content	68	4.5734	5.0000	9.692	3.11325	
Works Well	68	3.5971	3.5200	11.787	3.43327	
Supported	68	3.6010	3.0500	12.186	3.49083	
Expensive	68	6.7690	7.4000	9.893	3.14524	

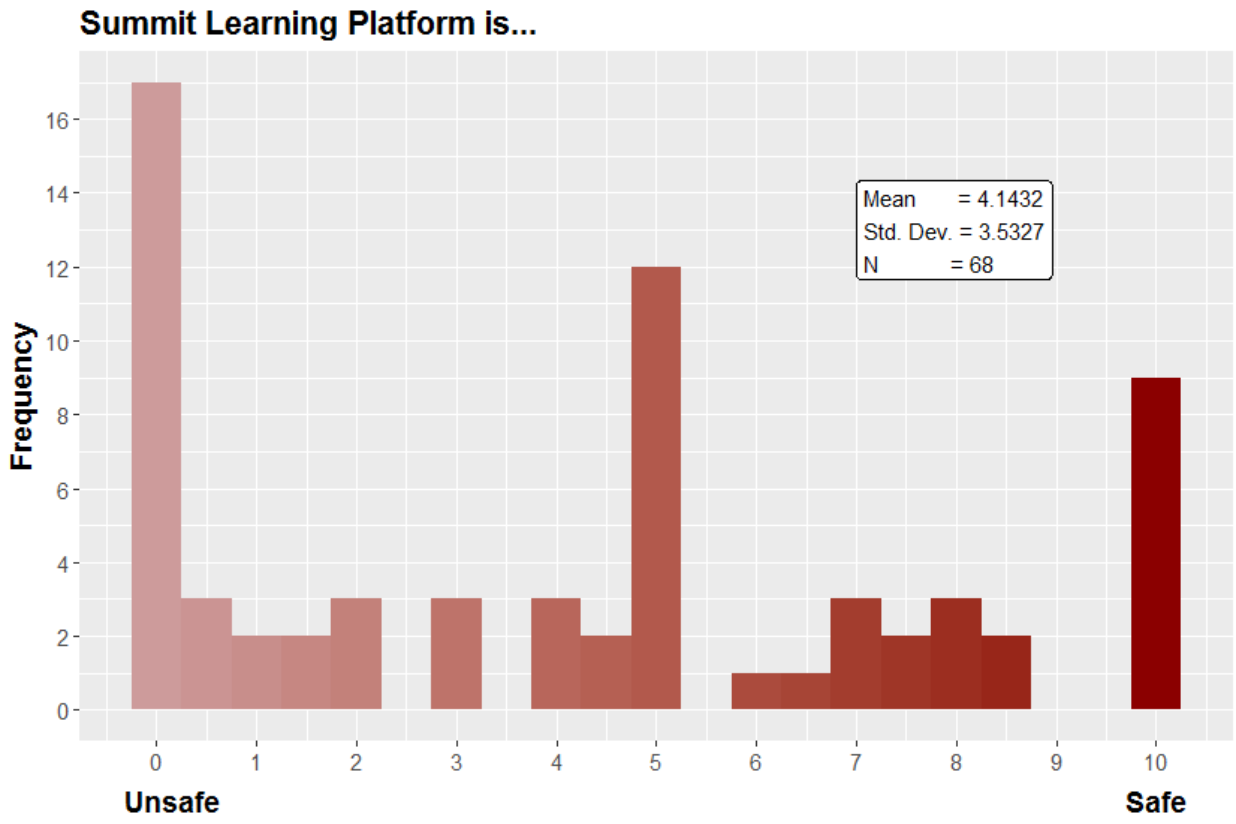

Summit Learning Platform is Visually...
Frequency
Mean = 4.1724
Std. Dev. = 3.1707
N = 68
Unappealing
Appealing

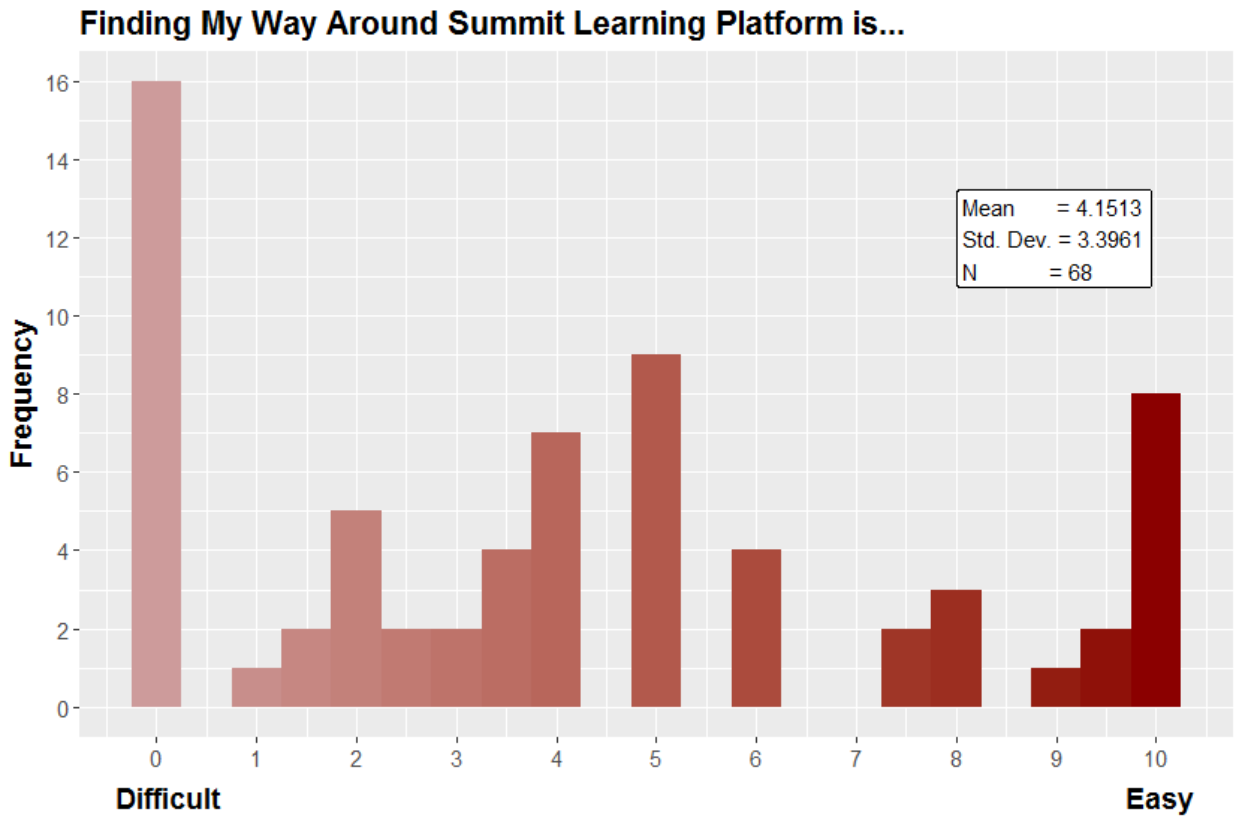

Summit Learning Platform is...
Frequency
Mean = 3.3279
Std. Dev. = 3.3969
N = 68
Confusing
Organized

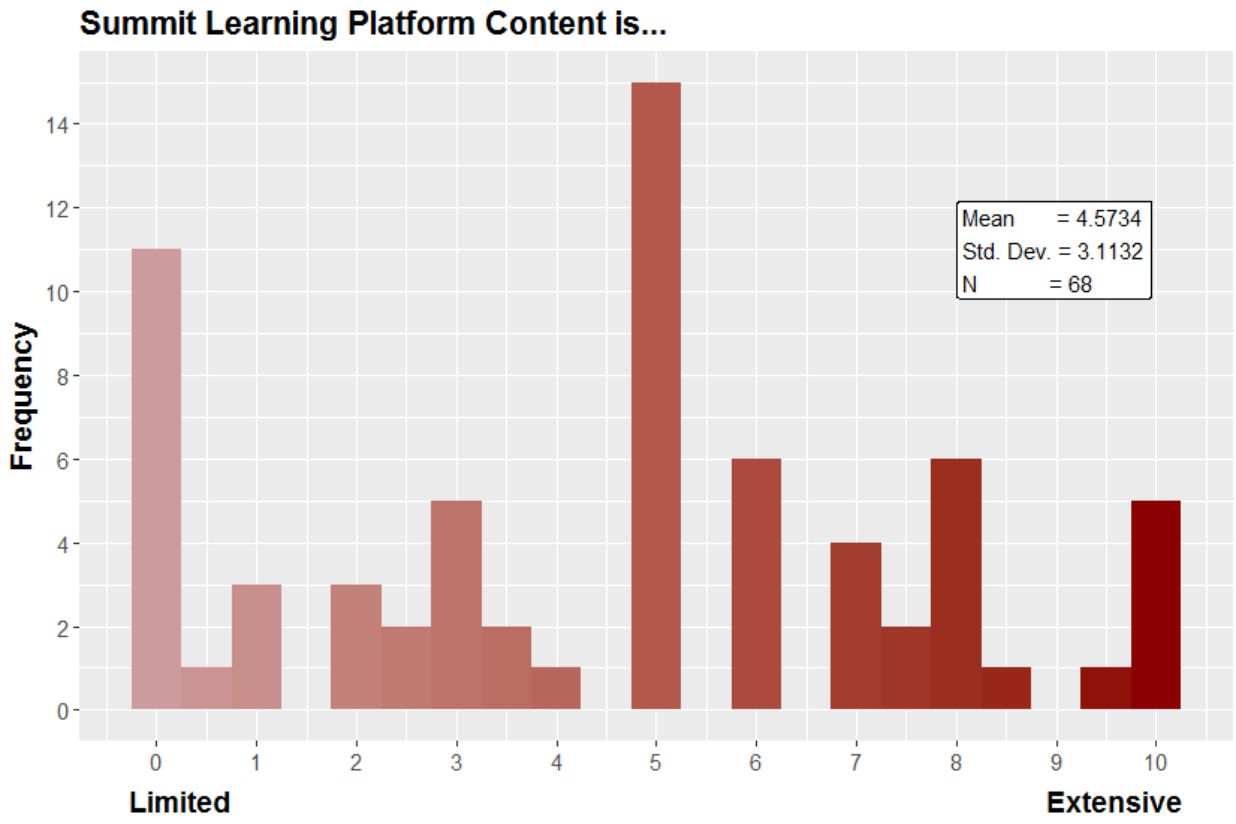

Summit Learning Platform is...
Frequency
Mean = 3.9674
Std. Dev. = 3.4043
N = 68
Difficult to use
Easy to use

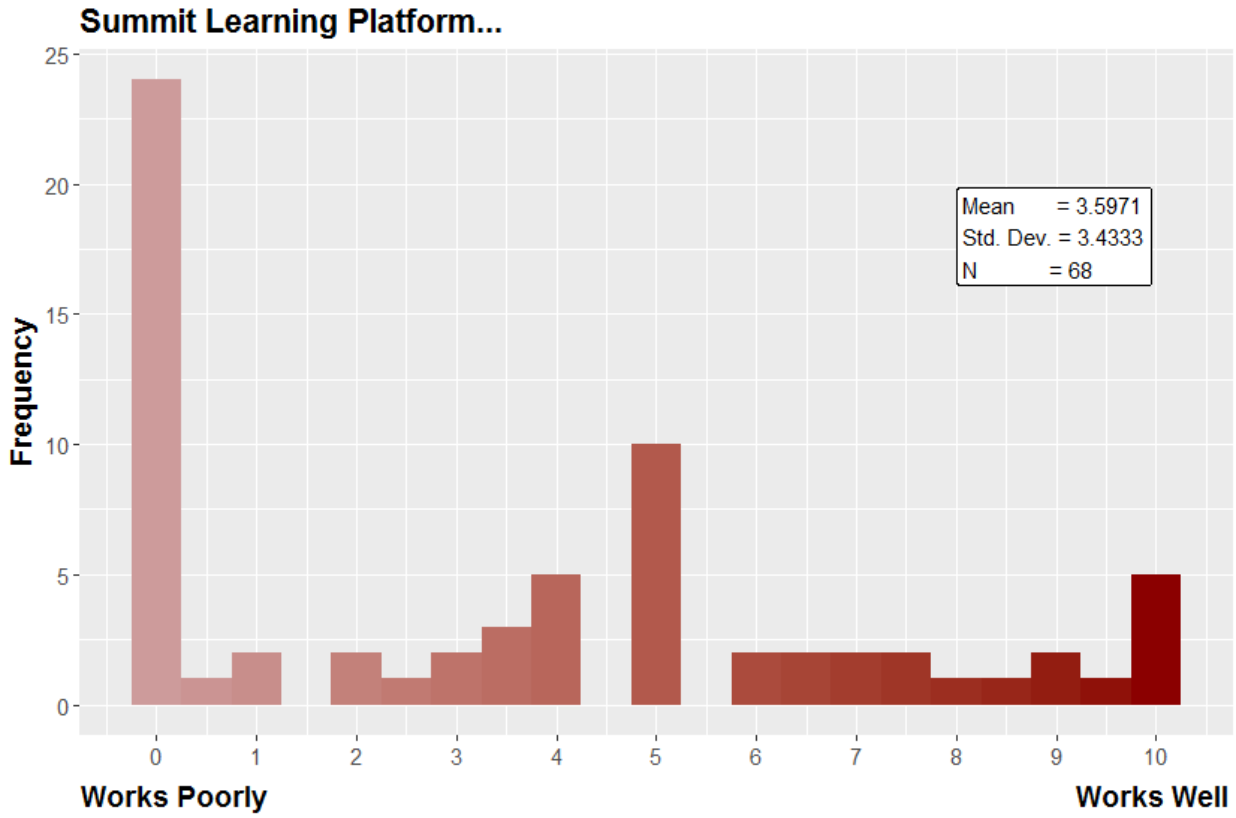

Summit Learning Platform is...
Frequency
Mean = 3.3196
Std. Dev. = 3.5209
N = 68
Not helpful
Helpful

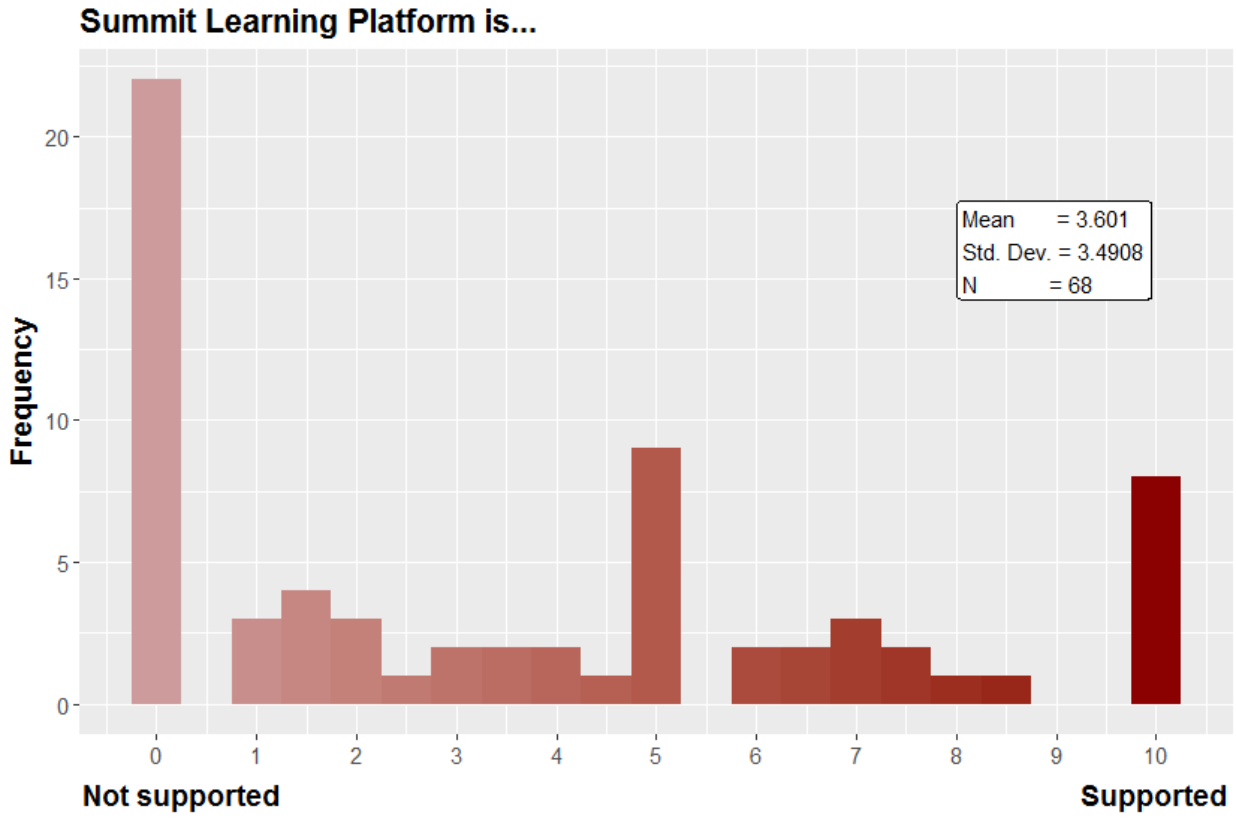

Summit Learning Platform is...
Frequency
Mean = 4.5321
Std. Dev. = 3.4036
N = 68
Not easy to use at home
Easy to use at home

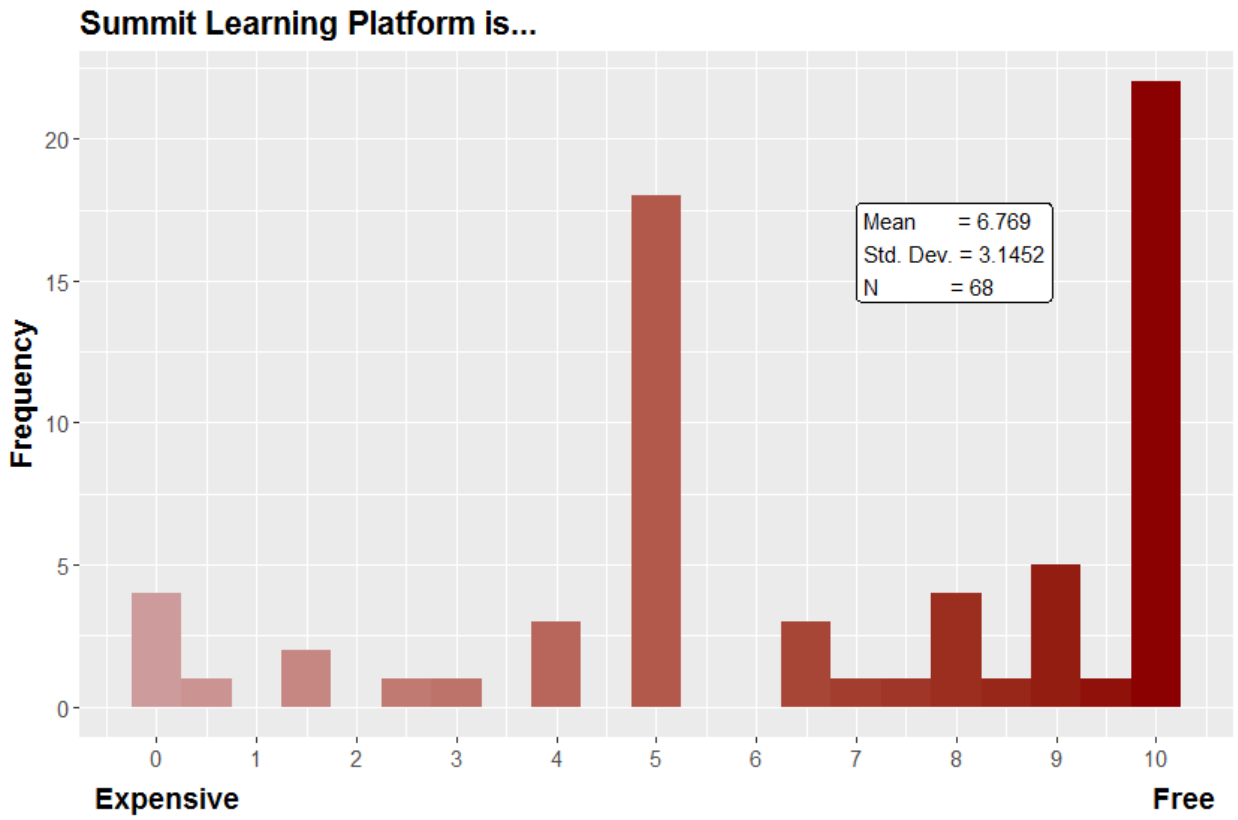

Summit Learning Platform is...
Frequency
Mean = 4.1432
Std. Dev. = 3.5327
N = 68
Unsafe
Safe


Finding My Way Around Summit Learning Platform is...
Mean = 4.1513
Std. Dev. = 3.3961
N = 68
Frequency
0
2
4
6
8
10
12
14
16
0
1
2
3
4
5
6
7
8
9
10
Difficult
Easy

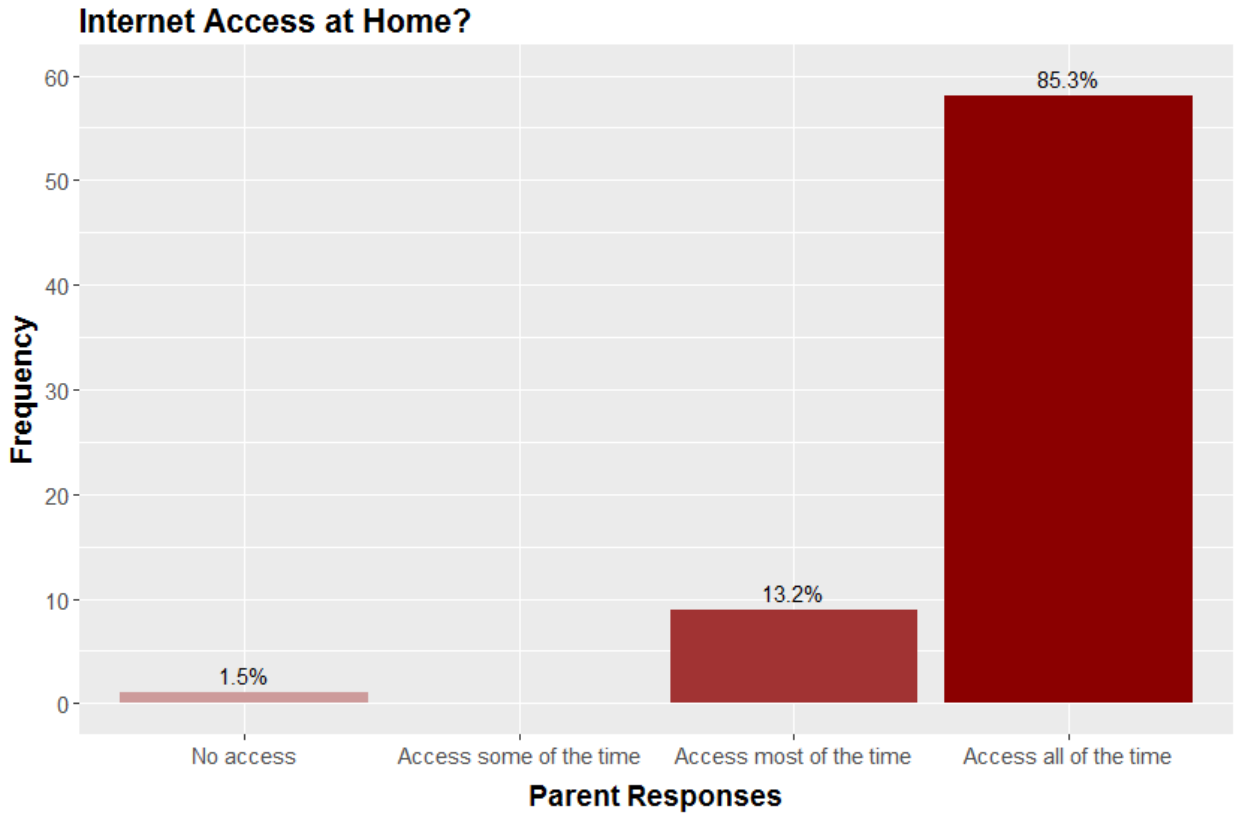

Summit Learning Platform Content is...
Mean = 4.5734
Std. Dev. = 3.1132
N = 68
Frequency
0
2
4
6
8
10
12
14
0
1
2
3
4
5
6
7
8
9
10
Limited
Extensive

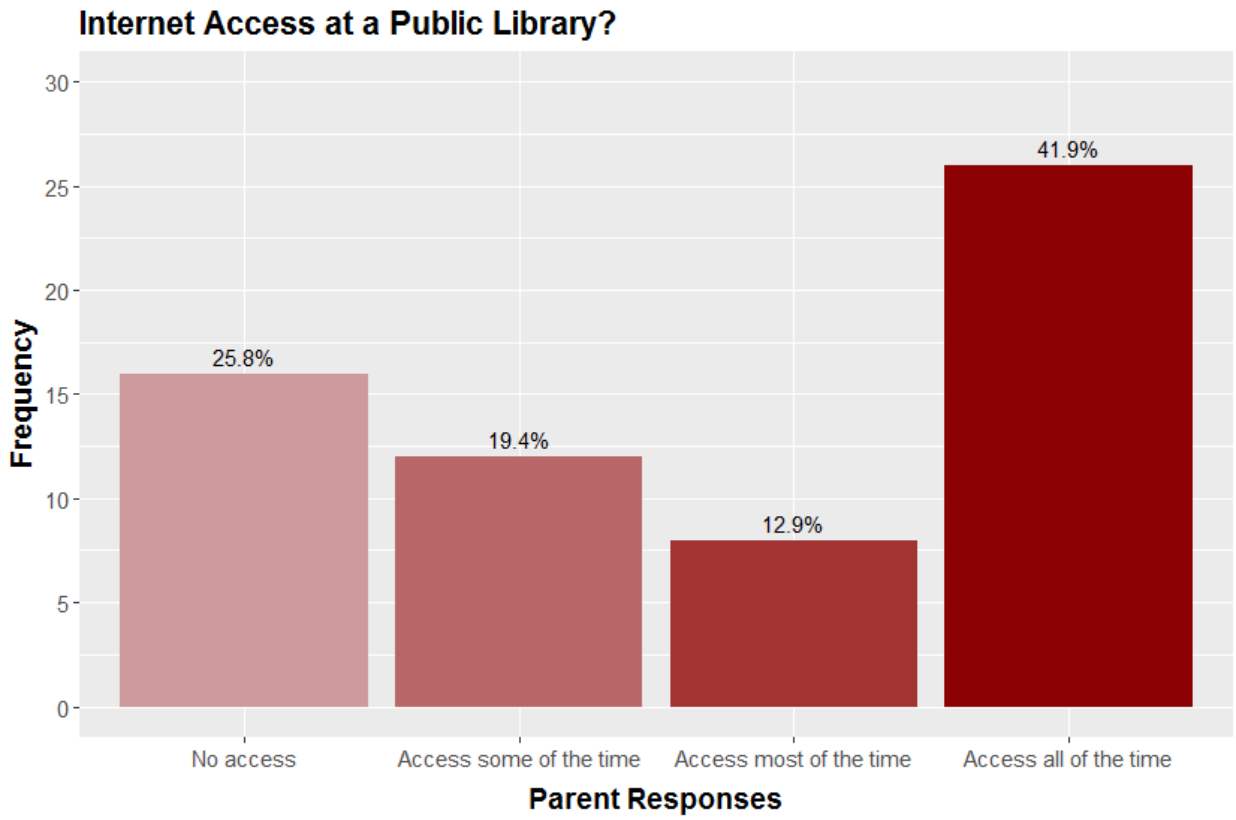

Summit Learning Platform...
Frequency
25
20
15
10
5
0
Mean = 3.5971
Std. Dev. = 3.4333
N = 68
0 1 2 3 4 5 6 7 8 9 10
Works Poorly
Works Well

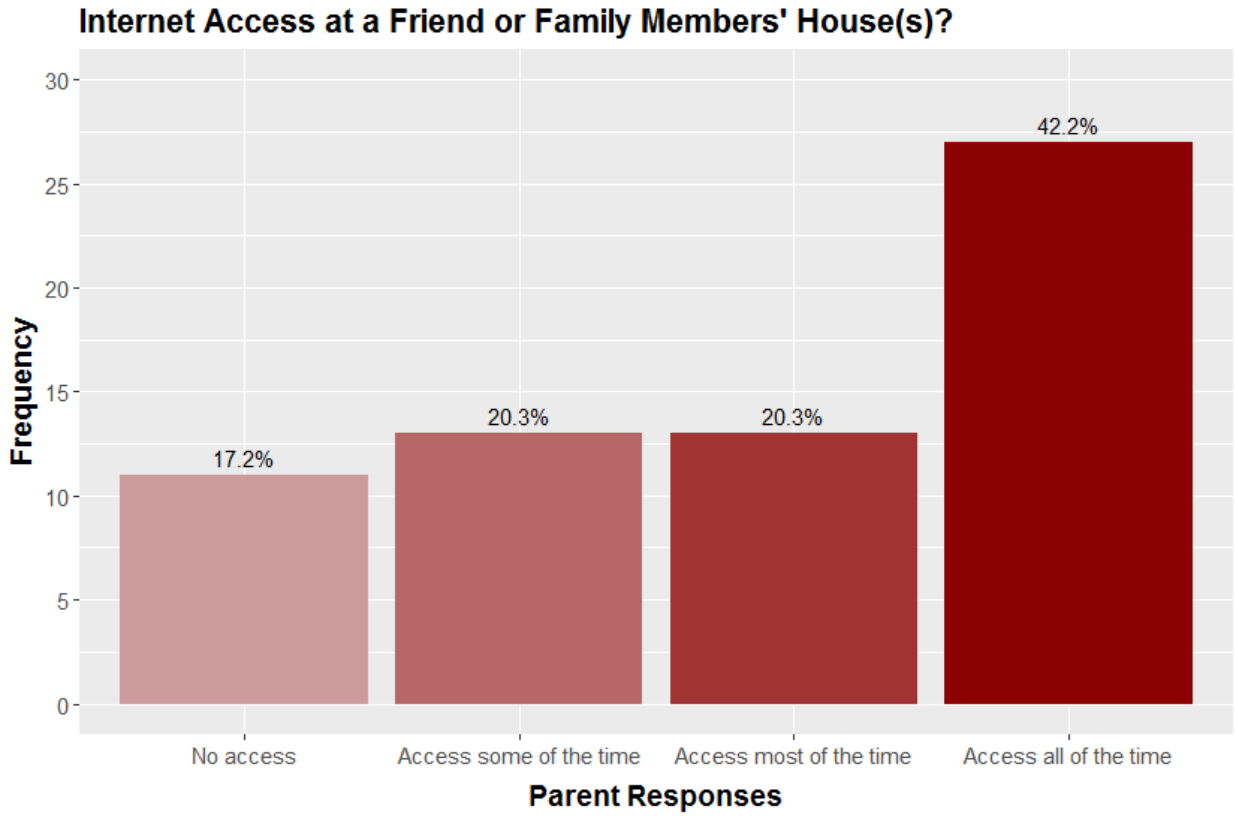

Summit Learning Platform is...
Frequency
20
15
10
5
0
Mean = 3.601
Std. Dev. = 3.4908
N = 68
0 1 2 3 4 5 6 7 8 9 10
Not supported
Supported

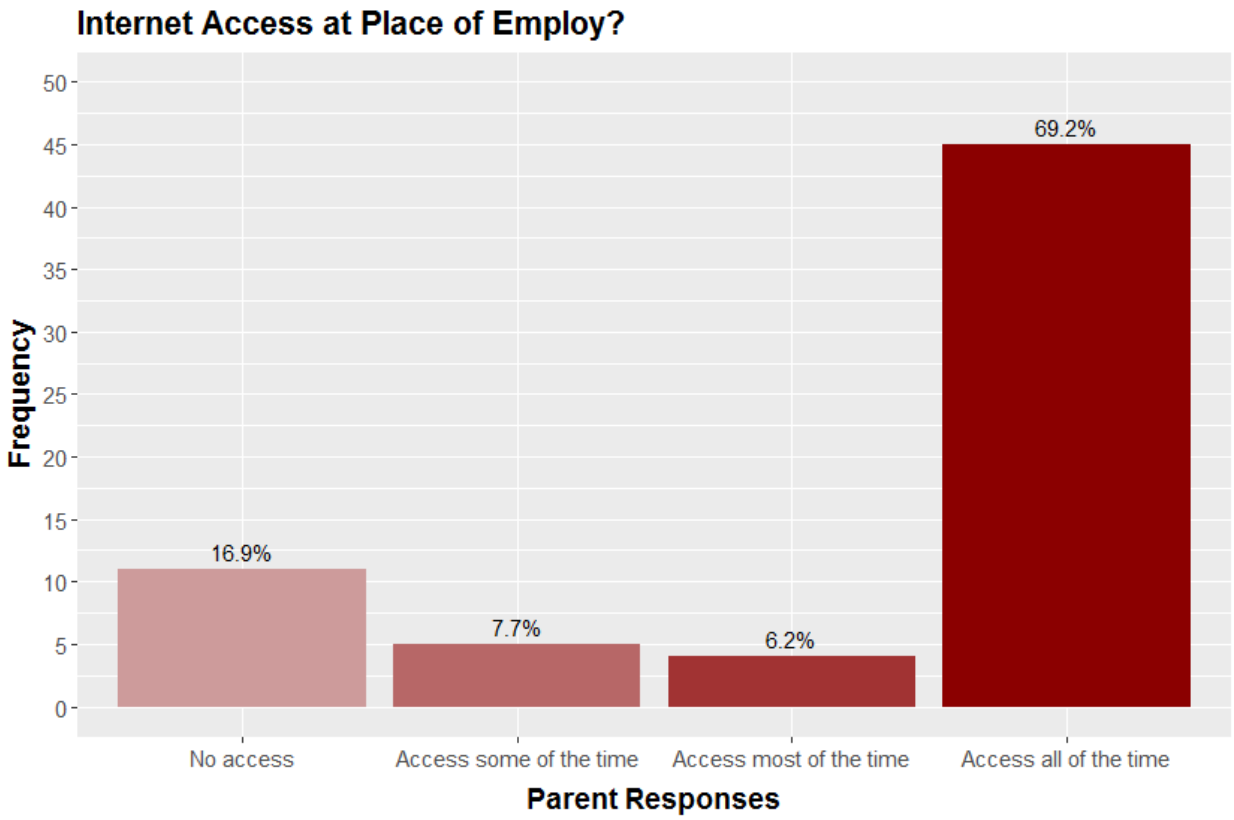

Summit Learning Platform is...
Frequency
20
15
10
5
0
Mean = 6.769
Std. Dev. = 3.1452
N = 68
0
1
2
3
4
5
6
7
8
9
10
Expensive
Free

Technology Use and Access




Internet Access at a Public Library?
Frequency
30
25
20
15
10
5
0
25.8%
19.4%
12.9%
41.9%
No access
Access some of the time
Access most of the time
Access all of the time
Parent Responses


Internet Access at a Friend or Family Members' House(s)?
Frequency
30
25
20
15
10
5
0
17.2%
20.3%
20.3%
42.2%
No access
Access some of the time
Access most of the time
Access all of the time
Parent Responses


Internet Access at Place of Employ?
Frequency
50
45
40
35
30
25
20
15
10
5
0
16.9%
7.7%
6.2%
69.2%
No access
Access some of the time
Access most of the time
Access all of the time
Parent Responses

Number of parents/guardians who don't own a smart phone

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	64	94.1	94.1	94.1
	Don't Have	4	5.9	5.9	100.0
	Total	68	100.0	100.0	

Number of parents/guardians who share a smart phone

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	66	97.1	97.1	97.1
	Share	2	2.9	2.9	100.0
	Total	68	100.0	100.0	

Number of parents/guardians who own a smart phone

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	6	8.8	8.8	8.8
	have phone	62	91.2	91.2	100.0
	Total	68	100.0	100.0	

Number of parents/guardians who don't have a computer

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	have/share	68	100.0	100.0	100.0

Number of parents/guardians who share a computer

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	46	67.6	67.6	67.6
	share computer	22	32.4	32.4	100.0
	Total	68	100.0	100.0	

Number of parents/guardians who have "own" computer

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	23	33.8	33.8	33.8
	Have computer	45	66.2	66.2	100.0
	Total	68	100.0	100.0	

Number of parents/guardians who don't have a tablet

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	63	92.6	92.6	92.6
	don't have tablet	5	7.4	7.4	100.0
	Total	68	100.0	100.0	

Number of parents/guardians who share a tablet

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	53	77.9	77.9	77.9
	share tablet	15	22.1	22.1	100.0
	Total	68	100.0	100.0	

Number of parents/guardians who have "own" tablet

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	23	33.8	33.8	33.8
	have tablet	45	66.2	66.2	100.0
	Total	68	100.0	100.0	

Number of parents/guardians who don't have a gaming system

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	61	89.7	89.7	89.7
	don't have video game	7	10.3	10.3	100.0
	Total	68	100.0	100.0	

Number of parents/guardians who share a gaming system

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	38	55.9	55.9	55.9
	share video game	30	44.1	44.1	100.0
	Total	68	100.0	100.0	

Number of parents/guardians who have "own" gaming system

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	40	58.8	58.8	58.8
	Have game system	28	41.2	41.2	100.0
	Total	68	100.0	100.0	

Number of parents/guardians who don't have a TV

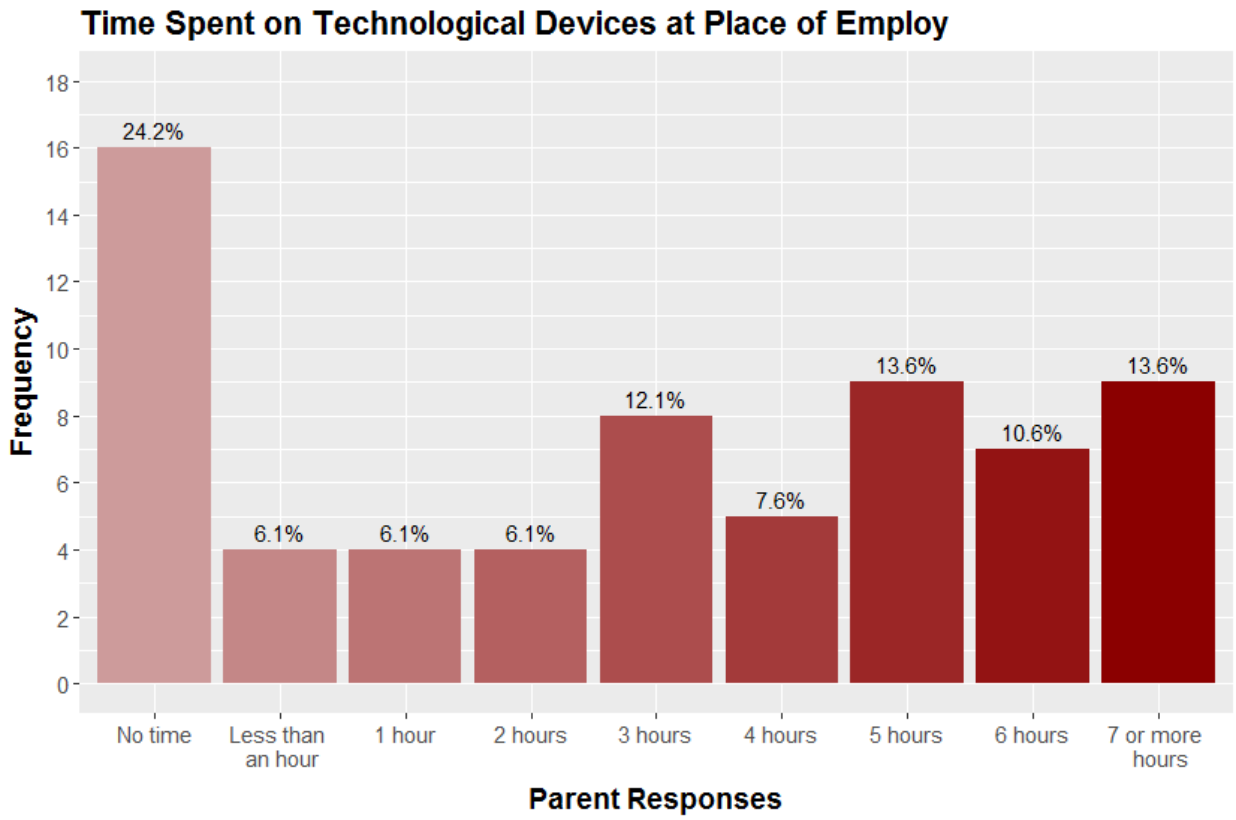
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	have/share own tv	68	100.0	100.0	100.0

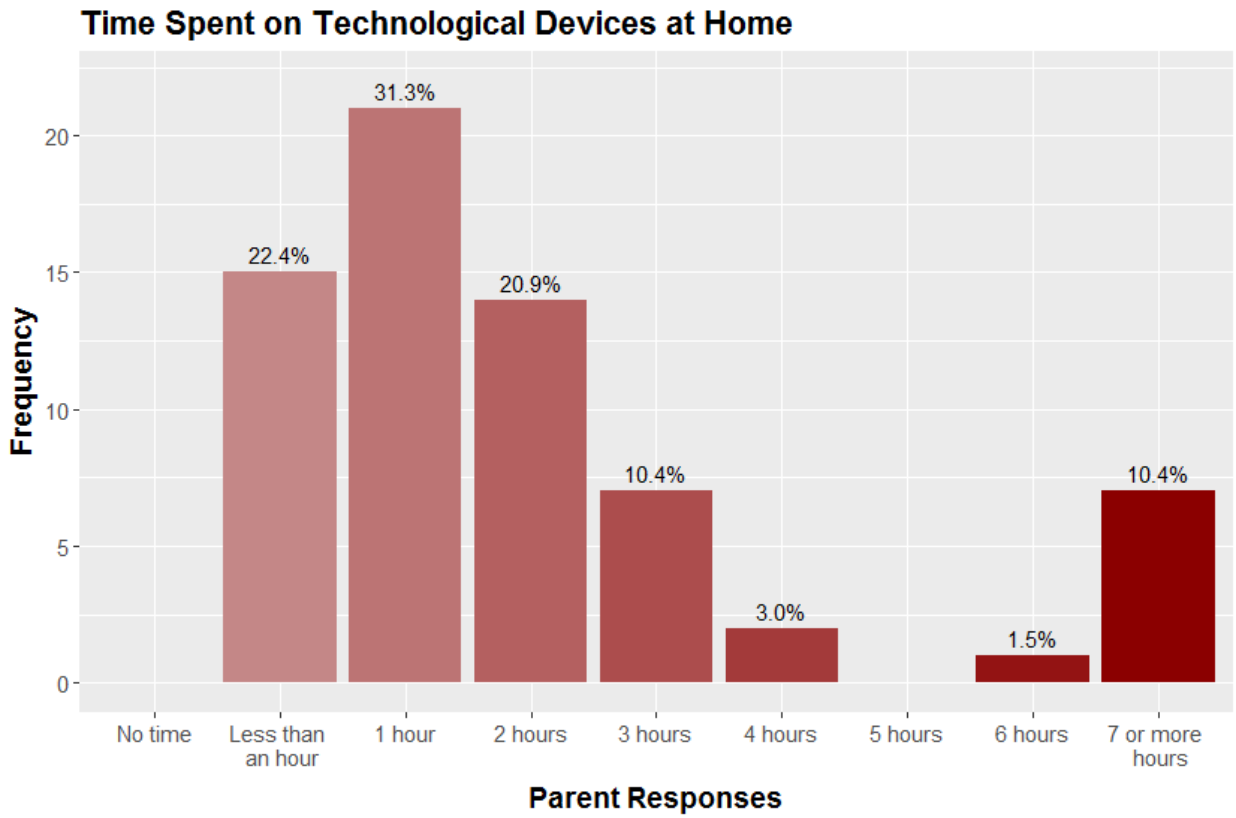
Number of parents/guardians who share a TV

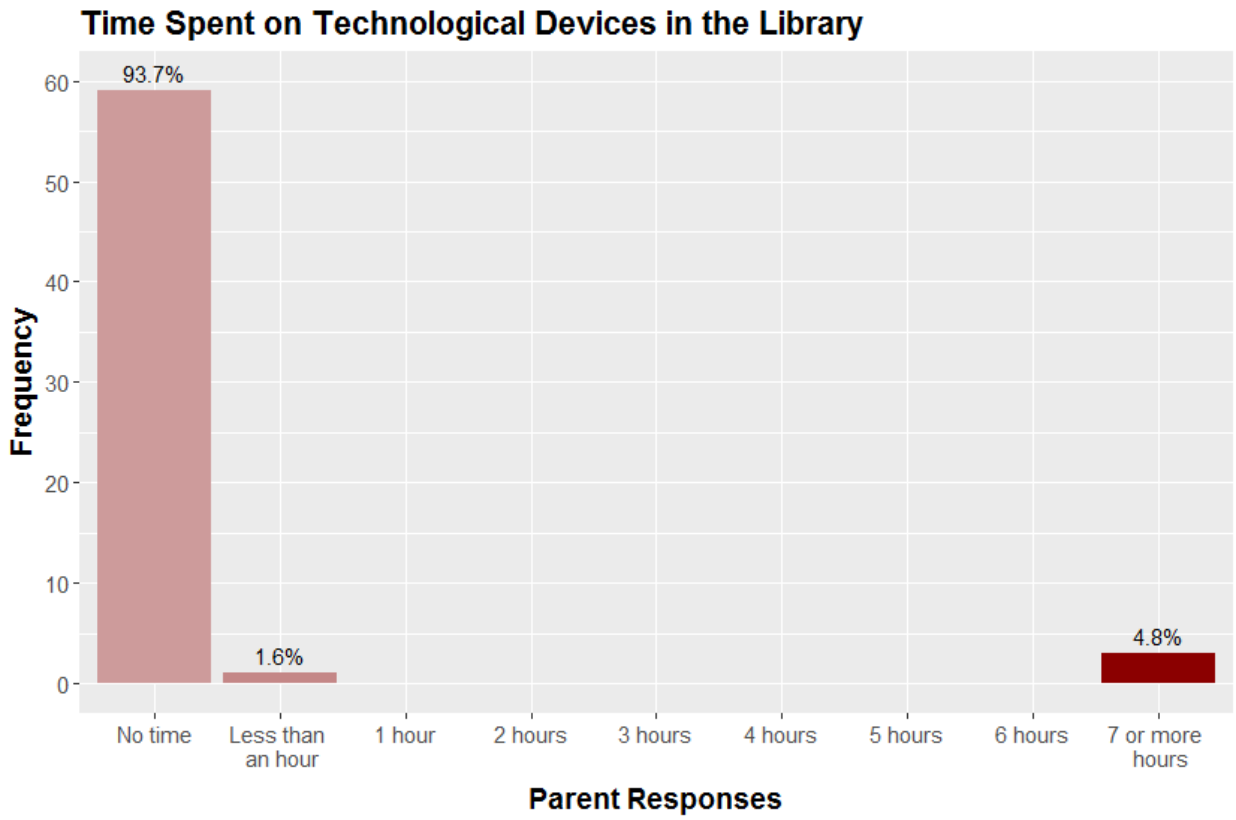
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	38	55.9	55.9	55.9
	share tv	30	44.1	44.1	100.0
	Total	68	100.0	100.0	

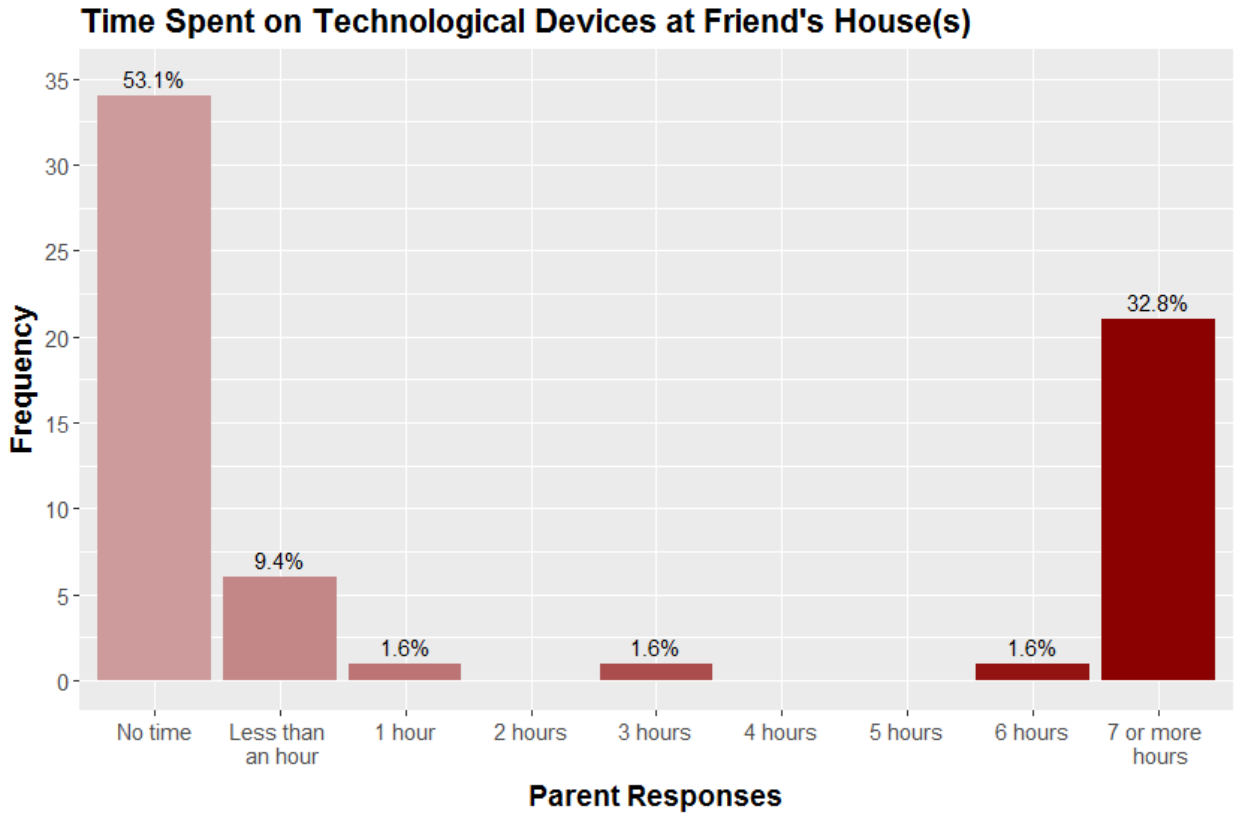
Number of parents/guardians who have "own" TV

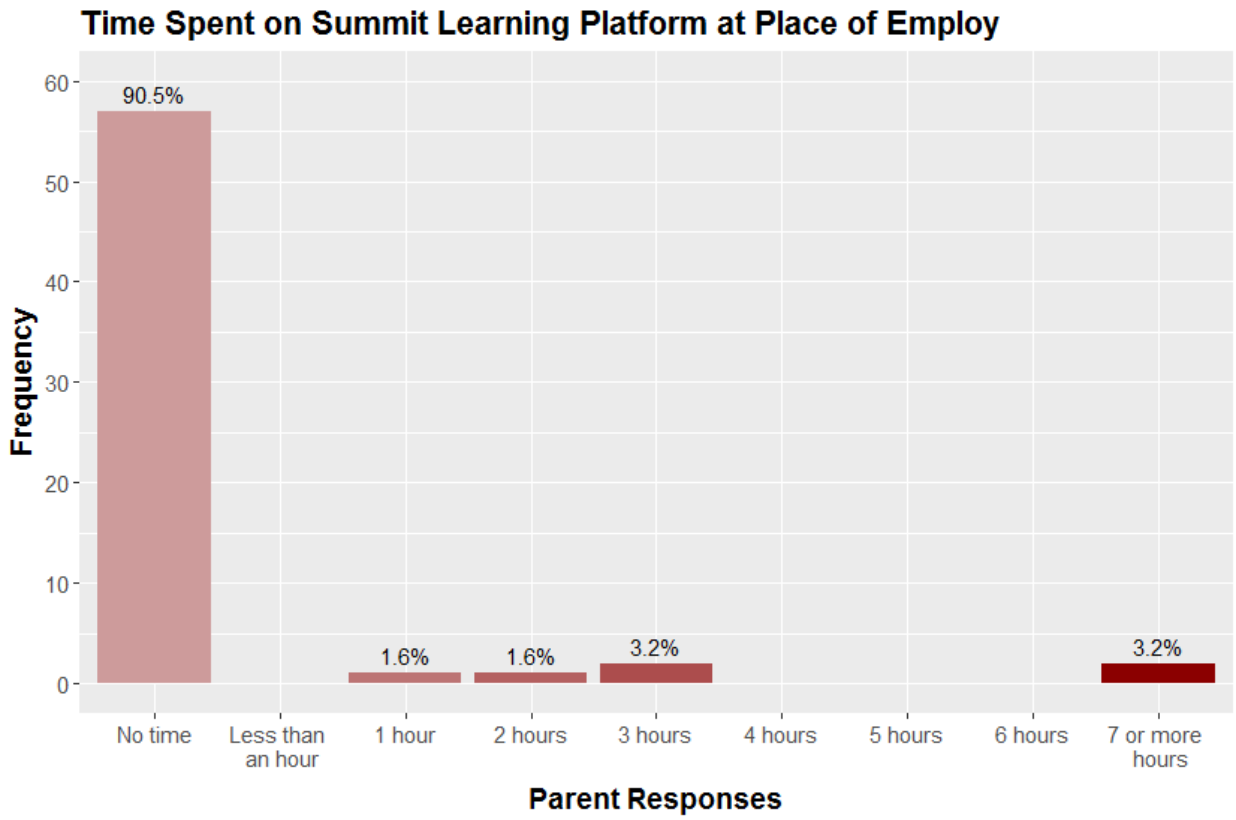
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	29	42.6	42.6	42.6
	have "own" tv	39	57.4	57.4	100.0
	Total	68	100.0	100.0	

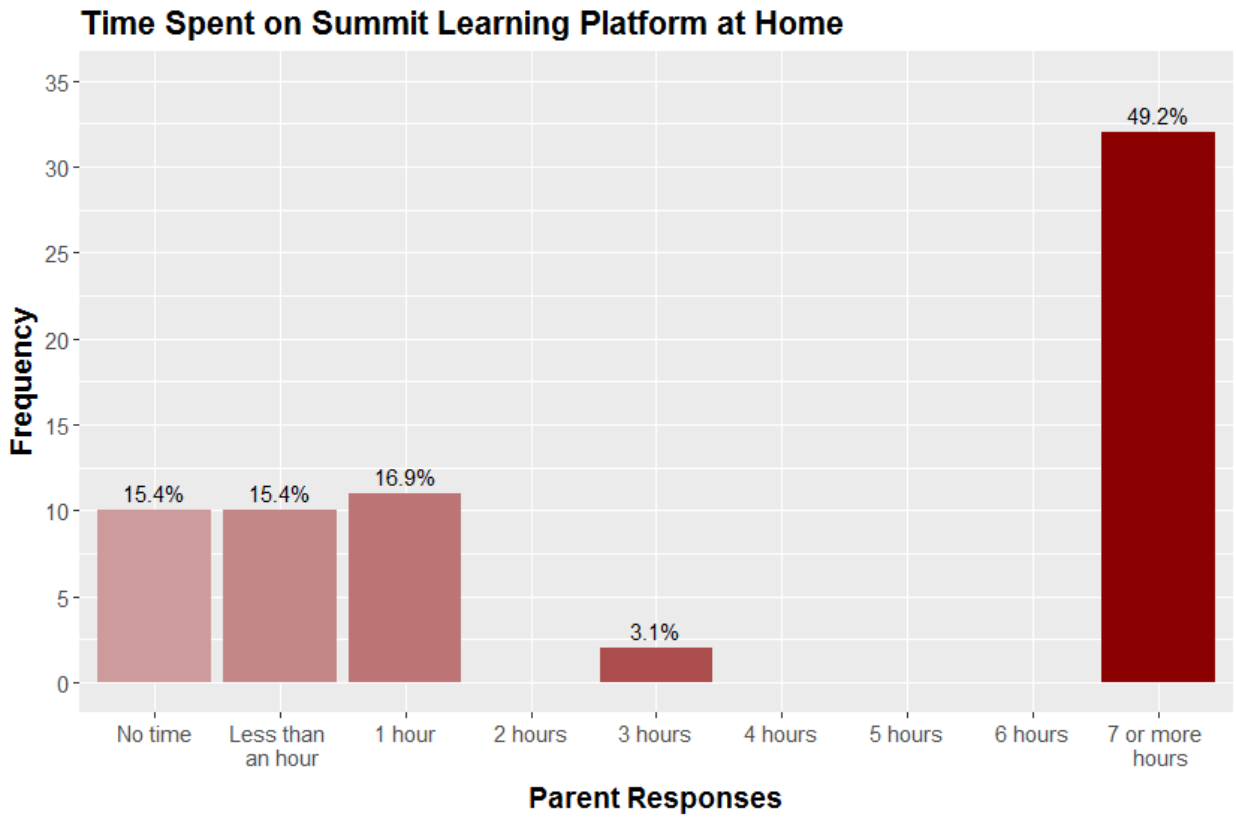

Time Spent on Technological Devices at Place of Employ
Frequency
18
16
14
12
10
8
6
4
2
0
24.2%
6.1%
6.1%
6.1%
12.1%
7.6%
13.6%
10.6%
13.6%
No time
Less than an hour
1 hour
2 hours
3 hours
4 hours
5 hours
6 hours
7 or more hours
Parent Responses

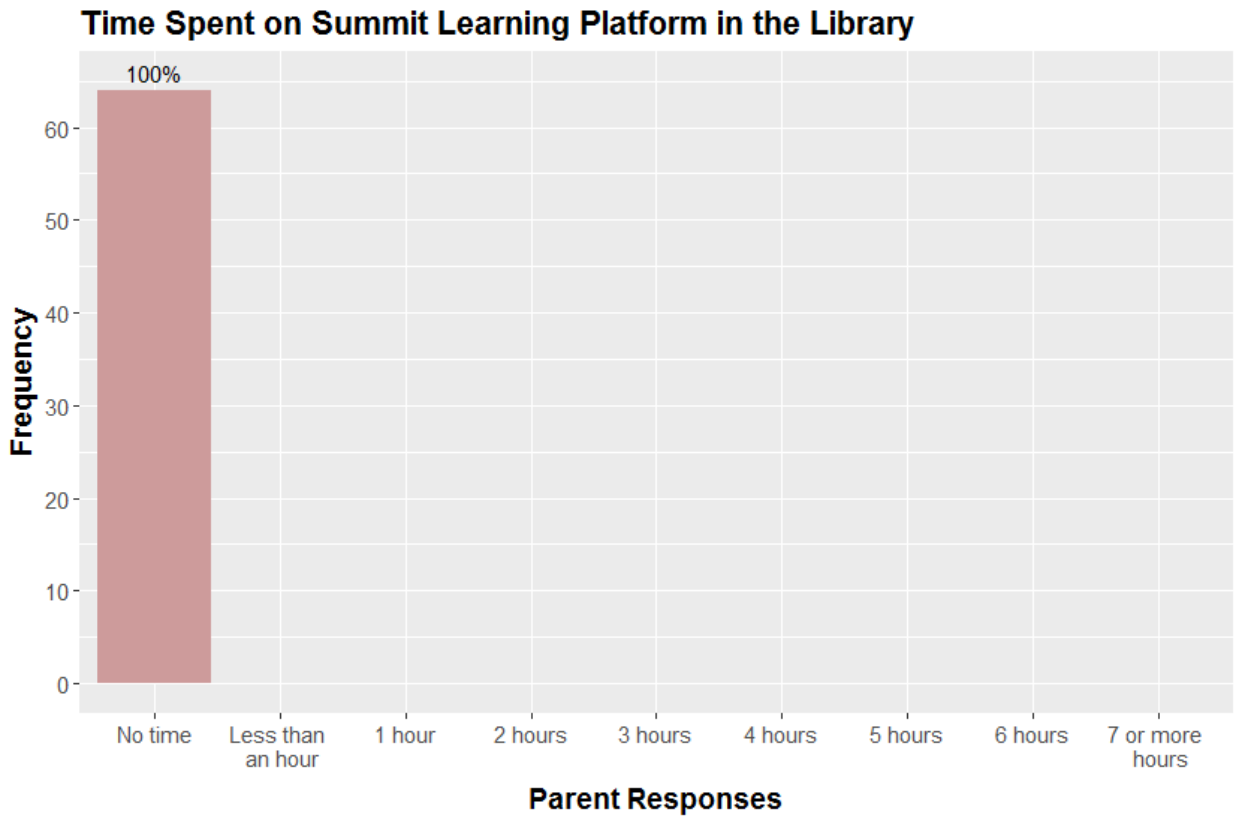

Time Spent on Technological Devices at Home
Frequency
20
15
10
5
0
22.4%
31.3%
20.9%
10.4%
3.0%
1.5%
10.4%
No time
Less than an hour
1 hour
2 hours
3 hours
4 hours
5 hours
6 hours
7 or more hours
Parent Responses

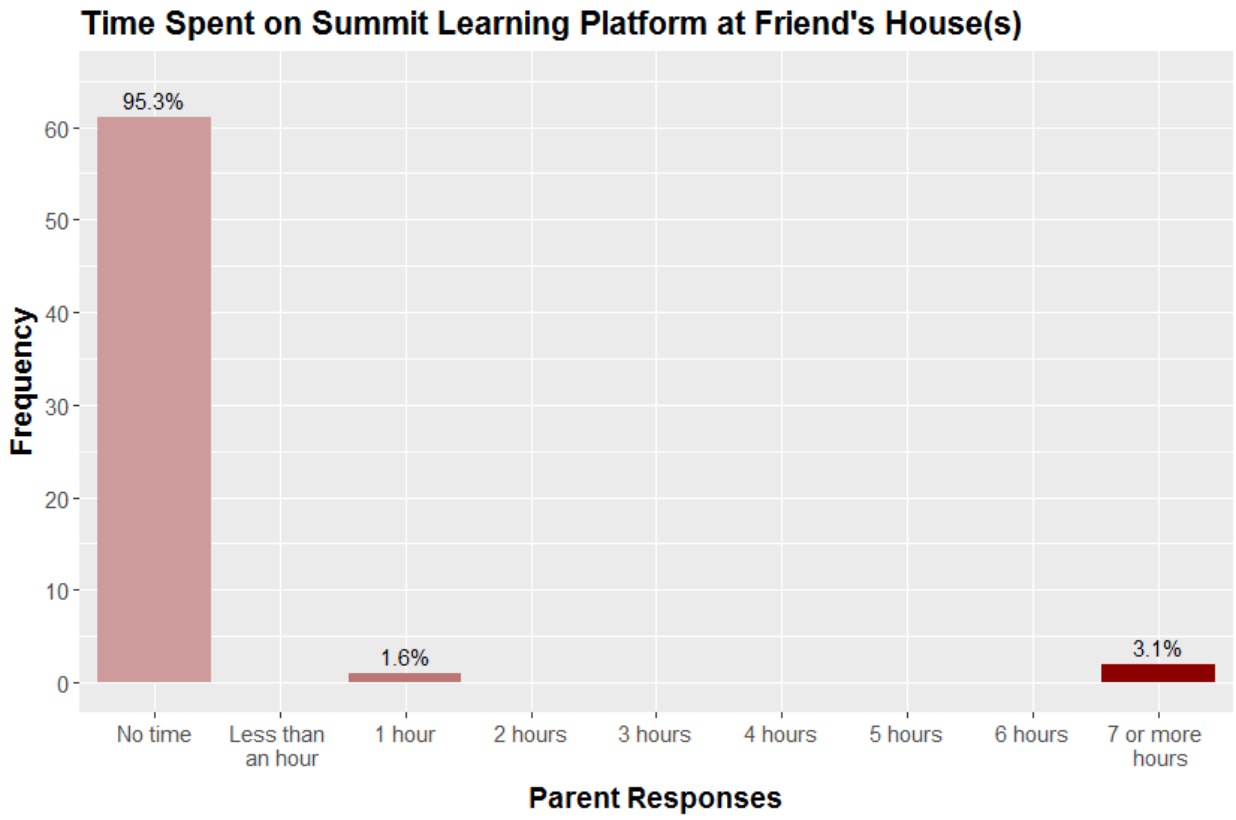

Time Spent on Technological Devices in the Library
Frequency
60
50
40
30
20
10
0
93.7%
1.6%
4.8%
No time
Less than an hour
1 hour
2 hours
3 hours
4 hours
5 hours
6 hours
7 or more hours
Parent Responses


Time Spent on Technological Devices at Friend's House(s)
Frequency
35
30
25
20
15
10
5
0
53.1%
9.4%
1.6%
1.6%
1.6%
32.8%
No time
Less than an hour
1 hour
2 hours
3 hours
4 hours
5 hours
6 hours
7 or more hours
Parent Responses

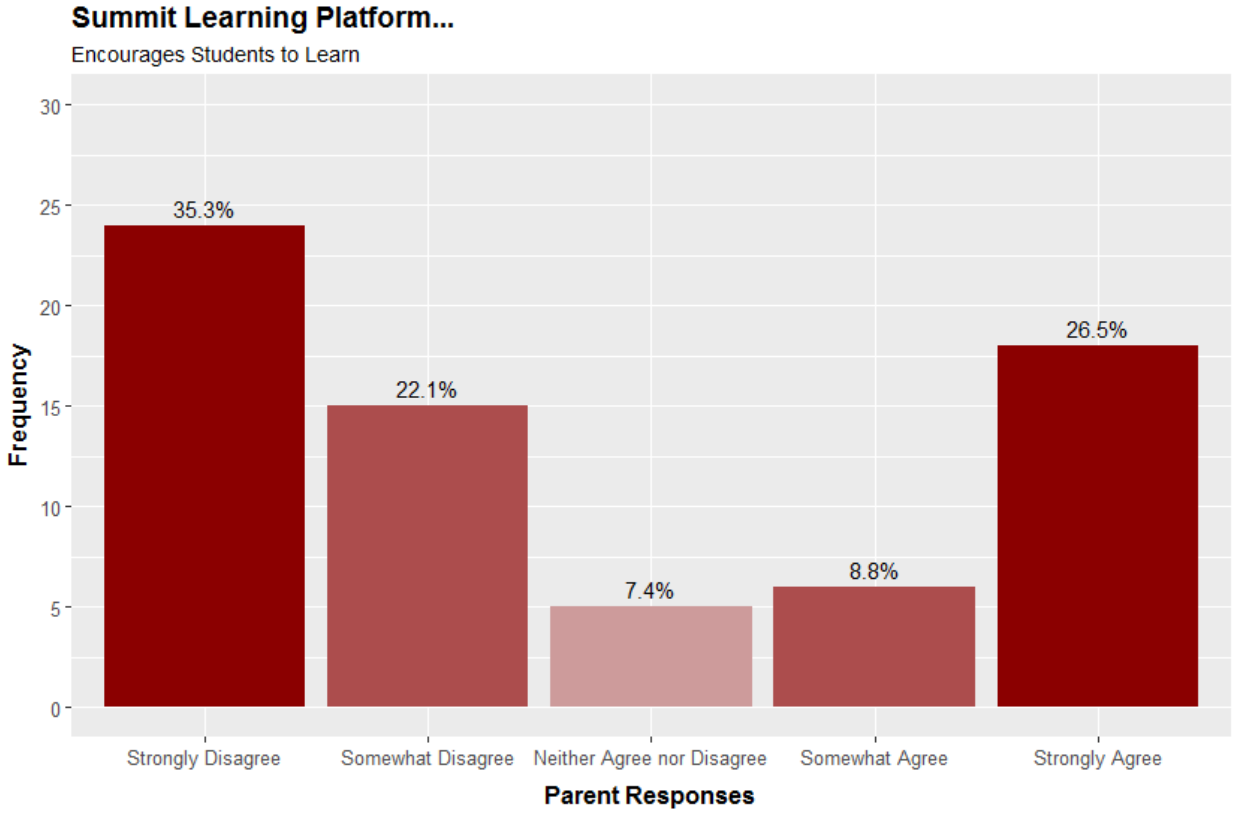

Time Spent on Summit Learning Platform at Place of Employ
Frequency
60
50
40
30
20
10
0
90.5%
1.6%
1.6%
3.2%
3.2%
No time
Less than an hour
1 hour
2 hours
3 hours
4 hours
5 hours
6 hours
7 or more hours
Parent Responses

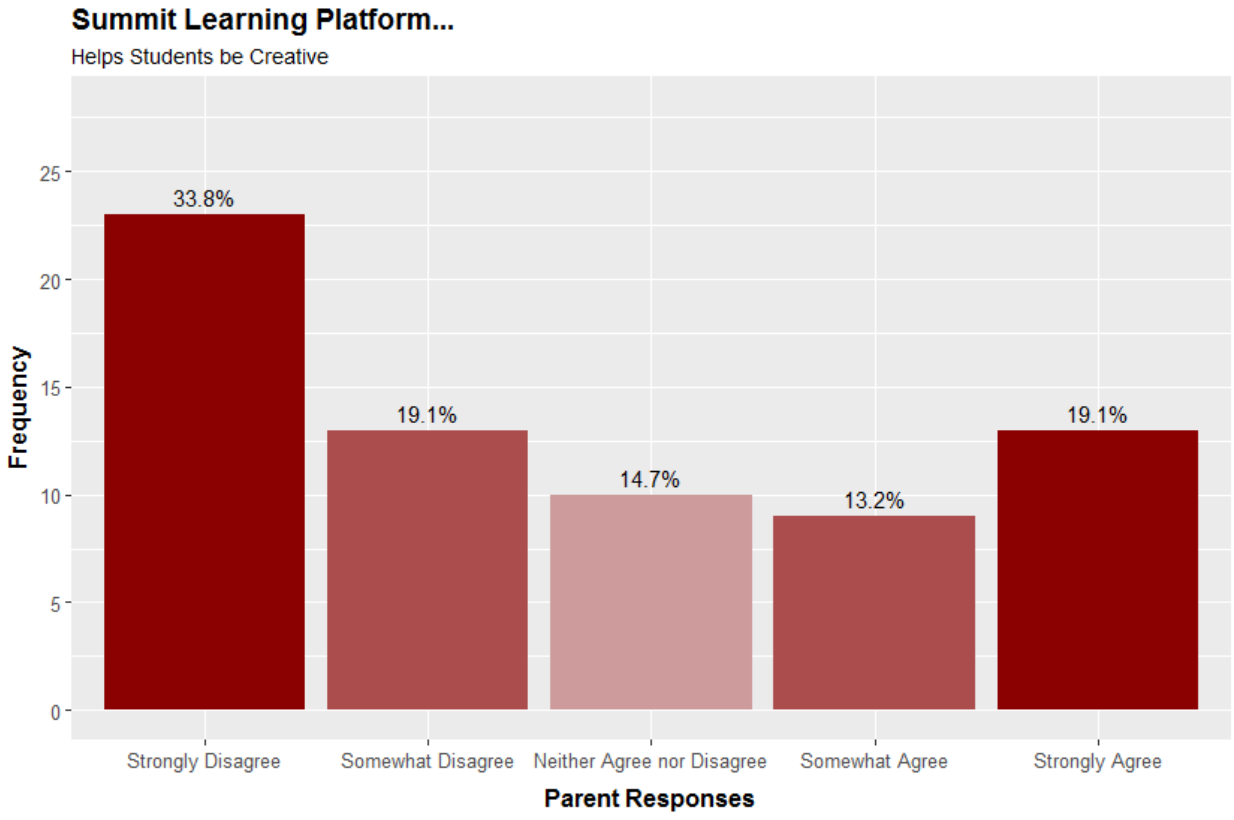

Time Spent on Summit Learning Platform at Home
Frequency
35
30
25
20
15
10
5
0
15.4%
15.4%
16.9%
3.1%
49.2%
No time
Less than an hour
1 hour
2 hours
3 hours
4 hours
5 hours
6 hours
7 or more hours
Parent Responses

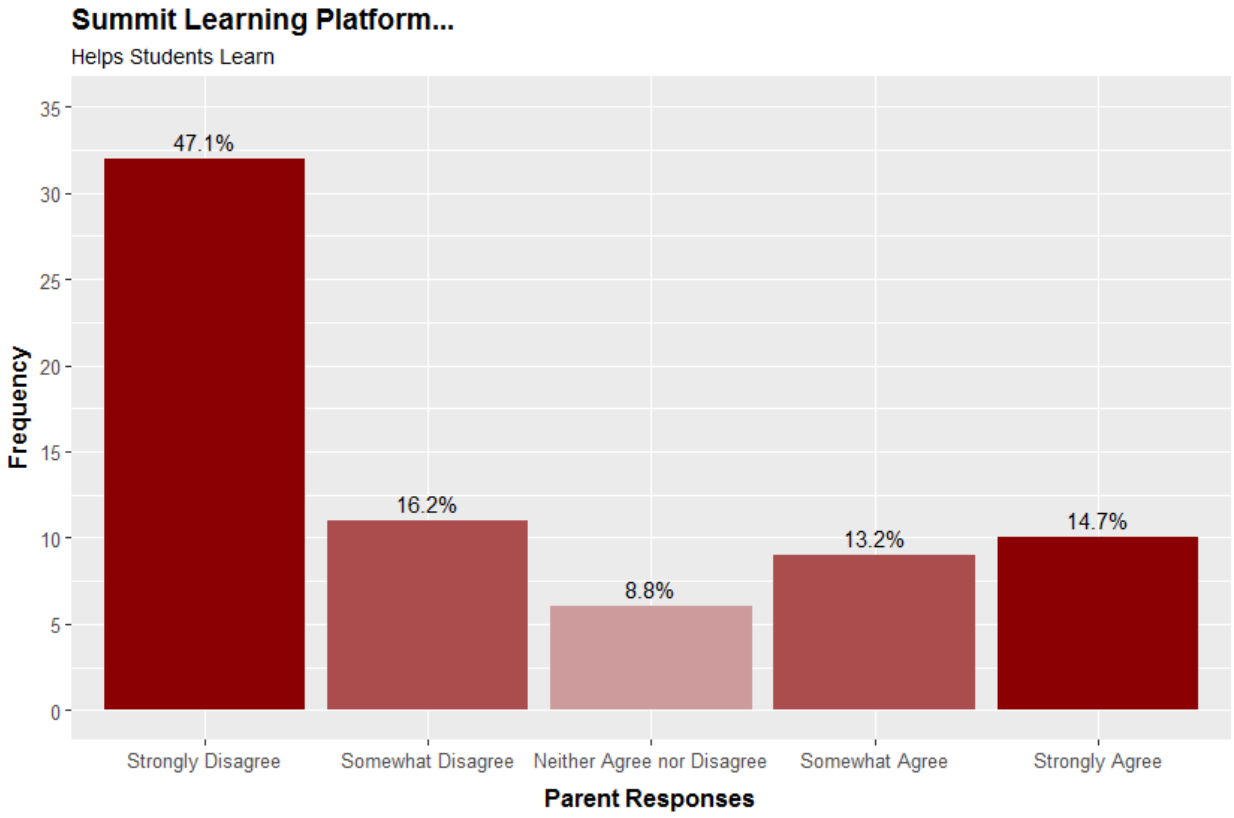

Time Spent on Summit Learning Platform in the Library
100%
Frequency
60
50
40
30
20
10
0
No time
Less than an hour
1 hour
2 hours
3 hours
4 hours
5 hours
6 hours
7 or more hours
Parent Responses

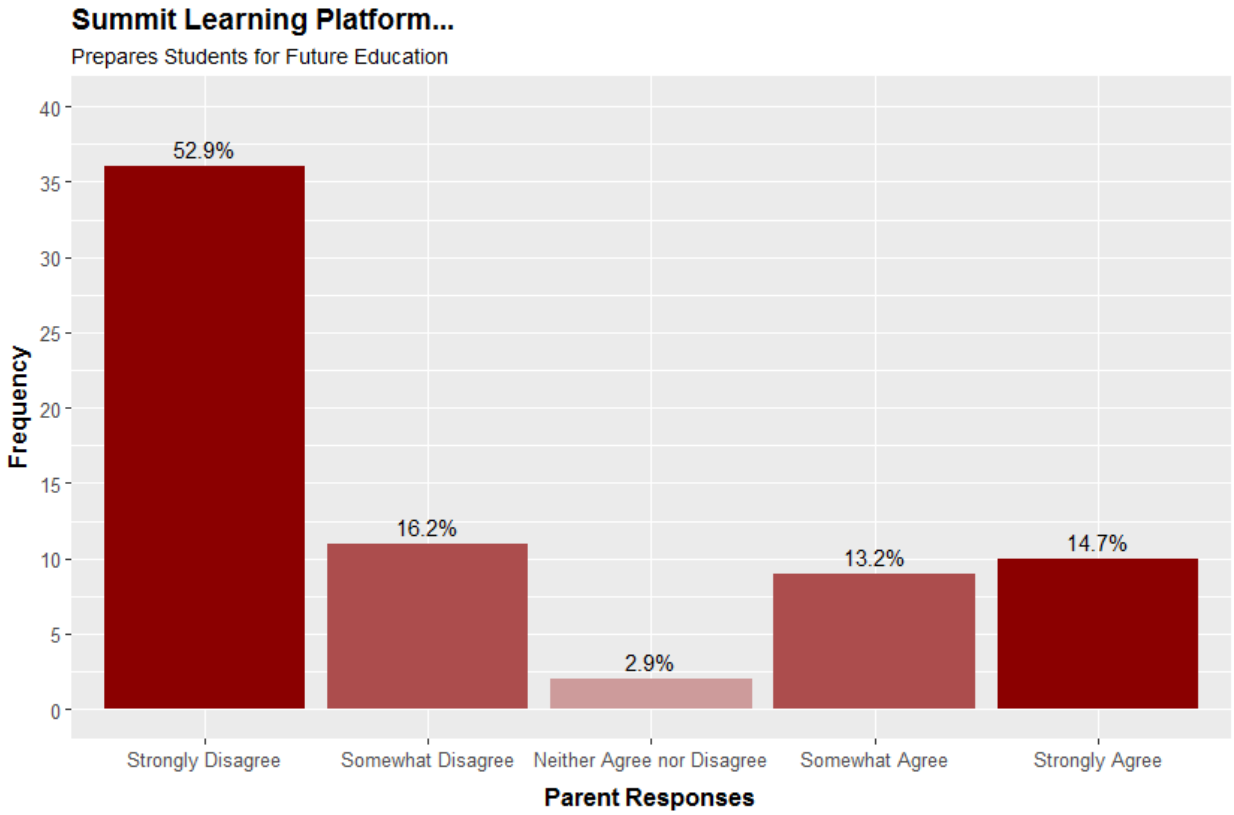

Time Spent on Summit Learning Platform at Friend's House(s)
95.3%
1.6%
3.1%
Frequency
60
50
40
30
20
10
0
No time
Less than an hour
1 hour
2 hours
3 hours
4 hours
5 hours
6 hours
7 or more hours
Parent Responses

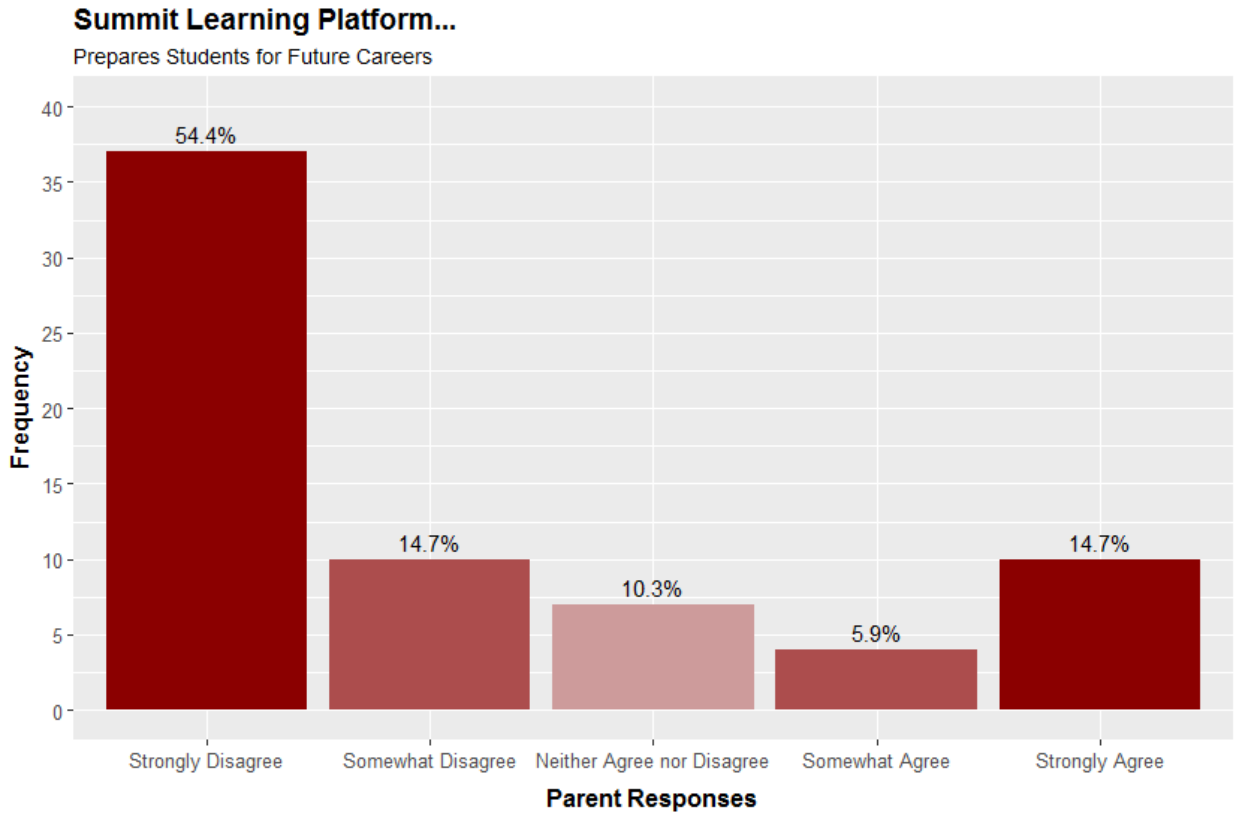
Perceptions of SLP Effectiveness

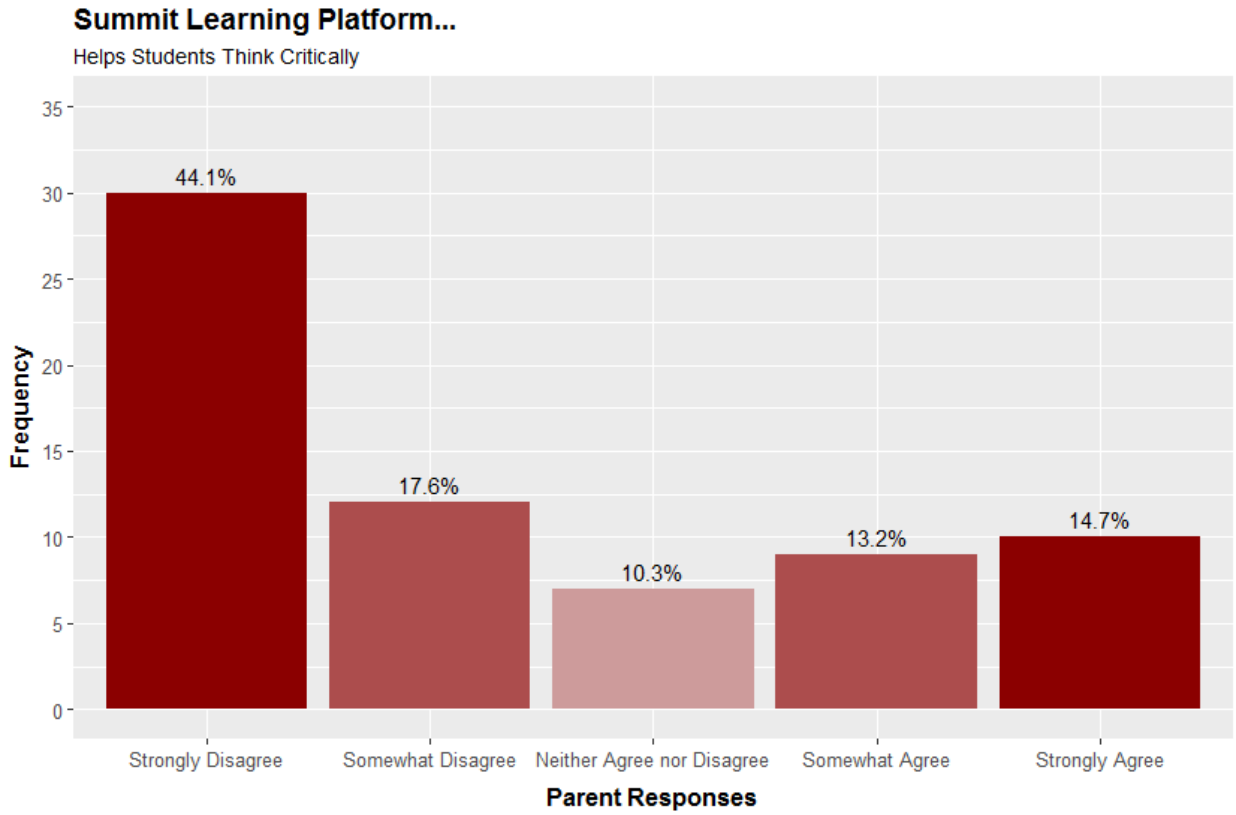


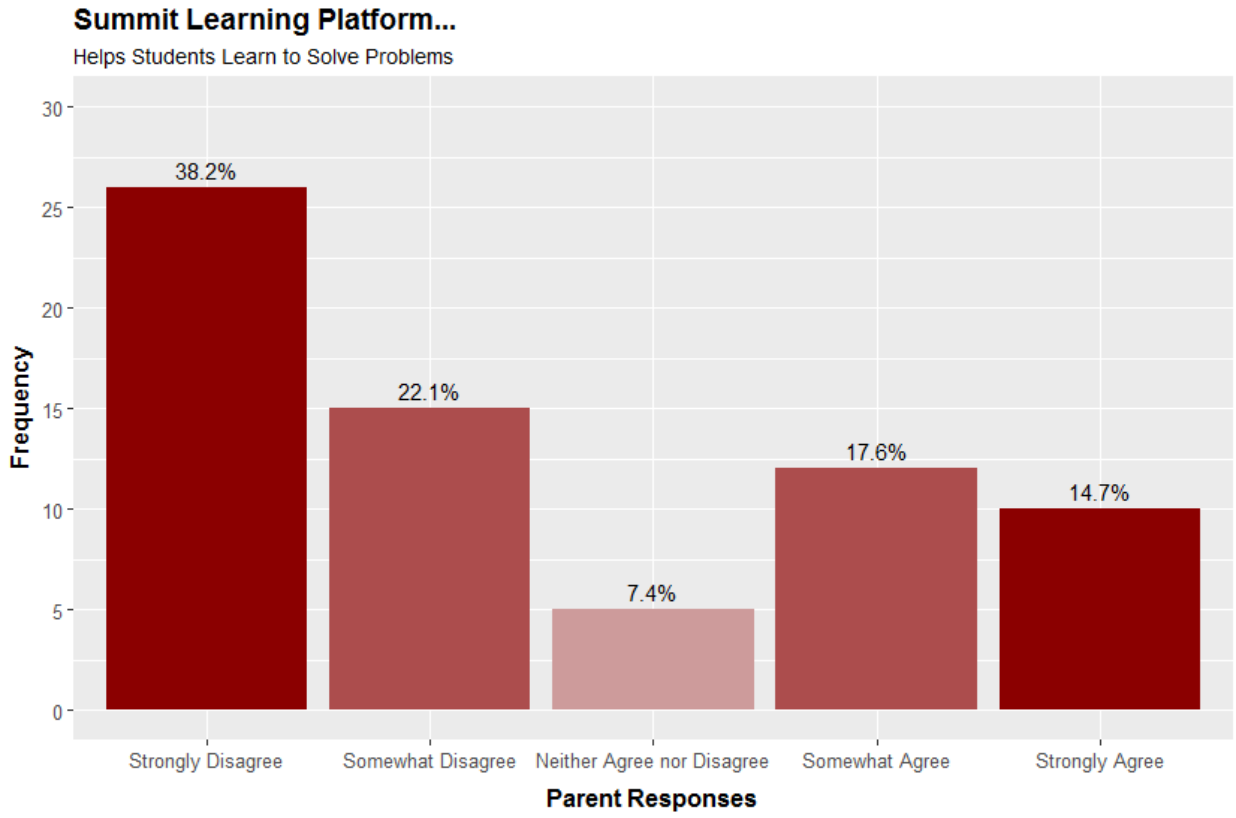


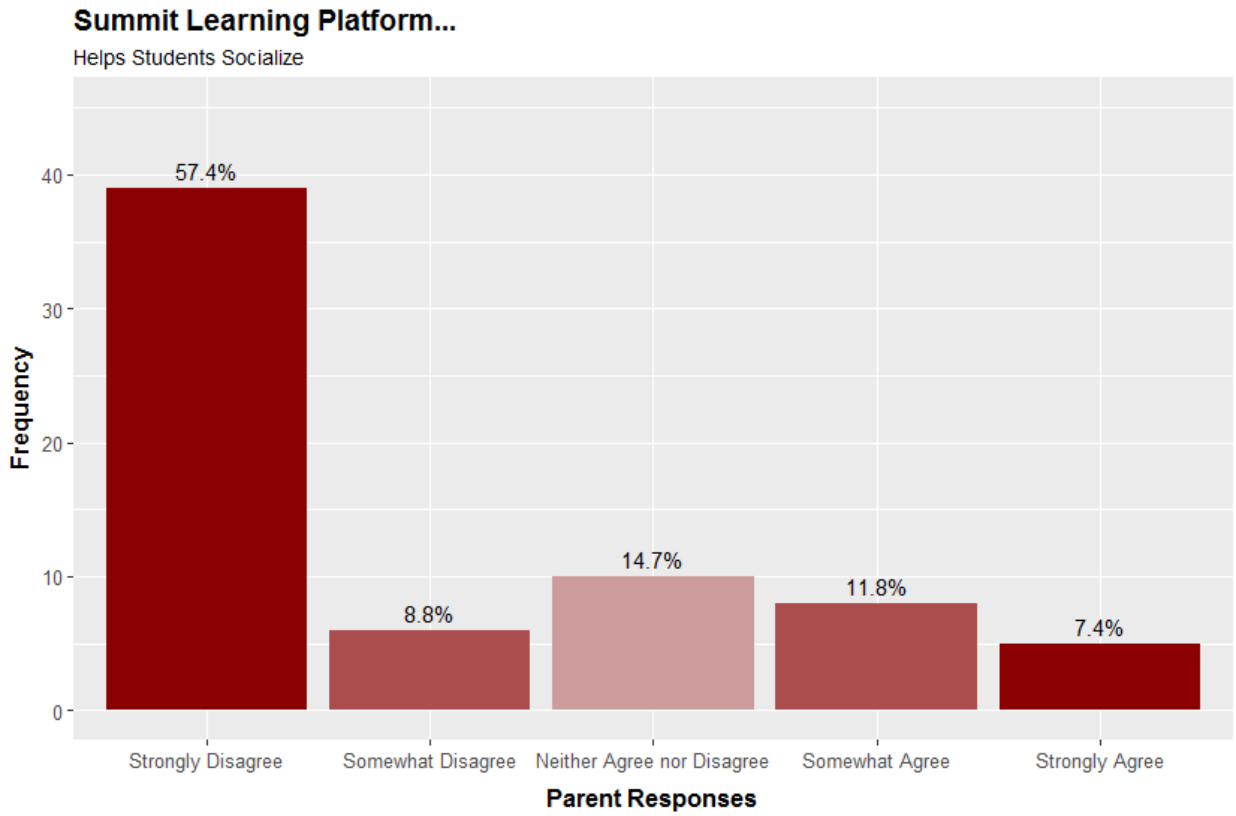

Summit Learning Platform...
Helps Students Learn
Frequency
35
30
25
20
15
10
5
0
47.1%
16.2%
8.8%
13.2%
14.7%
Strongly Disagree
Somewhat Disagree
Neither Agree nor Disagree
Somewhat Agree
Strongly Agree
Parent Responses

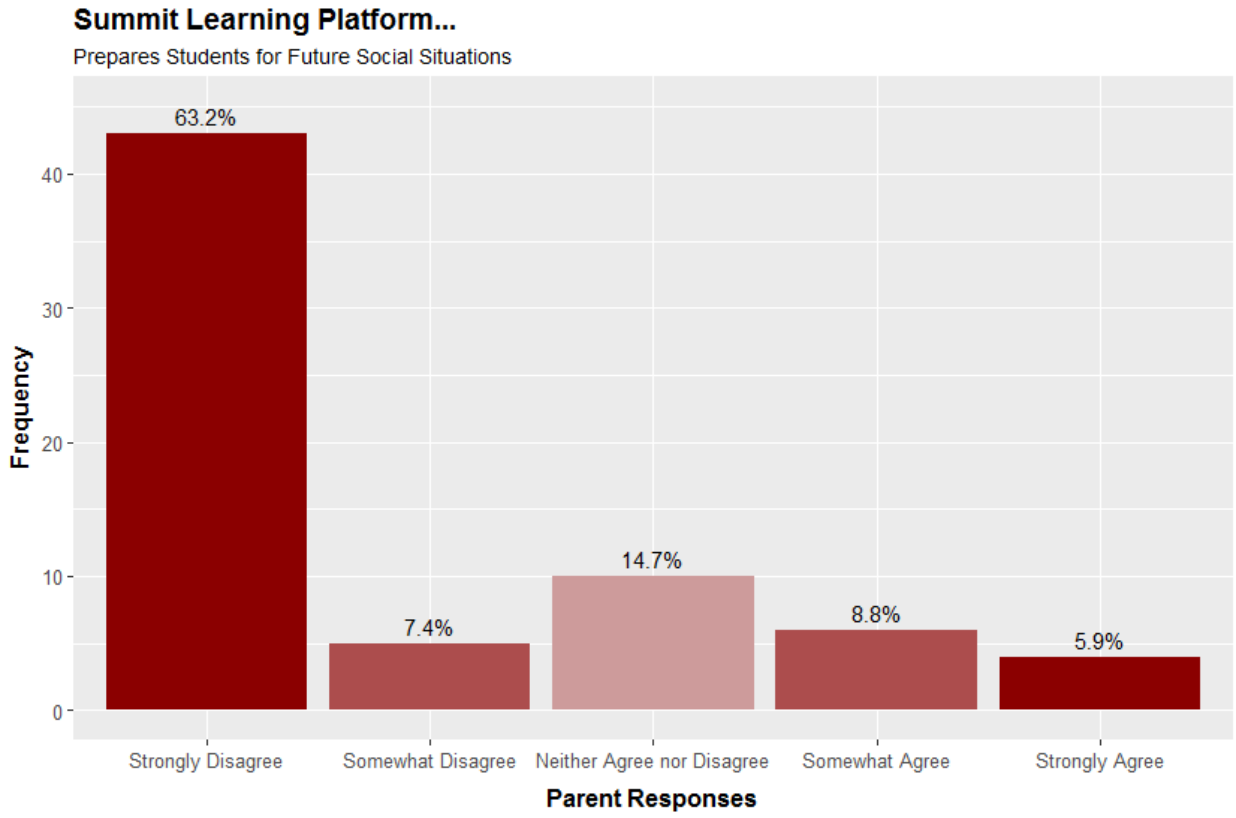

Summit Learning Platform...
Prepares Students for Future Education
Frequency
40
35
30
25
20
15
10
5
0
52.9%
16.2%
2.9%
13.2%
14.7%
Strongly Disagree
Somewhat Disagree
Neither Agree nor Disagree
Somewhat Agree
Strongly Agree
Parent Responses

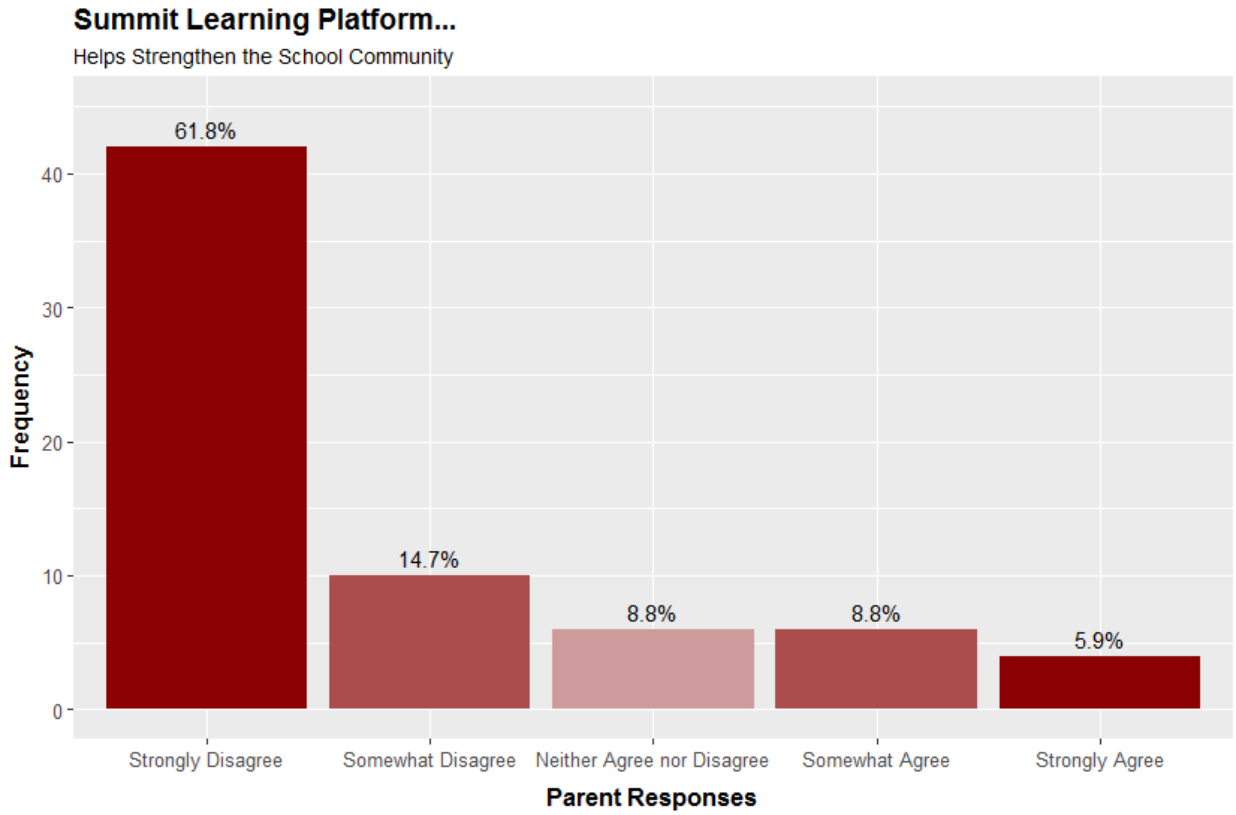

Summit Learning Platform...
Prepares Students for Future Careers
Frequency
40
35
30
25
20
15
10
5
0
54.4%
14.7%
10.3%
5.9%
14.7%
Strongly Disagree
Somewhat Disagree
Neither Agree nor Disagree
Somewhat Agree
Strongly Agree
Parent Responses


Summit Learning Platform...
Helps Students Think Critically
Frequency
35
30
25
20
15
10
5
0
44.1%
17.6%
10.3%
13.2%
14.7%
Strongly Disagree
Somewhat Disagree
Neither Agree nor Disagree
Somewhat Agree
Strongly Agree
Parent Responses


Summit Learning Platform...
Helps Students Learn to Solve Problems
Frequency
30
25
20
15
10
5
0
38.2%
22.1%
7.4%
17.6%
14.7%
Strongly Disagree
Somewhat Disagree
Neither Agree nor Disagree
Somewhat Agree
Strongly Agree
Parent Responses


Summit Learning Platform...
Helps Students Socialize
Frequency
40
30
20
10
0
57.4%
8.8%
14.7%
11.8%
7.4%
Strongly Disagree
Somewhat Disagree
Neither Agree nor Disagree
Somewhat Agree
Strongly Agree
Parent Responses


Summit Learning Platform...
Prepares Students for Future Social Situations
63.2%
7.4%
14.7%
8.8%
5.9%
Frequency
0
10
20
30
40
Strongly Disagree
Somewhat Disagree
Neither Agree nor Disagree
Somewhat Agree
Strongly Agree
Parent Responses


Summit Learning Platform...
Helps Strengthen the School Community
61.8%
14.7%
8.8%
8.8%
5.9%
Frequency
0
10
20
30
40
Strongly Disagree
Somewhat Disagree
Neither Agree nor Disagree
Somewhat Agree
Strongly Agree
Parent Responses

Future Use of SLP

SLP should be used by all students next year

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	SLP should be used for all subjects	14	20.6	100.0	100.0
Missing	System	54	79.4		
Total		68	100.0		

SLP should be used for some subjects

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	SLP should be used only for major subjects	3	4.4	100.0	100.0
Missing	System	65	95.6		
Total		68	100.0		

SLP should be used for students who want to use it

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	SLP should be used by students who want to use it	10	14.7	100.0	100.0
Missing	System	58	85.3		
Total		68	100.0		

SLP should be used along with other teaching methods

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	SLP should be used, but along with other methods	15	22.1	100.0	100.0
Missing	System	53	77.9		
Total		68	100.0		

SLP should not be used at all

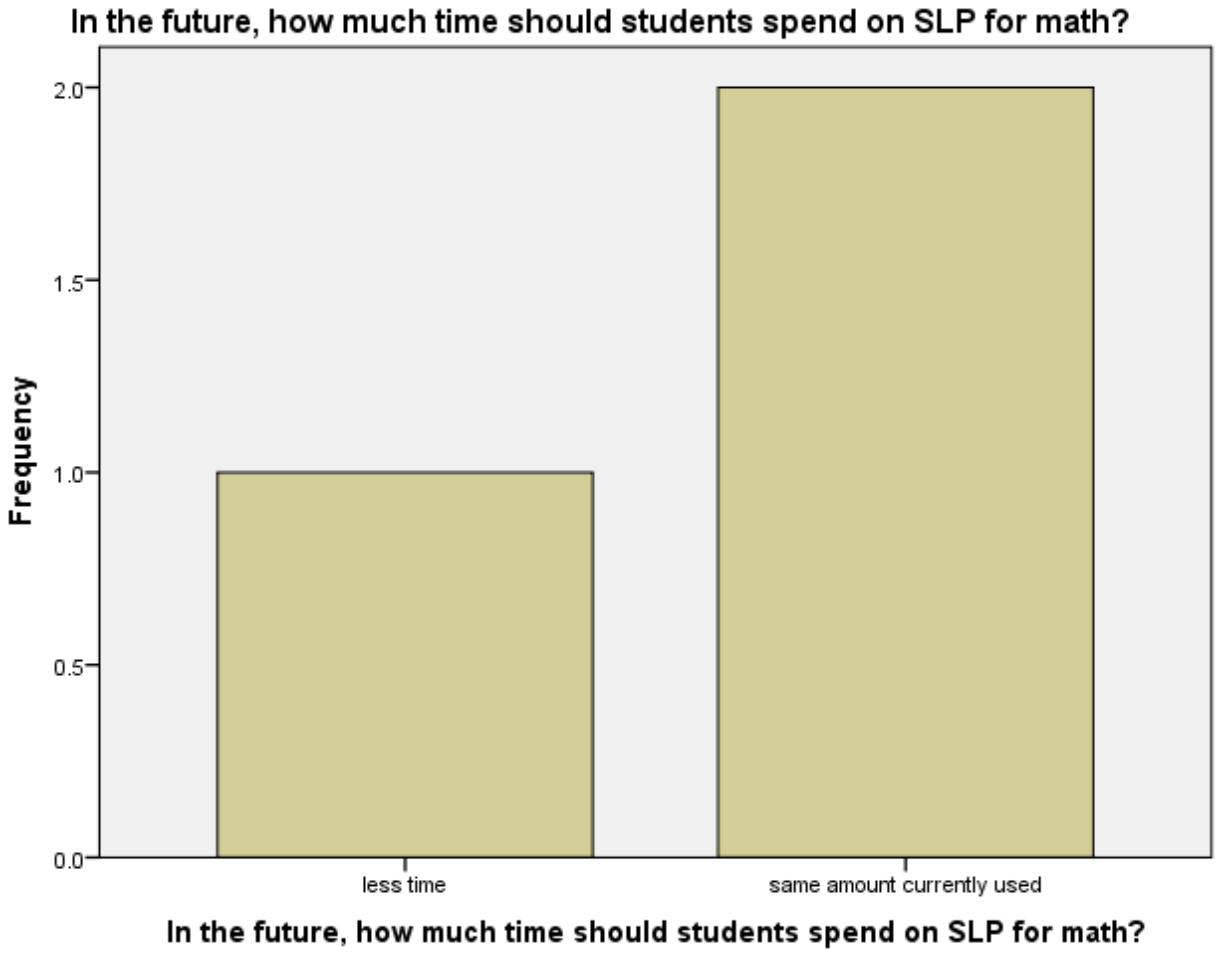
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	SLP should not be used at all	39	57.4	100.0	100.0
Missing	System	29	42.6		
Total		68	100.0		

In the future, how much time should students spend on SLP for language arts?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	less time	2	2.9	100.0	100.0
Missing	System	66	97.1		
Total		68	100.0		

In the future, how much time should students spend on SLP for math?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	less time	1	1.5	33.3	33.3
	same amount currently used	2	2.9	66.7	100.0
	Total	3	4.4	100.0	
Missing	System	65	95.6		
Total		68	100.0		

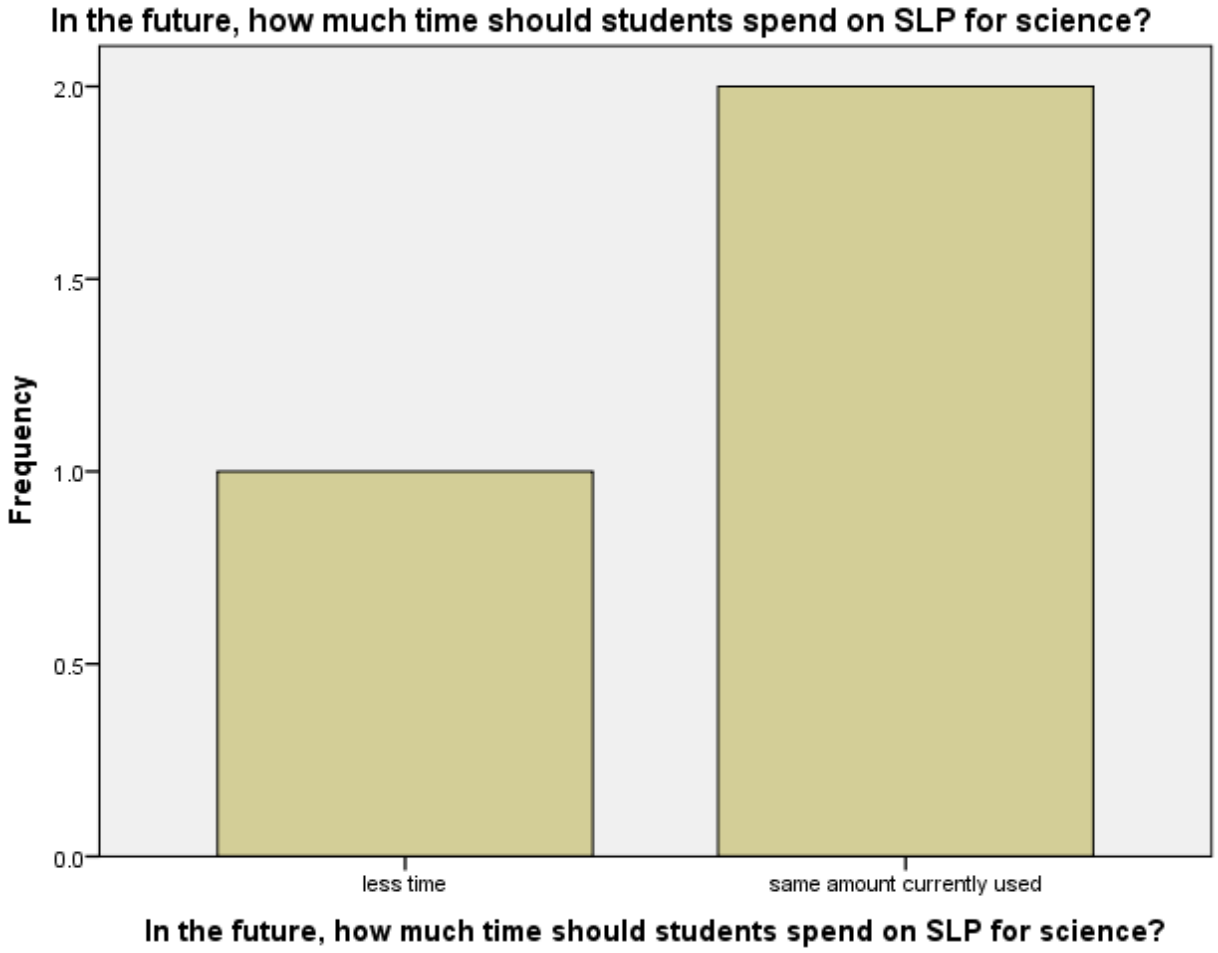


In the future, how much time should students spend on SLP for social studies?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	same amount currently used	3	4.4	100.0	100.0
Missing	System	65	95.6		
Total		68	100.0		

In the future, how much time should students spend on SLP for science?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	less time	1	1.5	33.3	33.3
	same amount currently used	2	2.9	66.7	100.0
	Total	3	4.4	100.0	
Missing	System	65	95.6		
Total		68	100.0		



Number of participants who were glad about the scale back of SLP

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	27	39.7	100.0	100.0
Missing	System	41	60.3		
Total		68	100.0		

Number of participants who were sad about the scale back of SLP

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	10	14.7	100.0	100.0
Missing	System	58	85.3		
Total		68	100.0		

Number of participants who were upset about the scale back of SLP

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	10	14.7	100.0	100.0
Missing	System	58	85.3		
Total		68	100.0		

Number of participants who were excited about the scale back of SLP

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	11	16.2	100.0	100.0
Missing	System	57	83.8		
Total		68	100.0		

Number of participants who were worried about the scale back of SLP

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	11	16.2	100.0	100.0
Missing	System	57	83.8		
Total		68	100.0		

Number of participants who were optimistic about the scale back of SLP

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	25	36.8	100.0	100.0
Missing	System	43	63.2		
Total		68	100.0		

Number of participants who were relieved about the scale back of SLP

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	37	54.4	100.0	100.0
Missing	System	31	45.6		
Total		68	100.0		

Number of participants who were concerned about the scale back of SLP

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	19	27.9	100.0	100.0
Missing	System	49	72.1		
Total		68	100.0		

Number of participants who were anxious about the scale back of SLP

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	7	10.3	100.0	100.0
Missing	System	61	89.7		
Total		68	100.0		

Number of participants who were calm about the scale back of SLP

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	2	2.9	100.0	100.0
Missing	System	66	97.1		
Total		68	100.0		

Number of participants who were uninterested about the scale back of SLP

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	1	1.5	100.0	100.0
Missing	System	67	98.5		
Total		68	100.0		

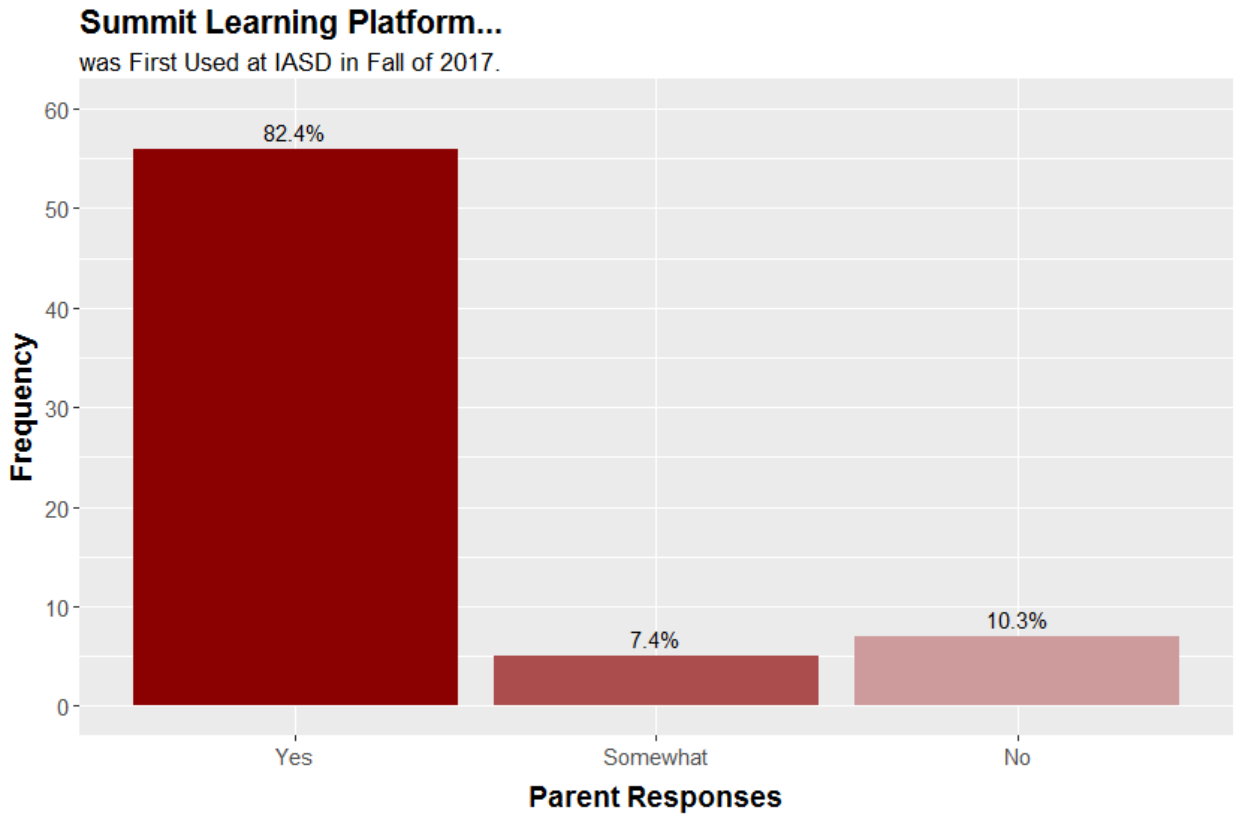
Number of participants who were angry about the scale back of SLP

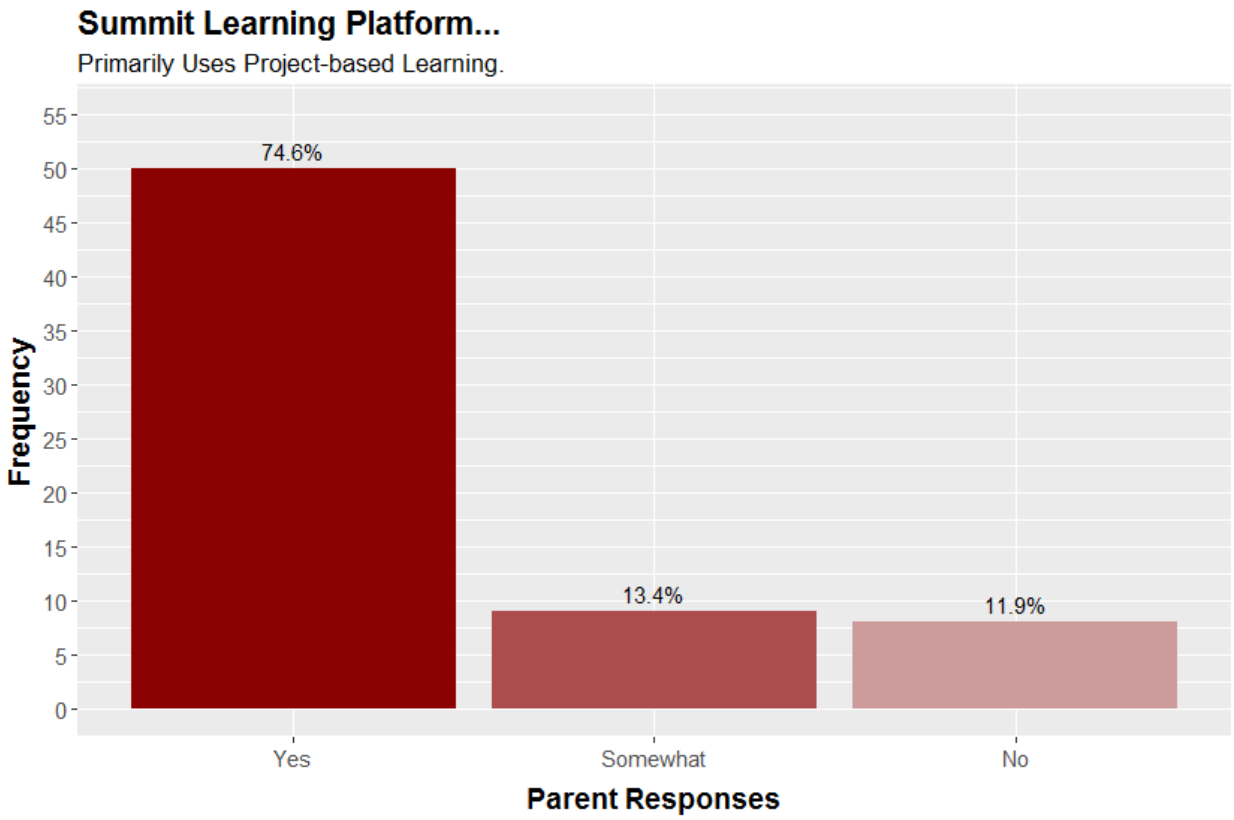
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	4	5.9	100.0	100.0
Missing	System	64	94.1		
Total		68	100.0		

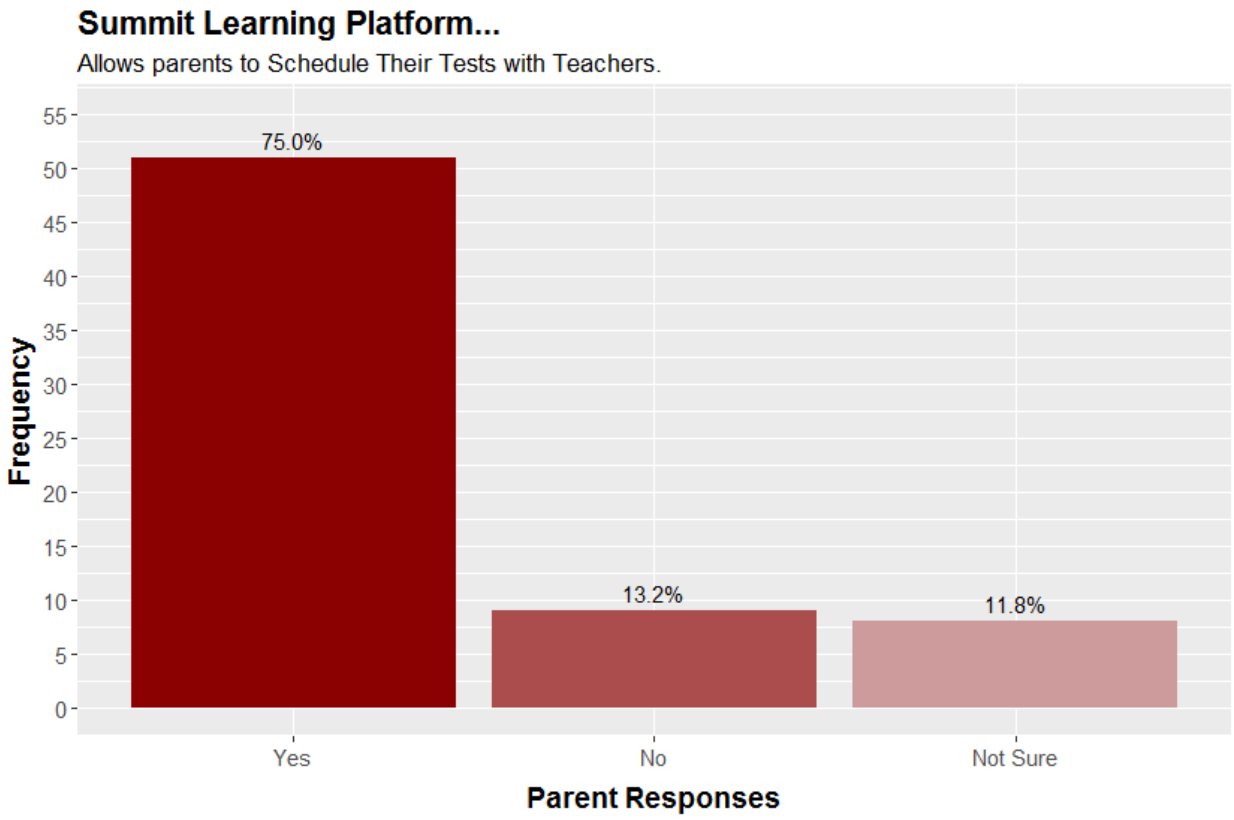
Number of participants who didn't know how they felt about the scale back of SLP

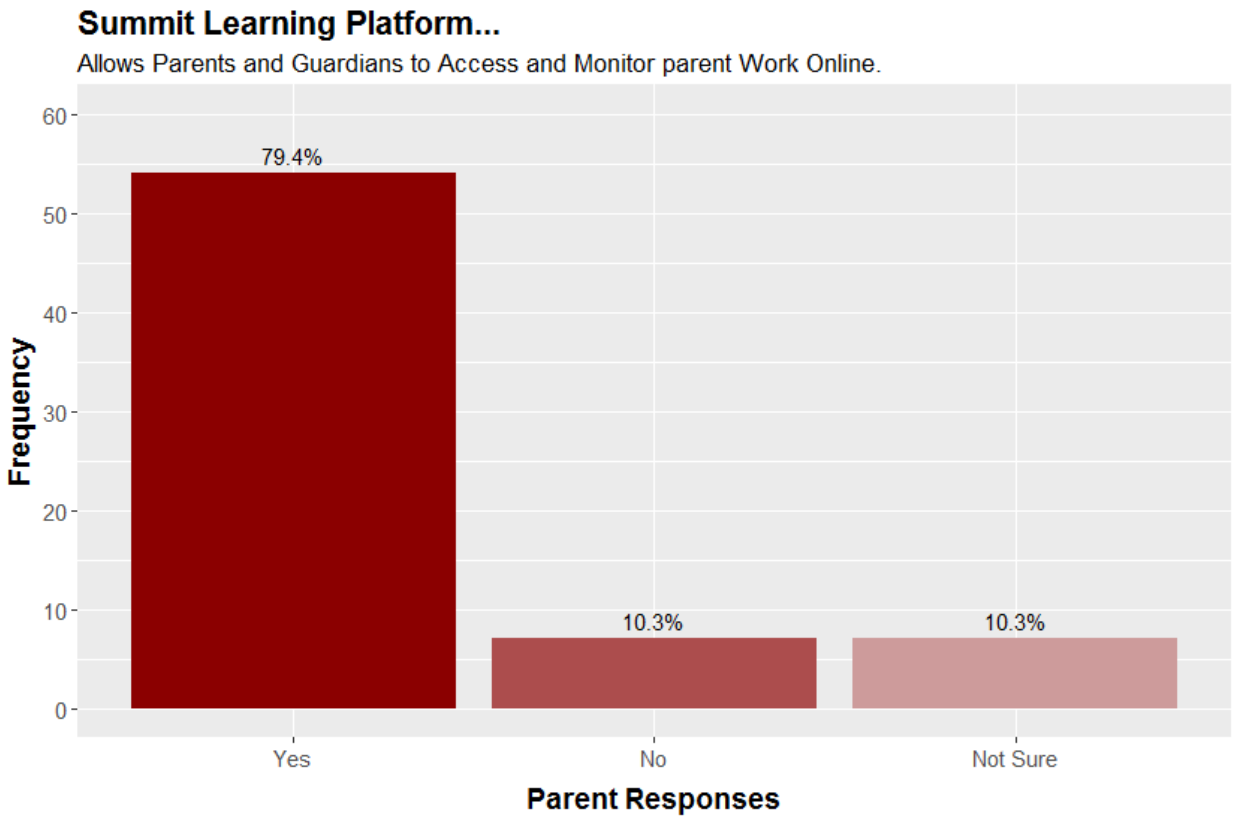
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	1	1.5	100.0	100.0
Missing	System	67	98.5		
Total		68	100.0		

Knowledge of SLP

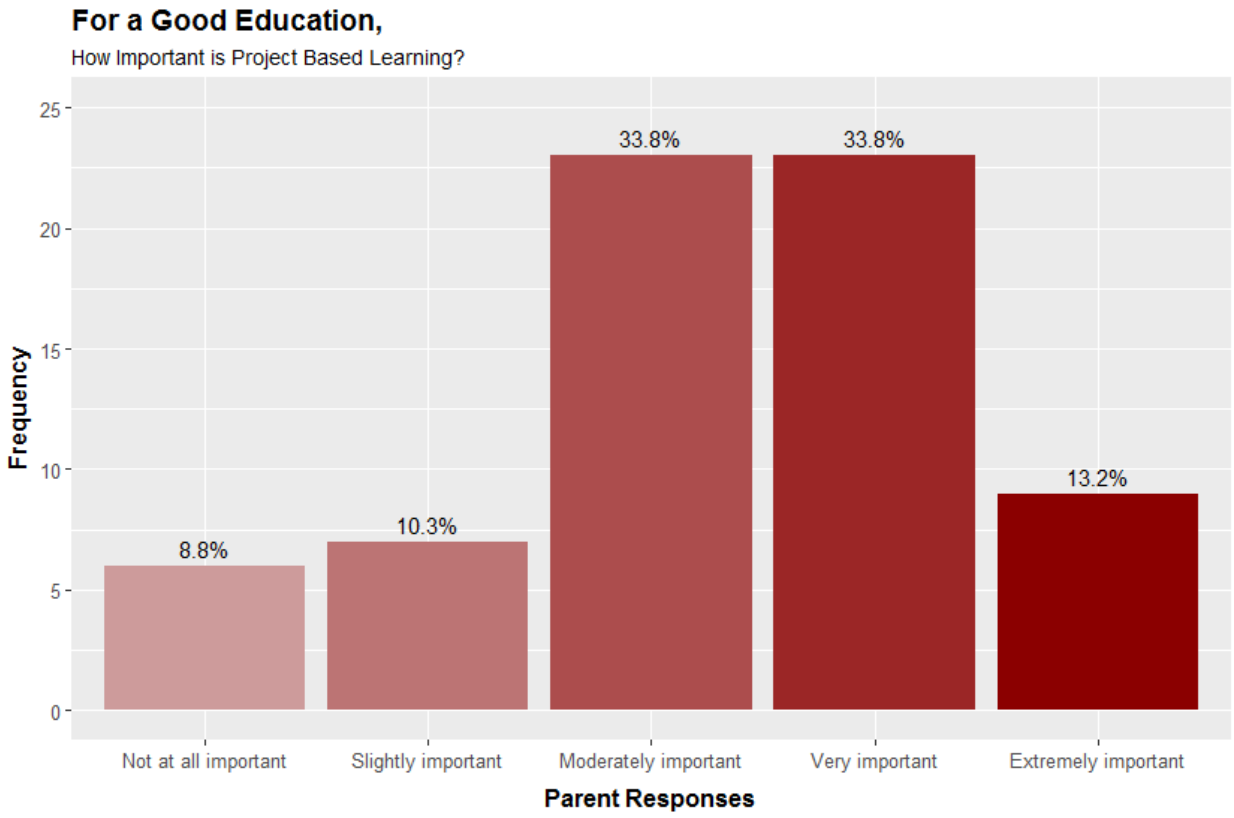


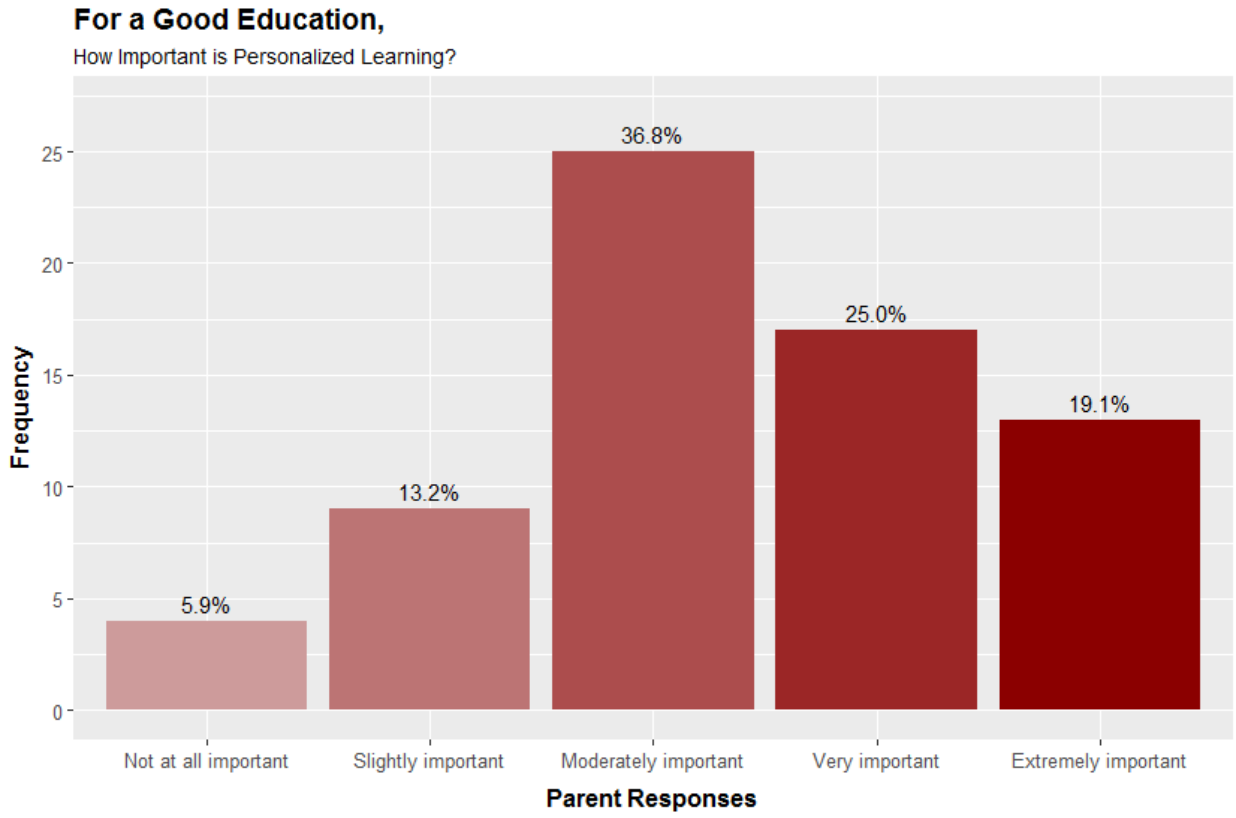

Summit Learning Platform...
Primarily Uses Project-based Learning.
Frequency
55
50
45
40
35
30
25
20
15
10
5
0
74.6%
13.4%
11.9%
Yes
Somewhat
No
Parent Responses

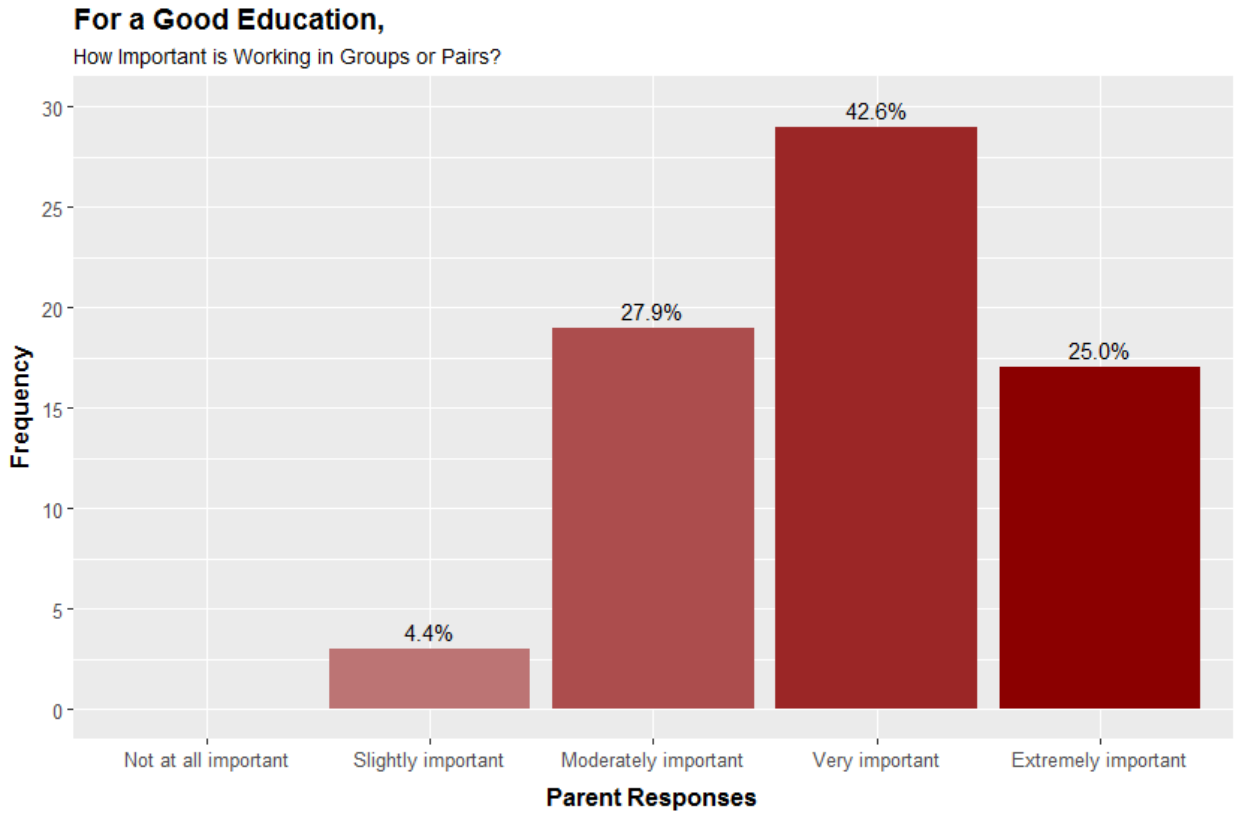

Summit Learning Platform...
Allows parents to Schedule Their Tests with Teachers.
Frequency
55
50
45
40
35
30
25
20
15
10
5
0
75.0%
13.2%
11.8%
Yes
No
Not Sure
Parent Responses

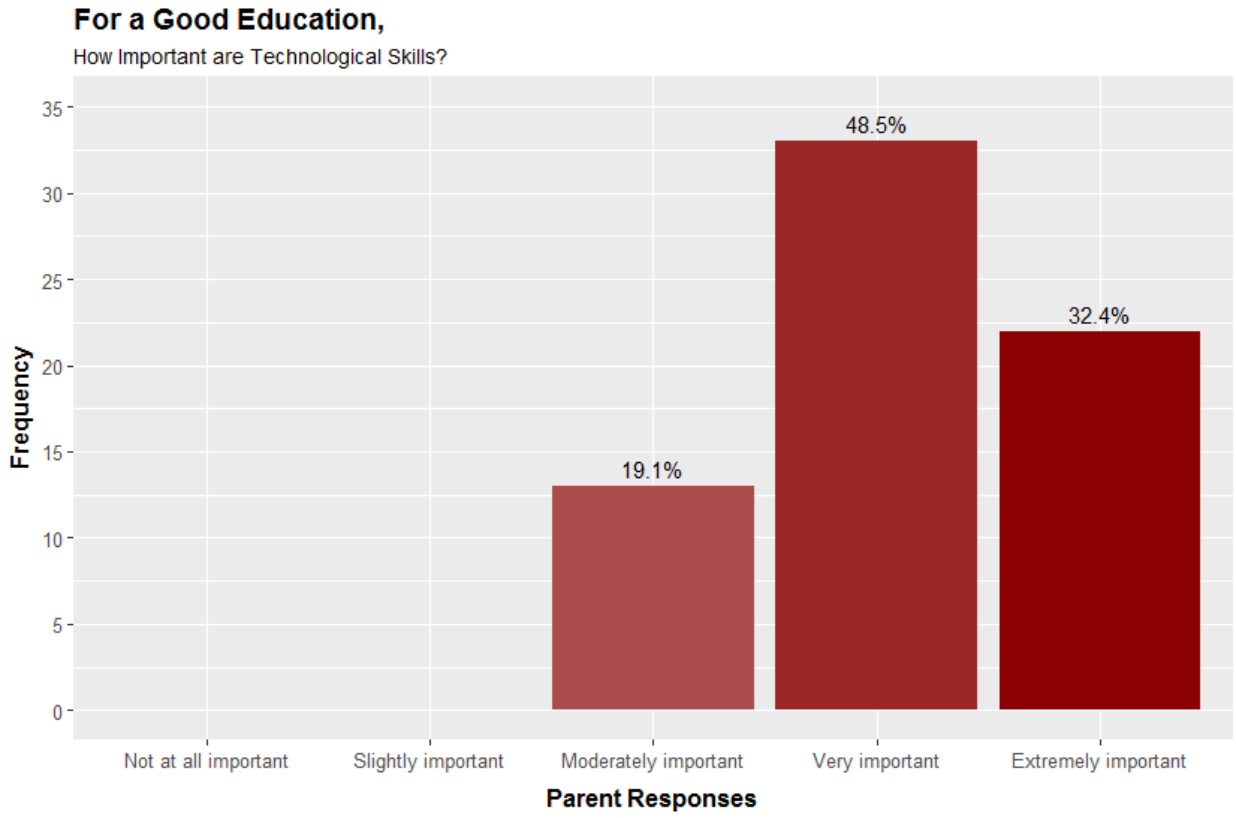

Summit Learning Platform...
Allows Parents and Guardians to Access and Monitor parent Work Online.
Frequency
60
50
40
30
20
10
0
79.4%
10.3%
10.3%
Yes
No
Not Sure
Parent Responses

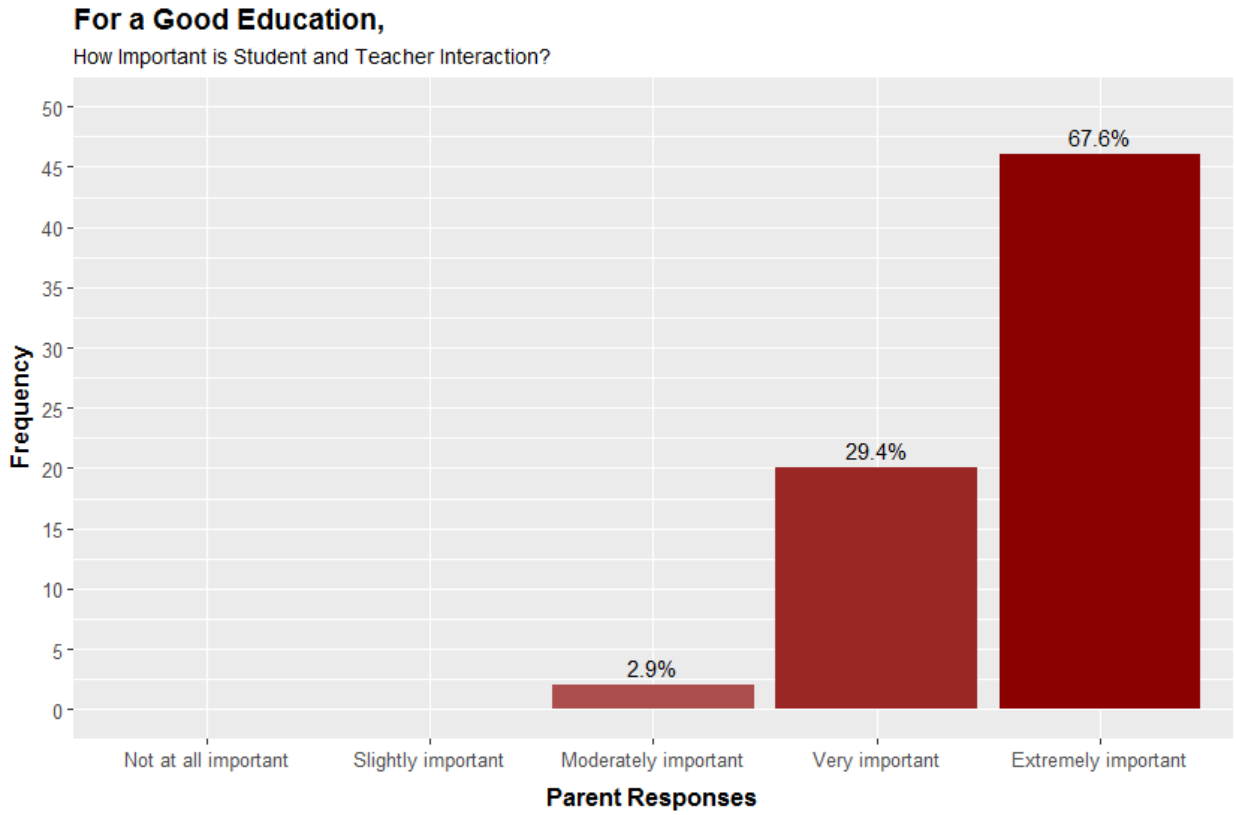
Educational Values

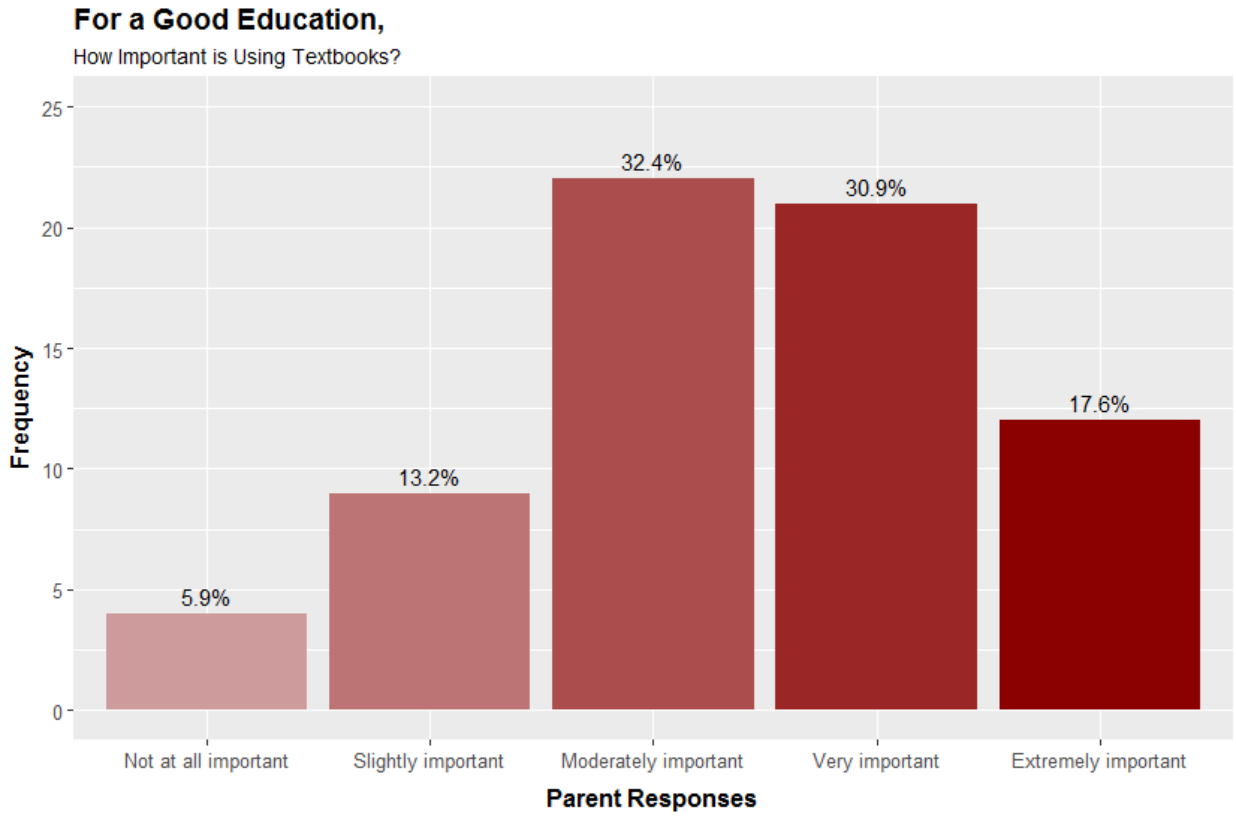


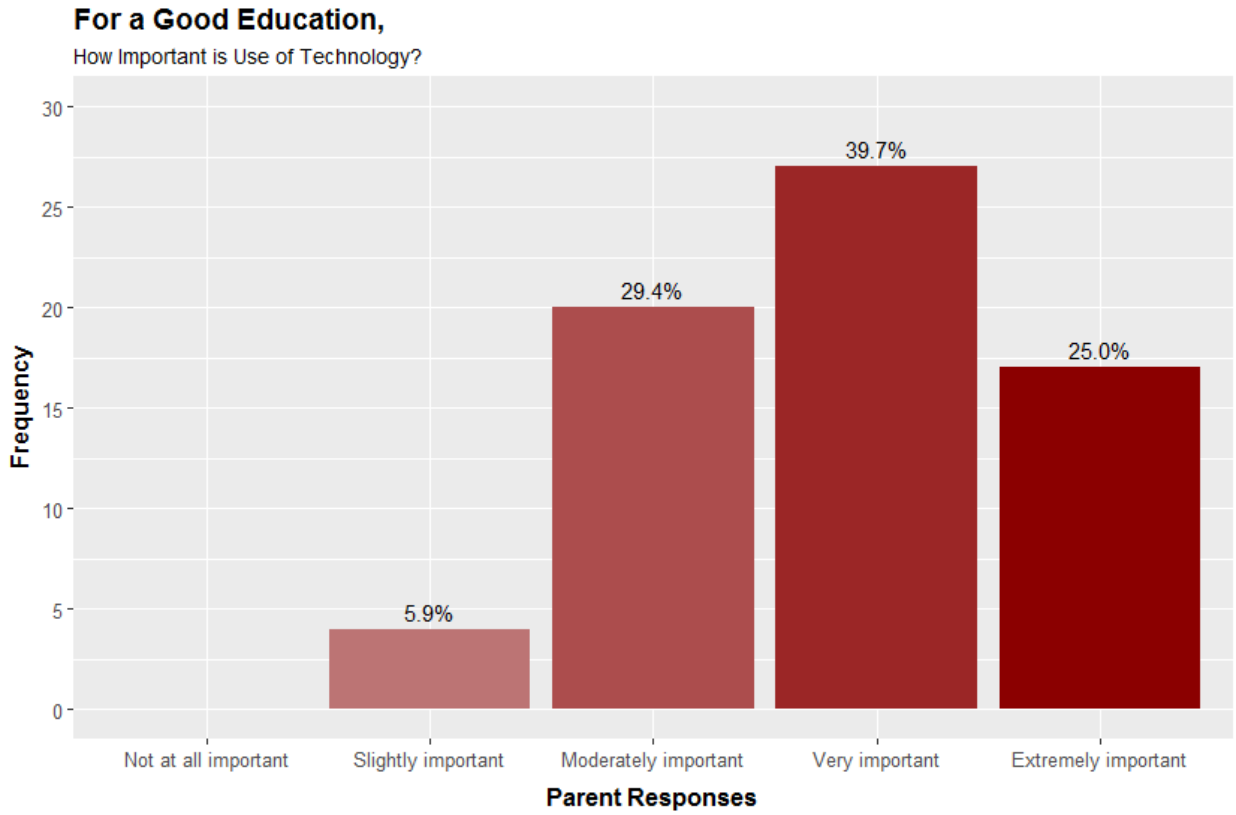

For a Good Education,
How Important is Personalized Learning?
Frequency
0
5
10
15
20
25
5.9%
13.2%
36.8%
25.0%
19.1%
Not at all important
Slightly important
Moderately important
Very important
Extremely important
Parent Responses

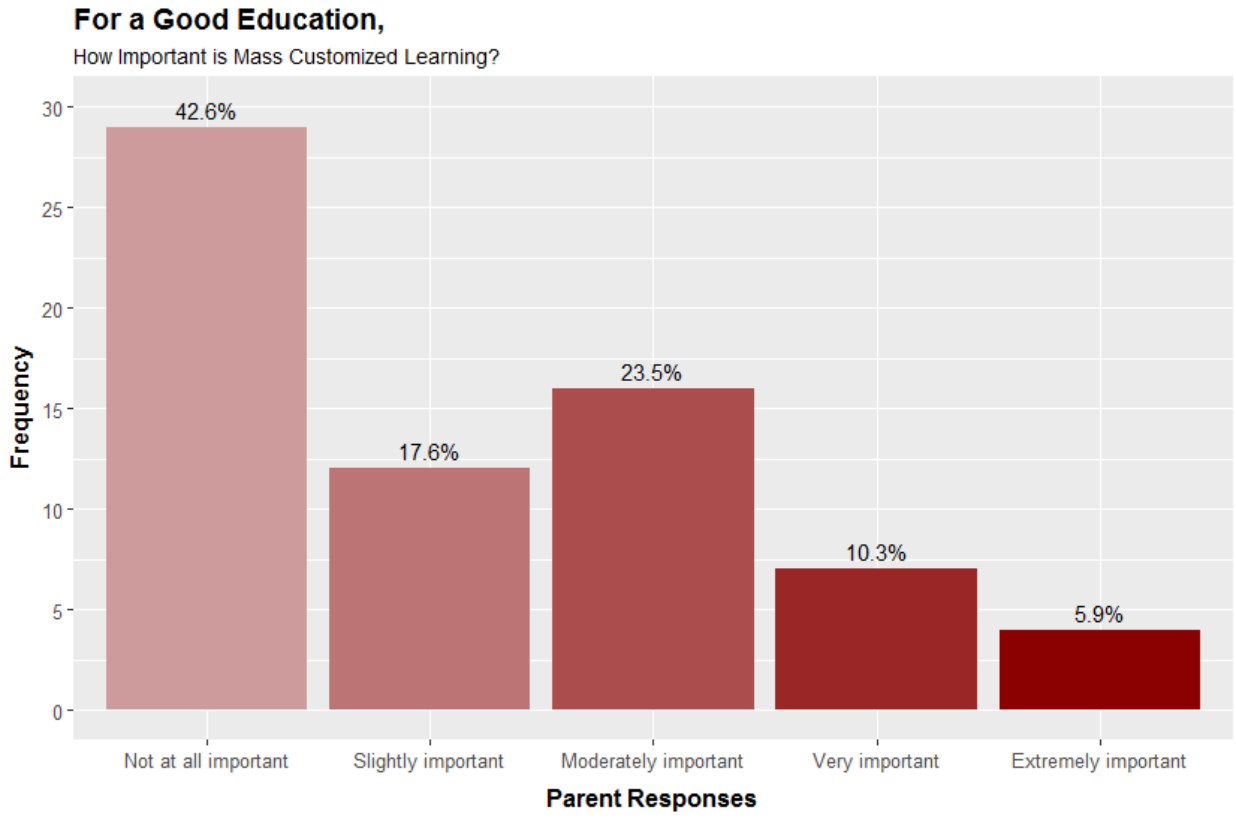

For a Good Education,
How Important is Working in Groups or Pairs?
Frequency
0
5
10
15
20
25
30
4.4%
27.9%
42.6%
25.0%
Not at all important
Slightly important
Moderately important
Very important
Extremely important
Parent Responses

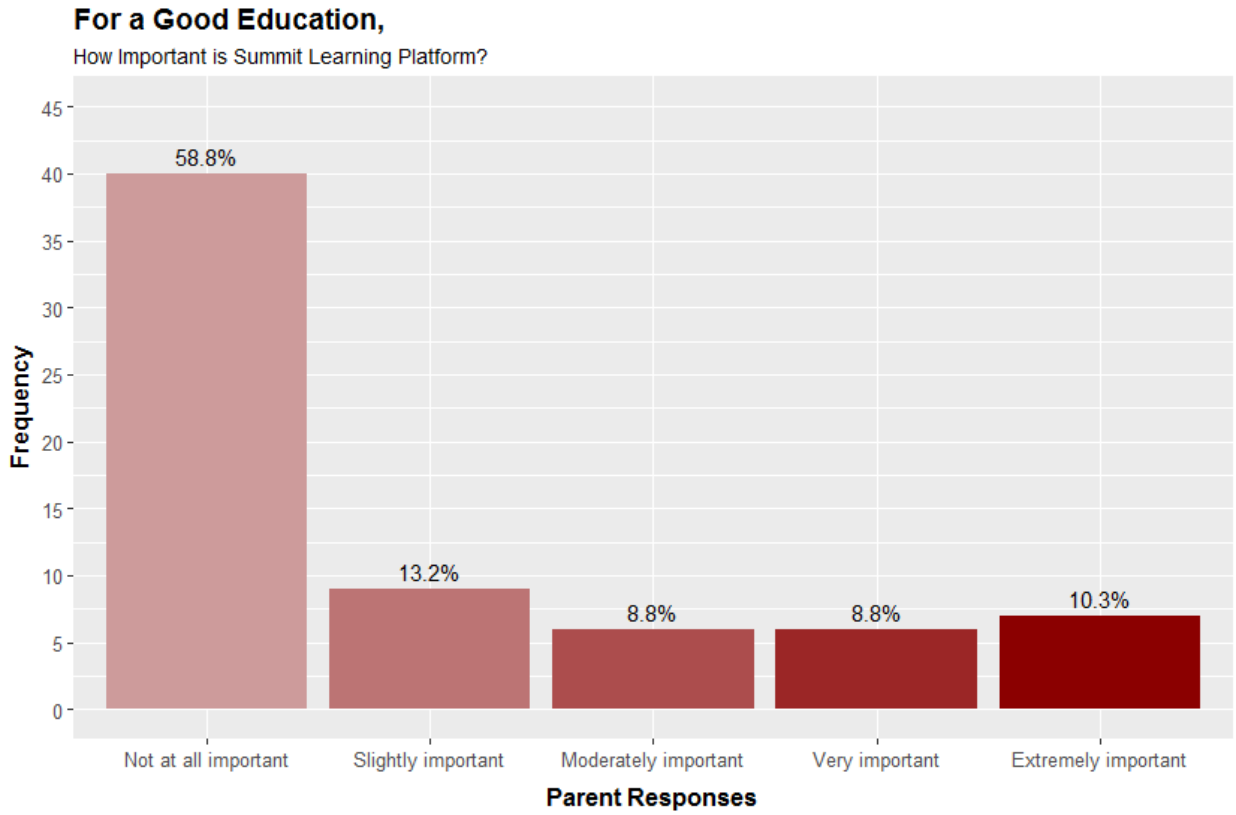

For a Good Education,
How Important are Technological Skills?
Frequency
35
30
25
20
15
10
5
0
48.5%
32.4%
19.1%
Not at all important
Slightly important
Moderately important
Very important
Extremely important
Parent Responses

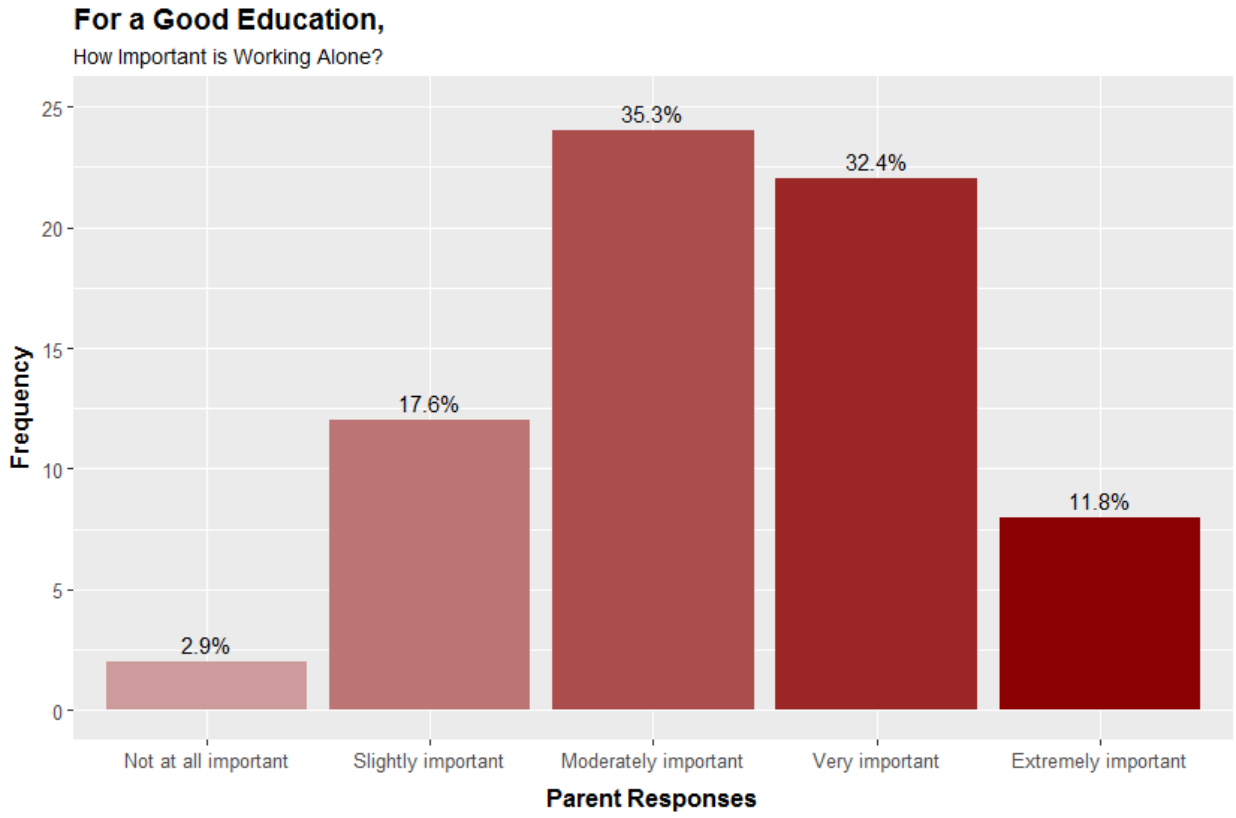

For a Good Education,
How Important is Student and Teacher Interaction?
Frequency
50
45
40
35
30
25
20
15
10
5
0
67.6%
29.4%
2.9%
Not at all important
Slightly important
Moderately important
Very important
Extremely important
Parent Responses

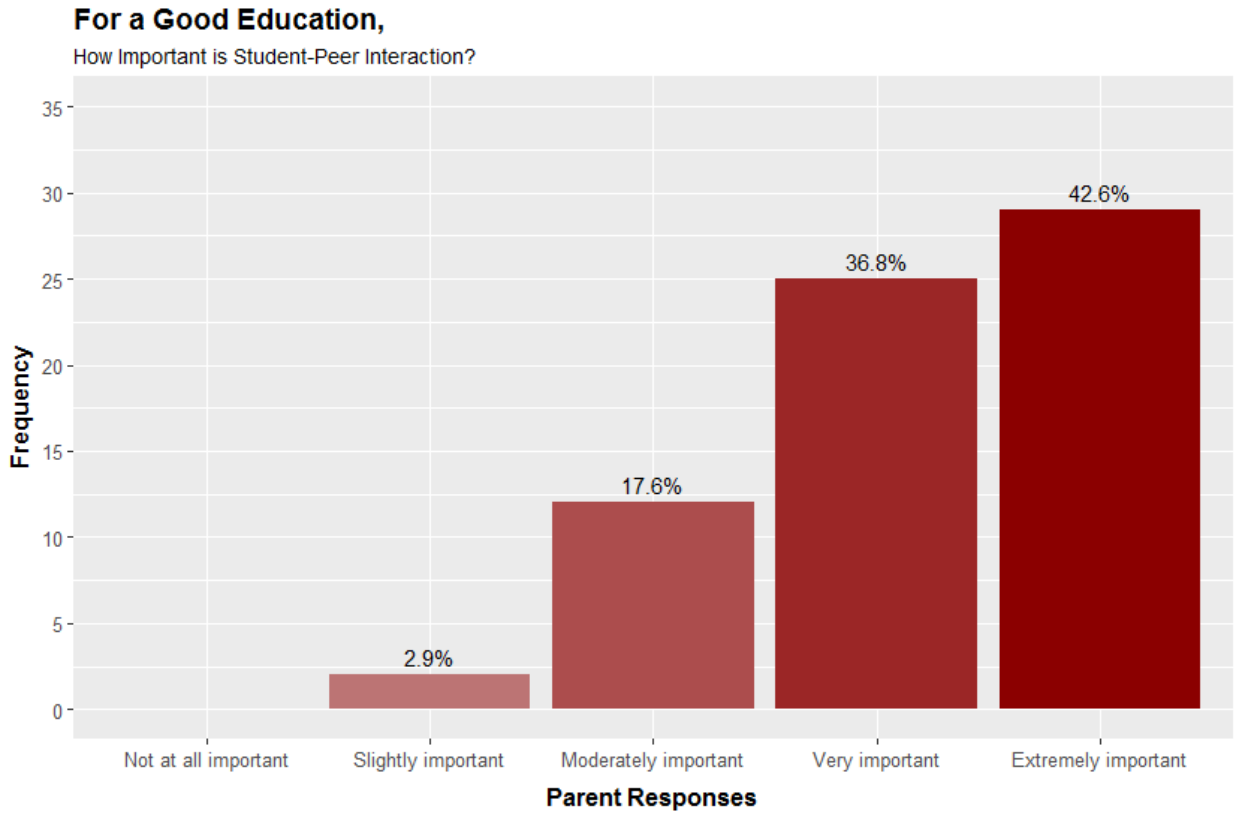

For a Good Education,
How Important is Using Textbooks?
Frequency
25
20
15
10
5
0
5.9%
13.2%
32.4%
30.9%
17.6%
Not at all important
Slightly important
Moderately important
Very important
Extremely important
Parent Responses

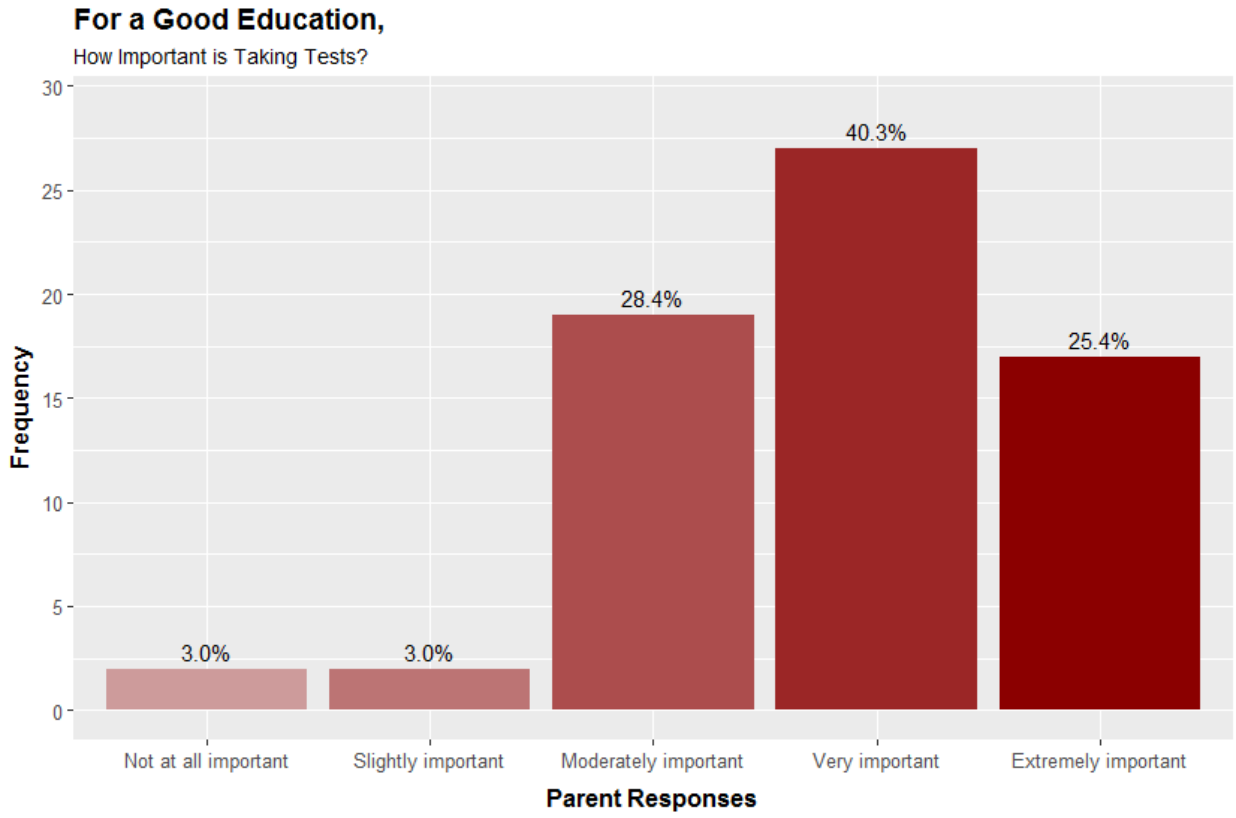

For a Good Education,
How Important is Use of Technology?
Frequency
30
25
20
15
10
5
0
5.9%
29.4%
39.7%
25.0%
Not at all important
Slightly important
Moderately important
Very important
Extremely important
Parent Responses

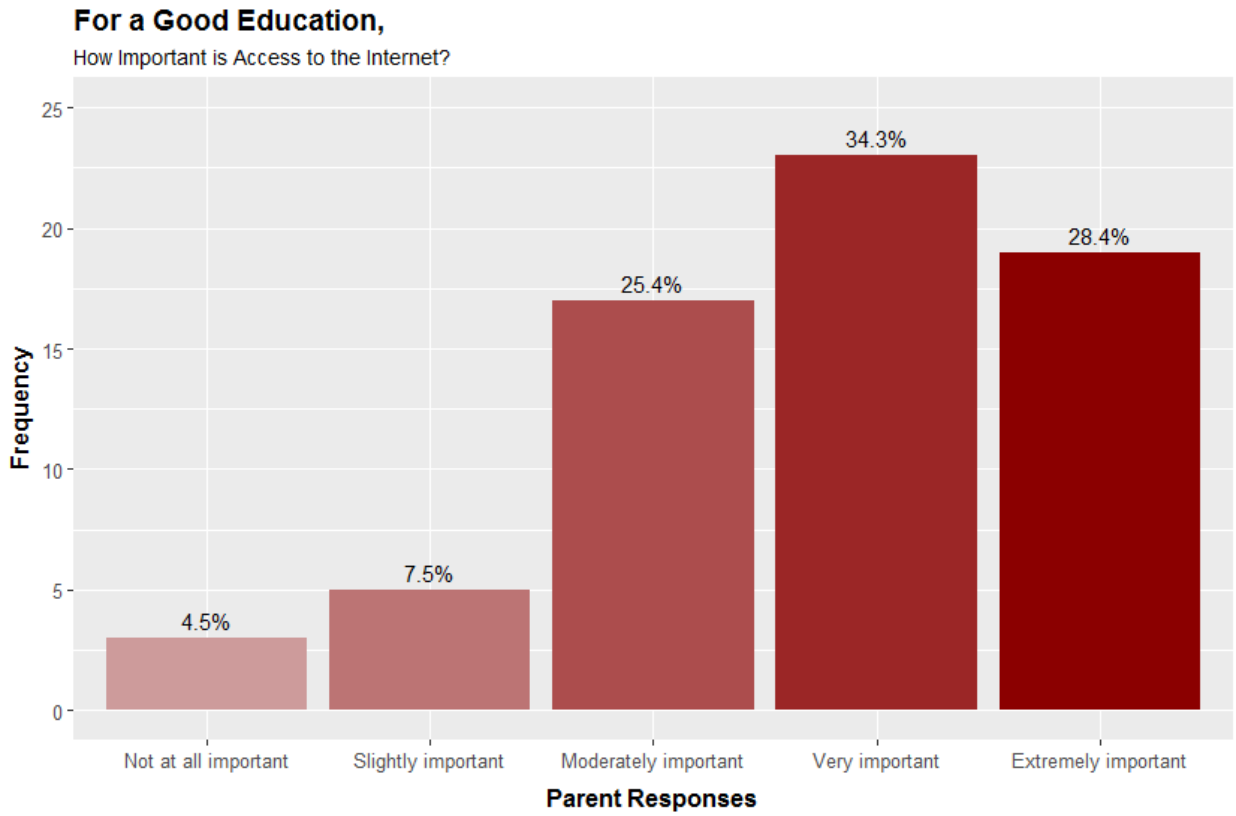

For a Good Education,
How Important is Mass Customized Learning?
Frequency
30
25
20
15
10
5
0
42.6%
17.6%
23.5%
10.3%
5.9%
Not at all important
Slightly important
Moderately important
Very important
Extremely important
Parent Responses

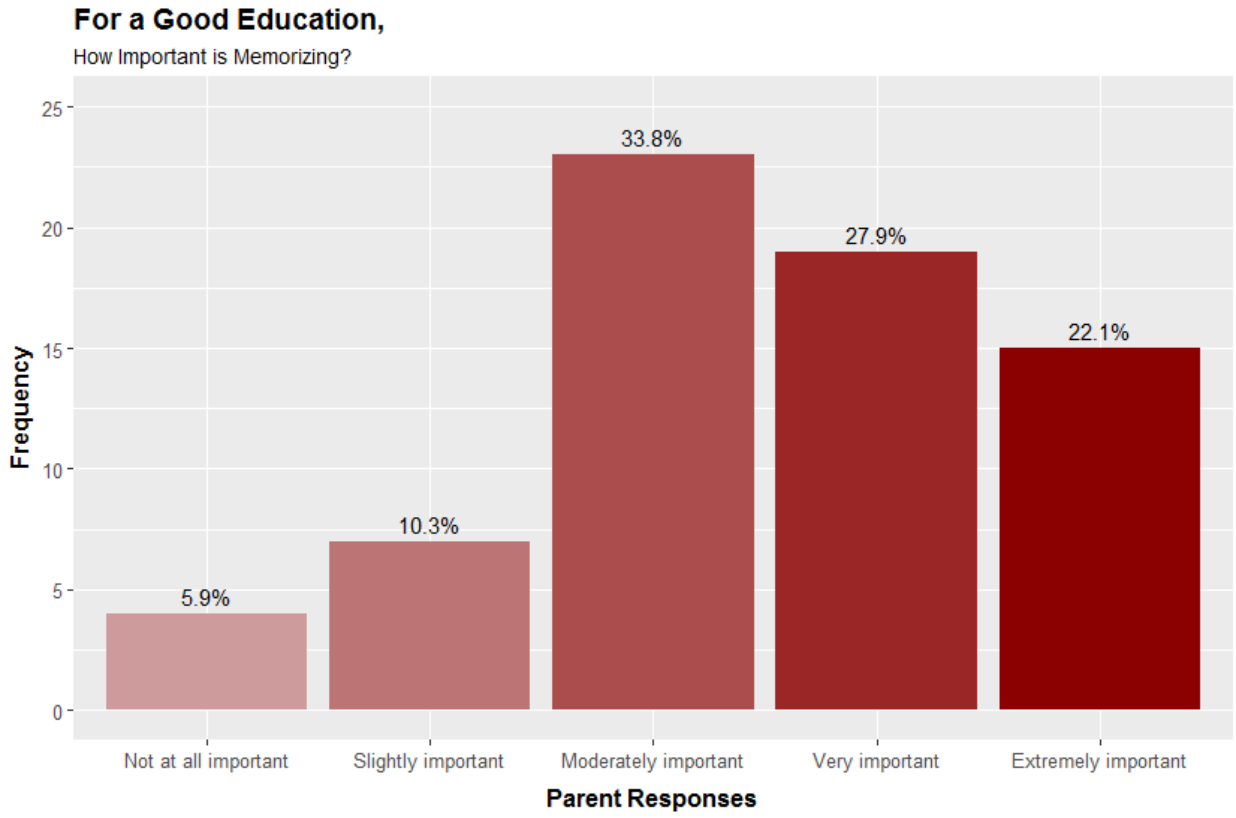

For a Good Education,
How Important is Summit Learning Platform?
Frequency
45
40
35
30
25
20
15
10
5
0
58.8%
13.2%
8.8%
8.8%
10.3%
Not at all important
Slightly important
Moderately important
Very important
Extremely important
Parent Responses

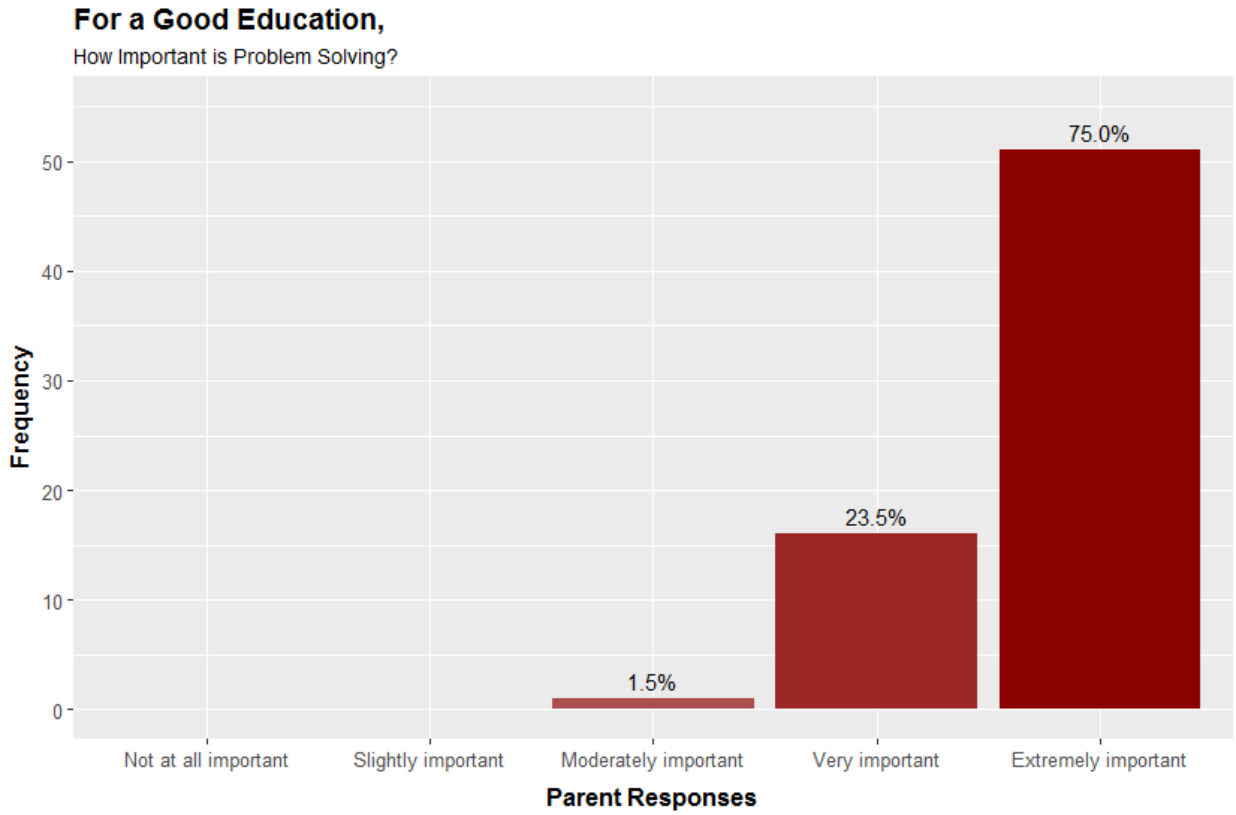

For a Good Education,
How Important is Working Alone?
Frequency
25
20
15
10
5
0
2.9%
17.6%
35.3%
32.4%
11.8%
Not at all important
Slightly important
Moderately important
Very important
Extremely important
Parent Responses

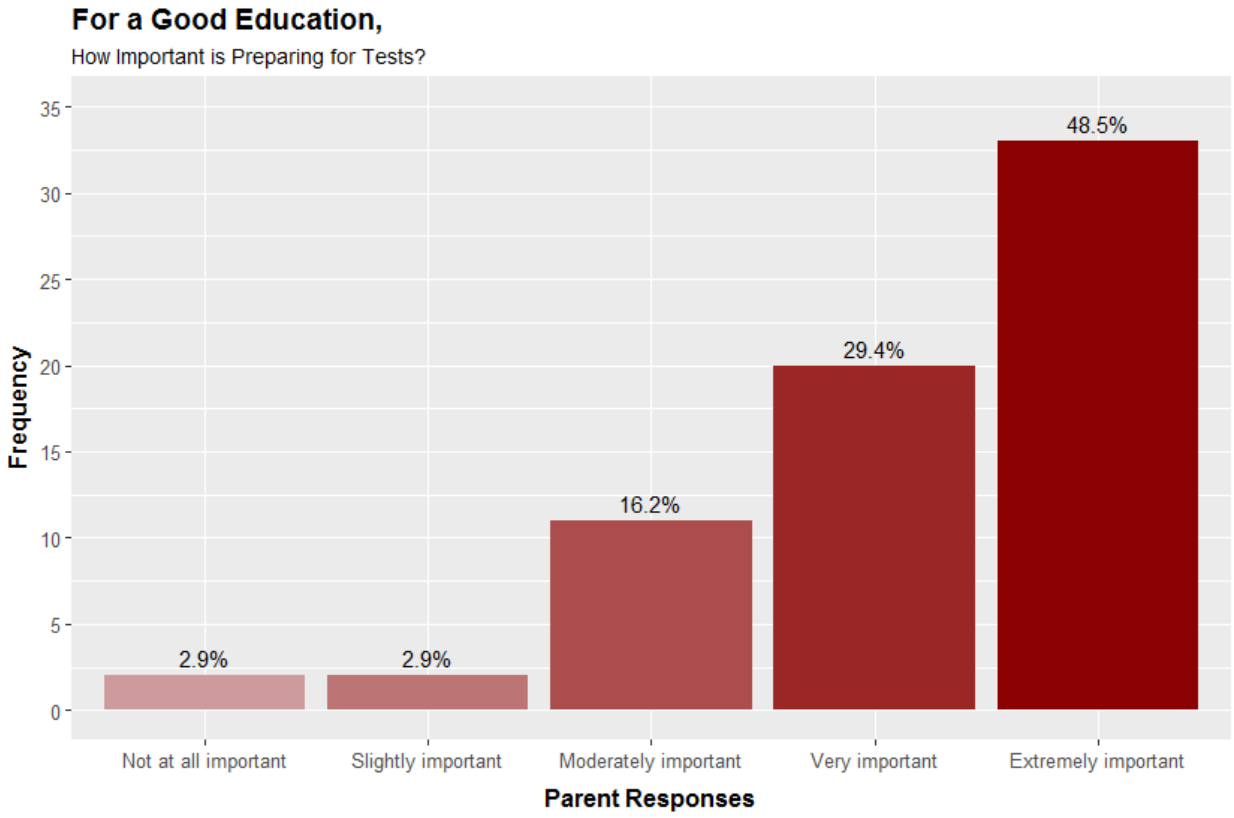

For a Good Education,
How Important is Student-Peer Interaction?
Frequency
35
30
25
20
15
10
5
0
2.9%
17.6%
36.8%
42.6%
Not at all important
Slightly important
Moderately important
Very important
Extremely important
Parent Responses

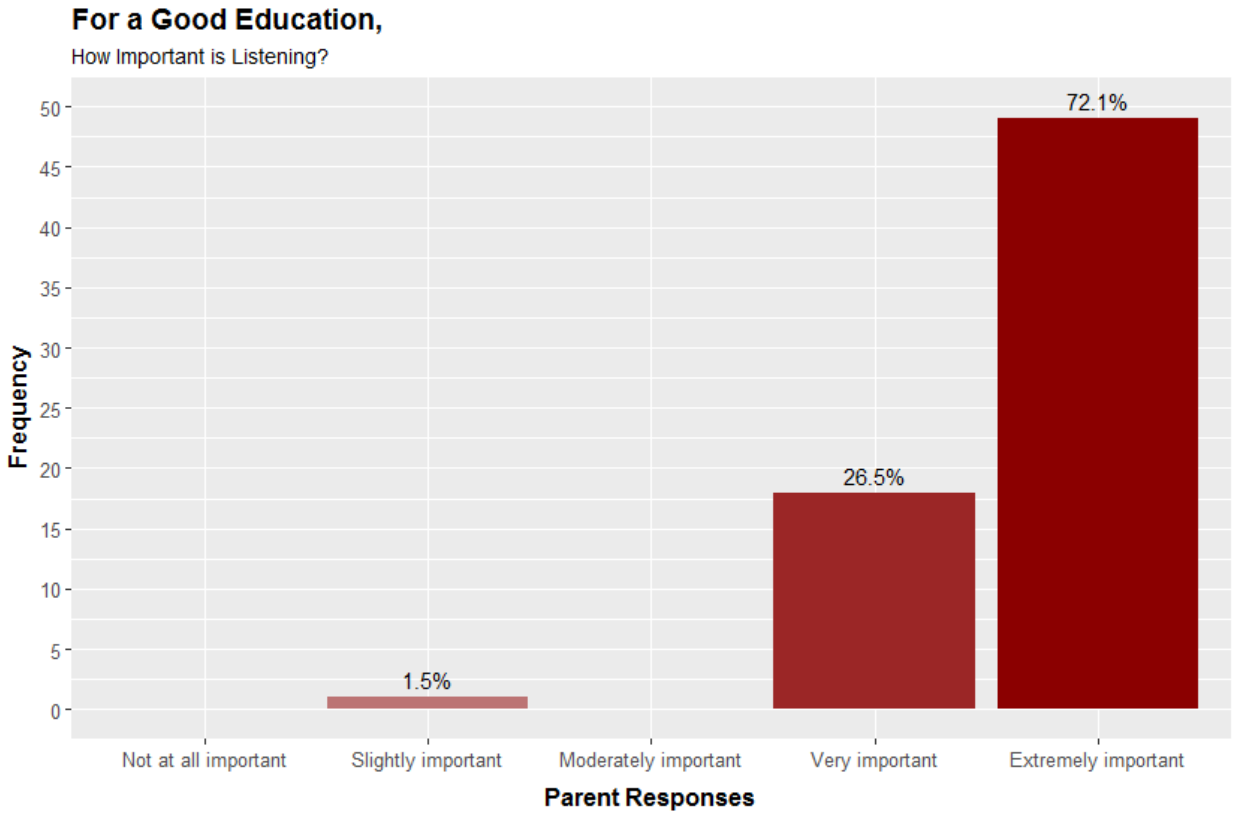

For a Good Education,
How Important is Taking Tests?
Frequency
30
25
20
15
10
5
0
3.0%
3.0%
28.4%
40.3%
25.4%
Not at all important
Slightly important
Moderately important
Very important
Extremely important
Parent Responses

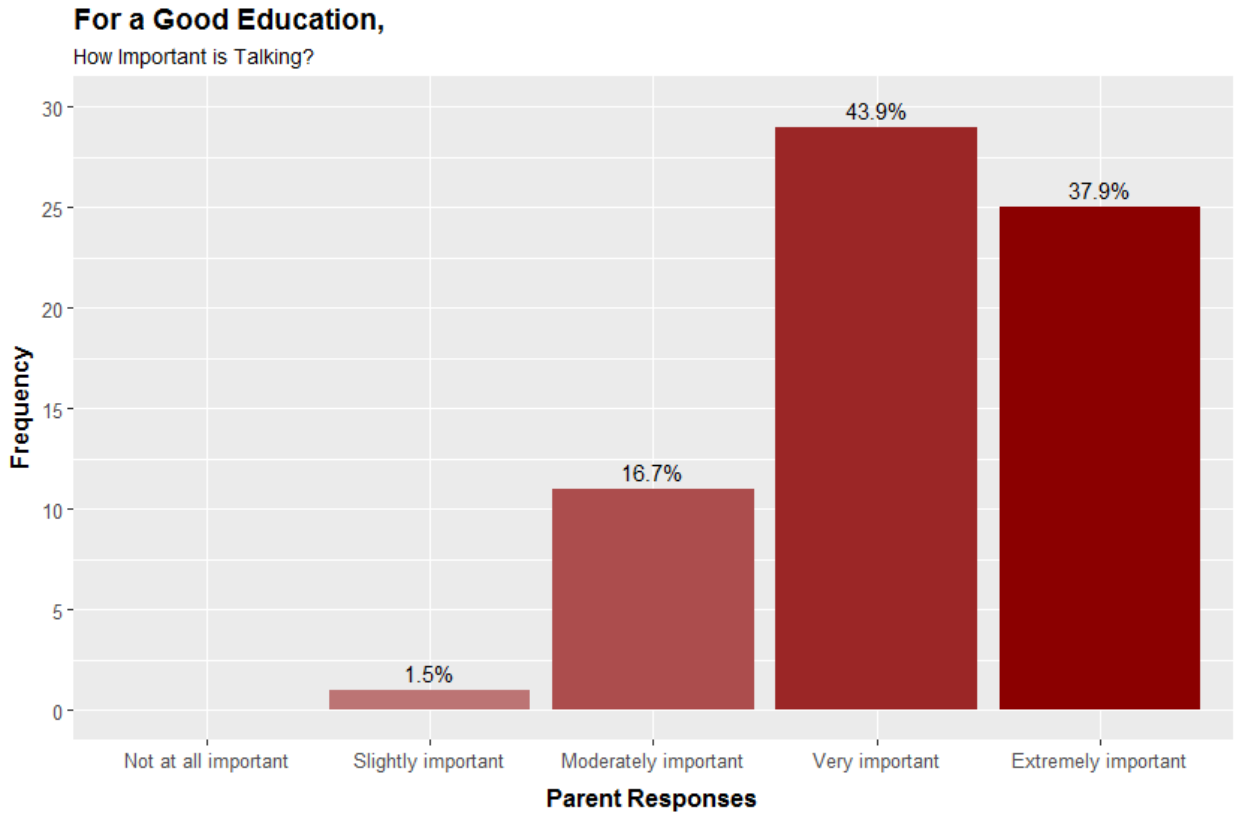

For a Good Education,
How Important is Access to the Internet?
Frequency
25
20
15
10
5
0
4.5%
7.5%
25.4%
34.3%
28.4%
Not at all important
Slightly important
Moderately important
Very important
Extremely important
Parent Responses

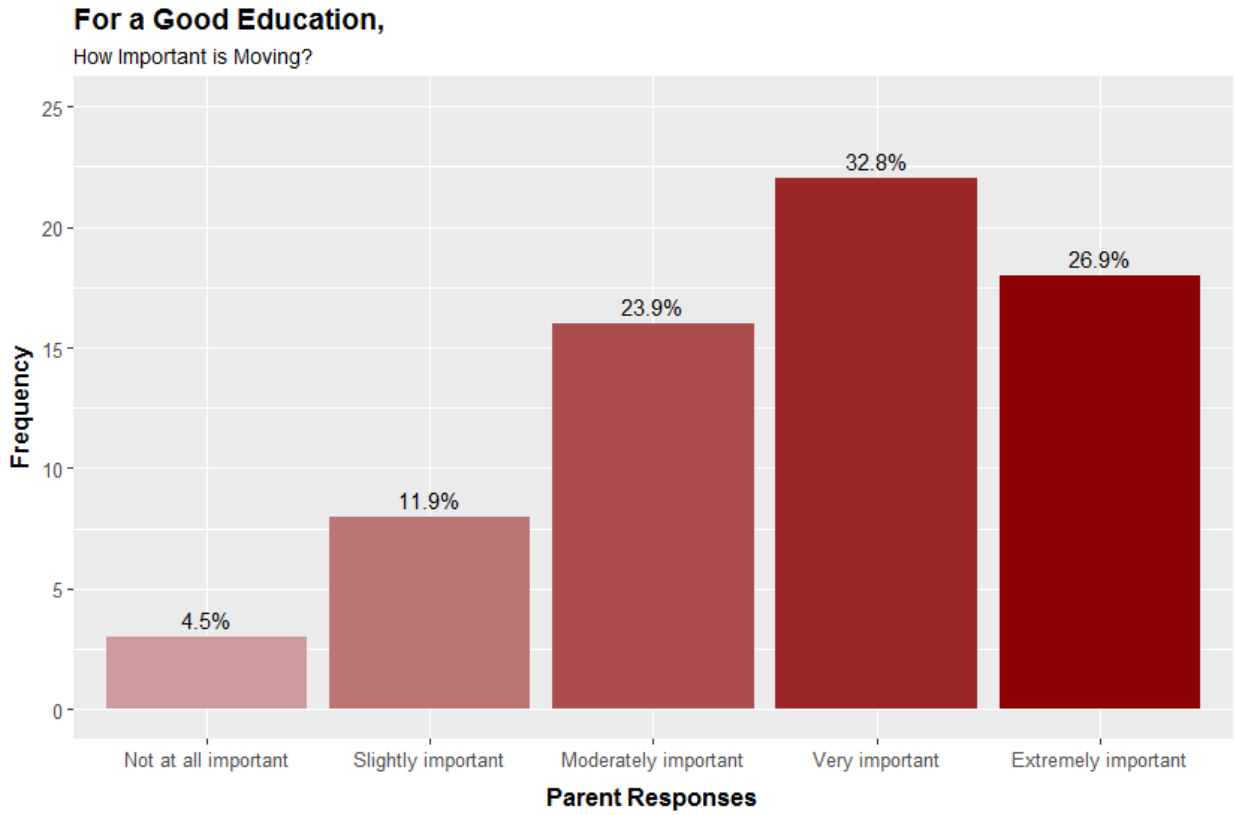

For a Good Education,
How Important is Memorizing?
Frequency
25
20
15
10
5
0
33.8%
27.9%
22.1%
10.3%
5.9%
Not at all important
Slightly important
Moderately important
Very important
Extremely important
Parent Responses

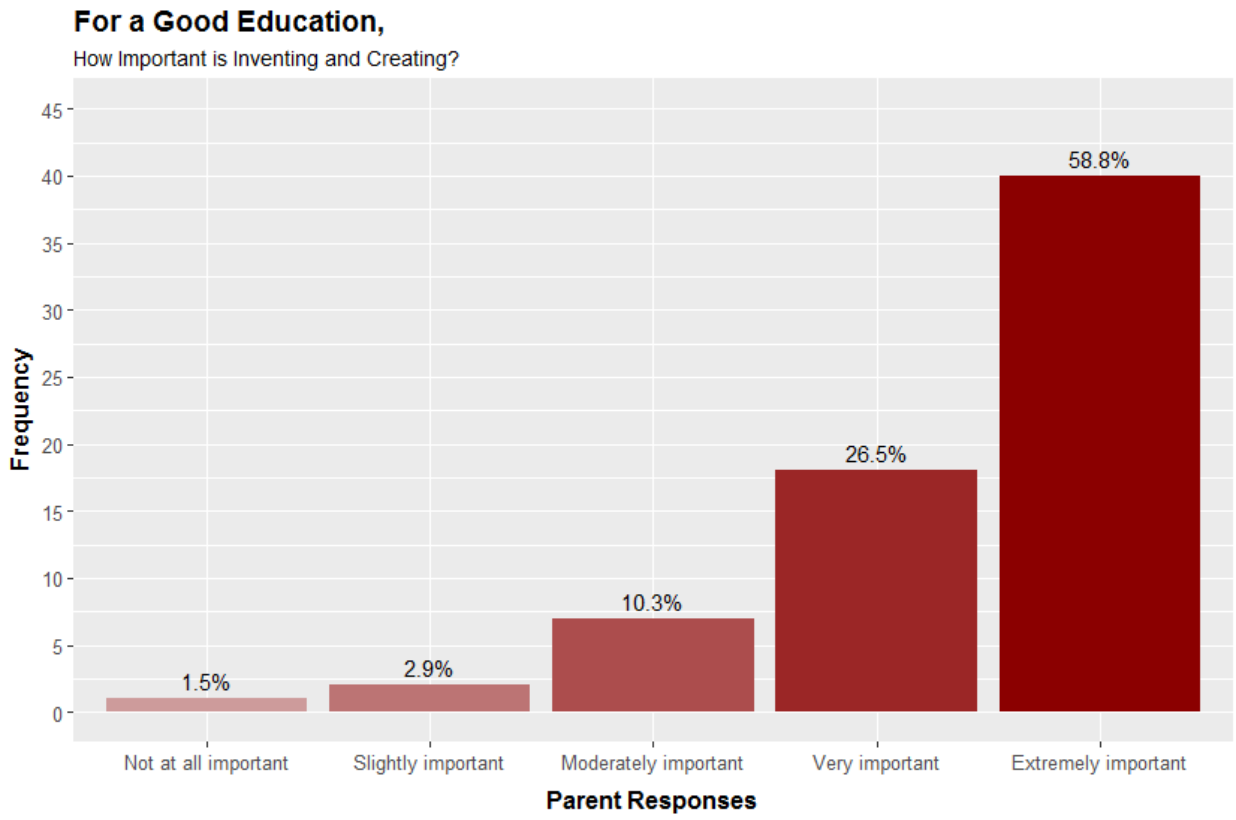

For a Good Education,
How Important is Problem Solving?
Frequency
50
40
30
20
10
0
75.0%
23.5%
1.5%
Not at all important
Slightly important
Moderately important
Very important
Extremely important
Parent Responses


For a Good Education,
How Important is Preparing for Tests?
Frequency
35
30
25
20
15
10
5
0
2.9%
2.9%
16.2%
29.4%
48.5%
Not at all important
Slightly important
Moderately important
Very important
Extremely important
Parent Responses

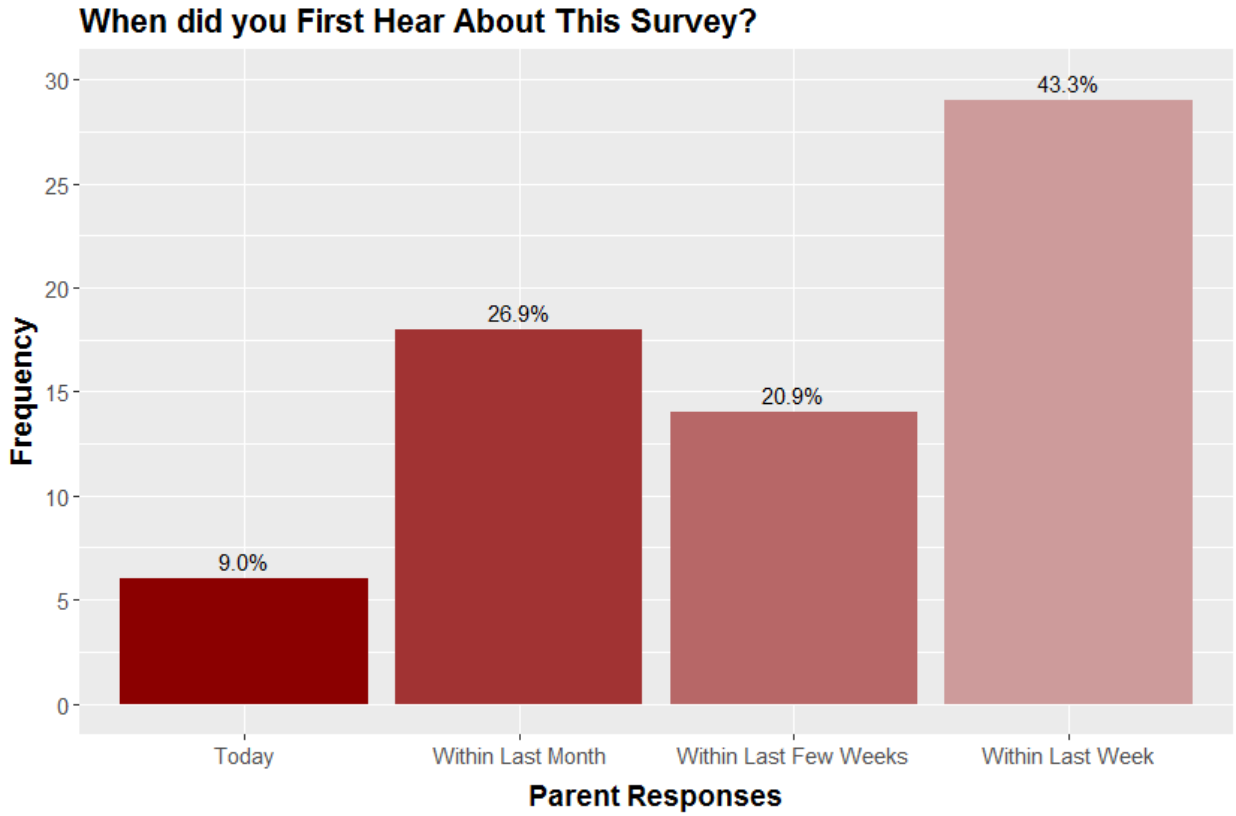

For a Good Education,
How Important is Listening?
Frequency
50
45
40
35
30
25
20
15
10
5
0
1.5%
26.5%
72.1%
Not at all important
Slightly important
Moderately important
Very important
Extremely important
Parent Responses

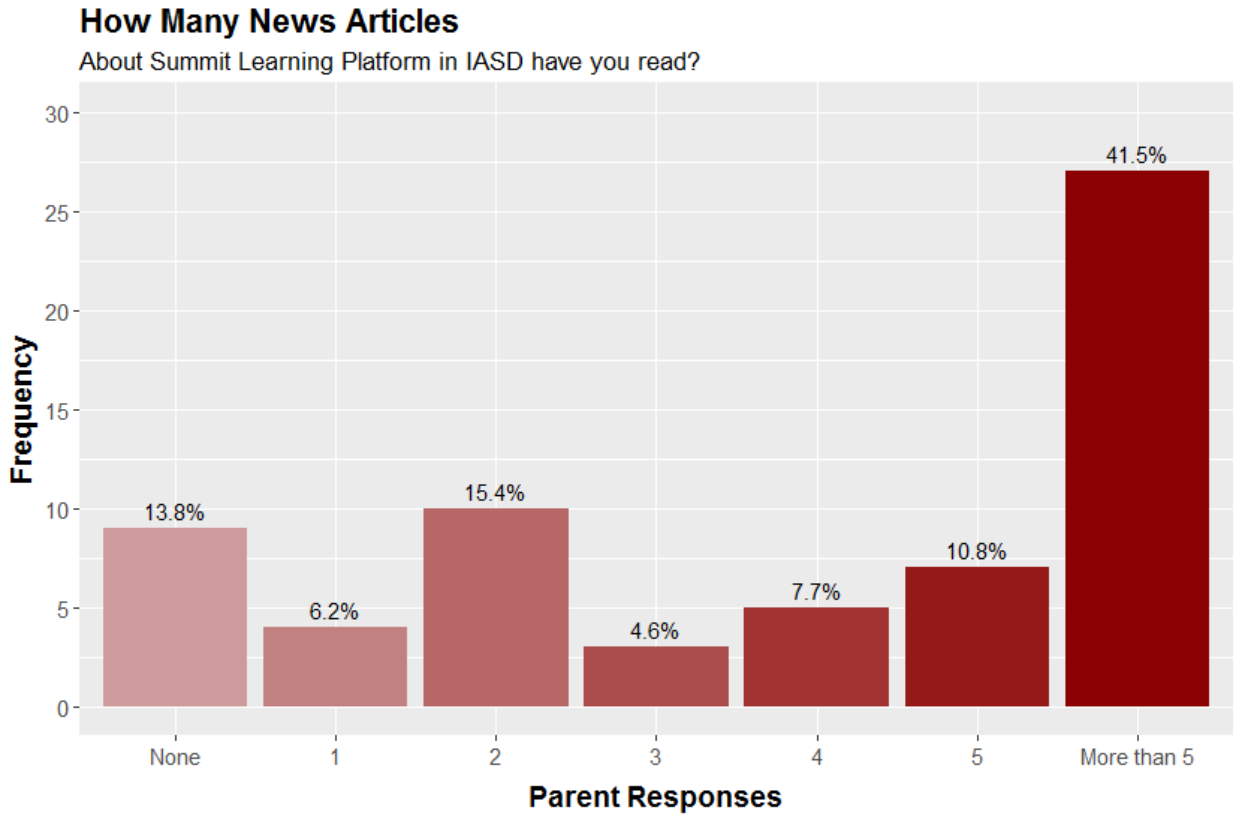

For a Good Education,
How Important is Talking?
Frequency
30
25
20
15
10
5
0
43.9%
37.9%
16.7%
1.5%
Not at all important
Slightly important
Moderately important
Very important
Extremely important
Parent Responses

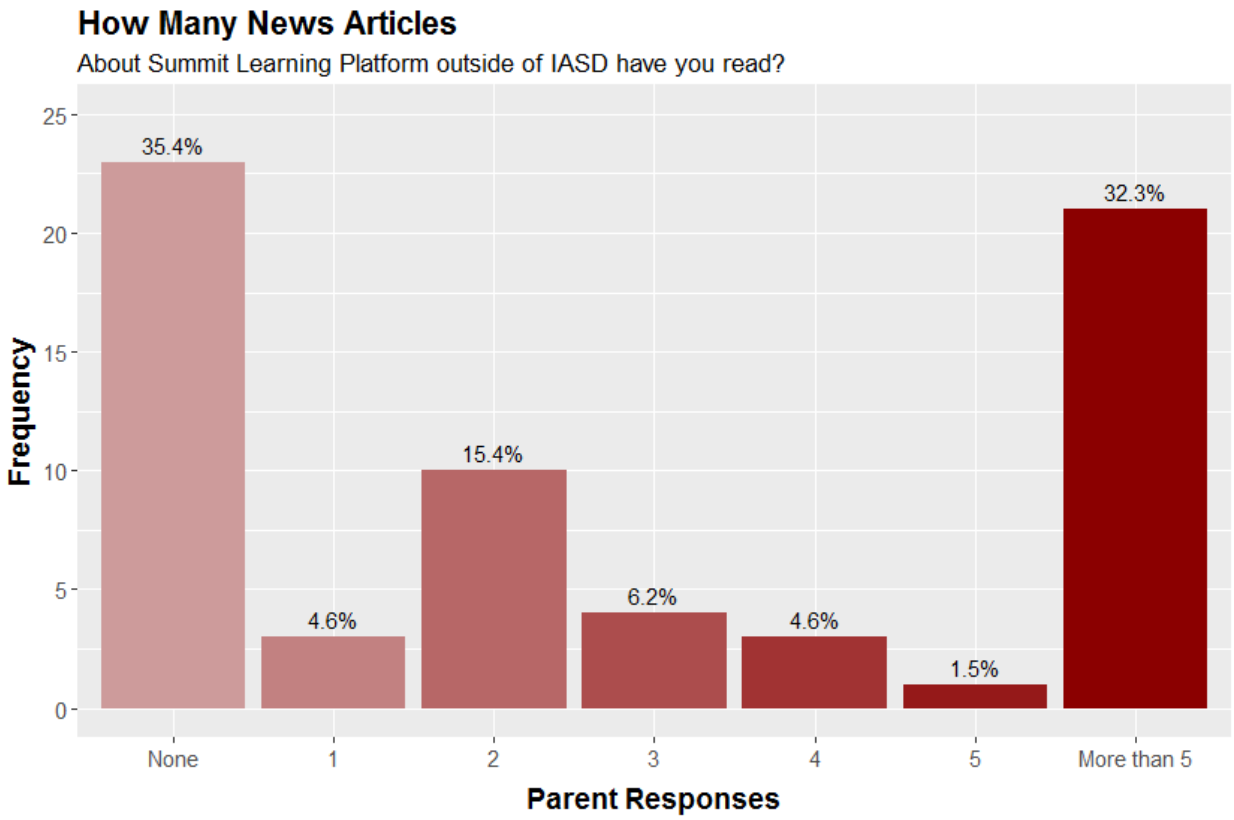

For a Good Education,
How Important is Moving?
Frequency
25
20
15
10
5
0
32.8%
26.9%
23.9%
11.9%
4.5%
Not at all important
Slightly important
Moderately important
Very important
Extremely important
Parent Responses


For a Good Education,
How Important is Inventing and Creating?
Frequency
45
40
35
30
25
20
15
10
5
0
1.5%
2.9%
10.3%
26.5%
58.8%
Not at all important
Slightly important
Moderately important
Very important
Extremely important
Parent Responses

News About SLP






How Many News Articles
About Summit Learning Platform outside of IASD have you read?
Frequency
25
20
15
10
5
0
35.4%
4.6%
15.4%
6.2%
4.6%
1.5%
32.3%
None
1
2
3
4
5
More than 5
Parent Responses

Heard about this survey from a teacher/ principal

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	heard from teacher	12	17.6	100.0	100.0
Missing	System	56	82.4		
Total		68	100.0		

Heard about this survey from a friend

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	heard from friend	17	25.0	100.0	100.0
Missing	System	51	75.0		
Total		68	100.0		

Read about this survey in the news

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	read about in news	10	14.7	100.0	100.0
Missing	System	58	85.3		
Total		68	100.0		

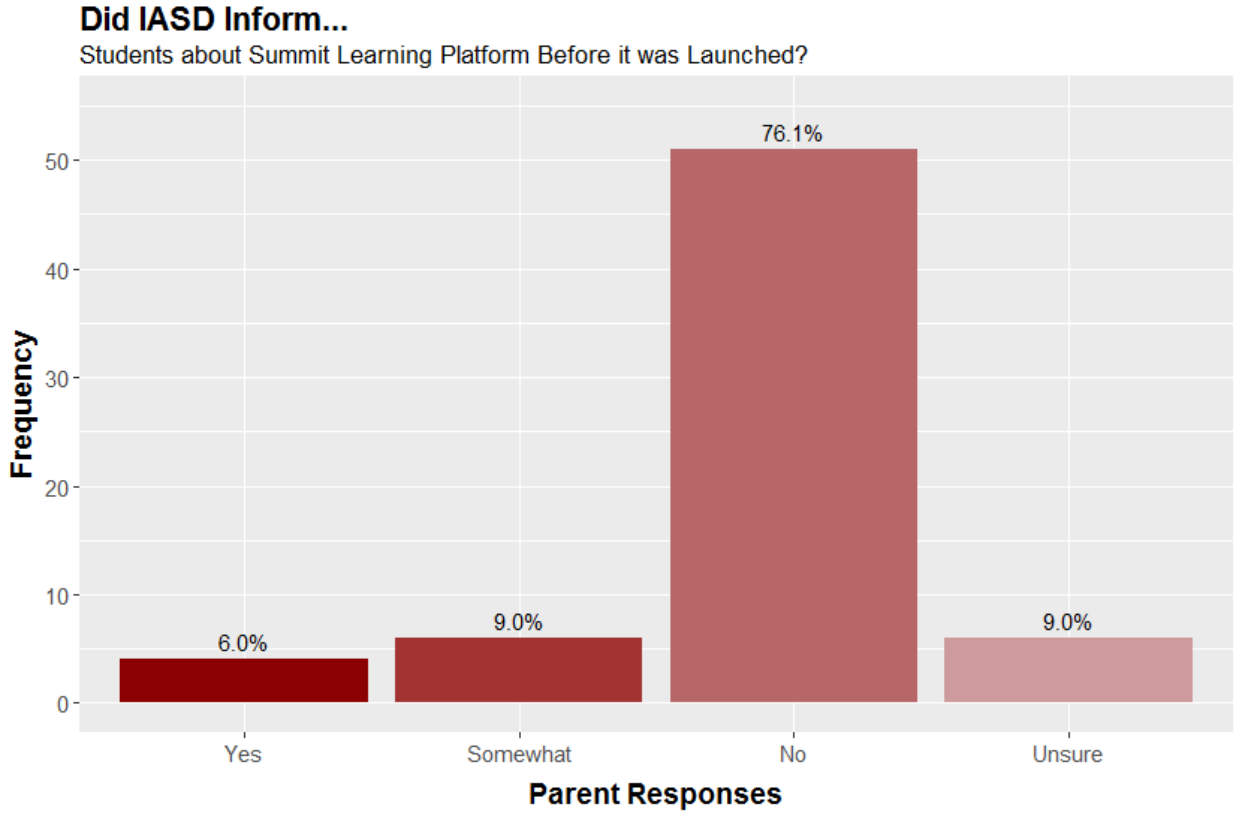
Heard about the survey from child/children

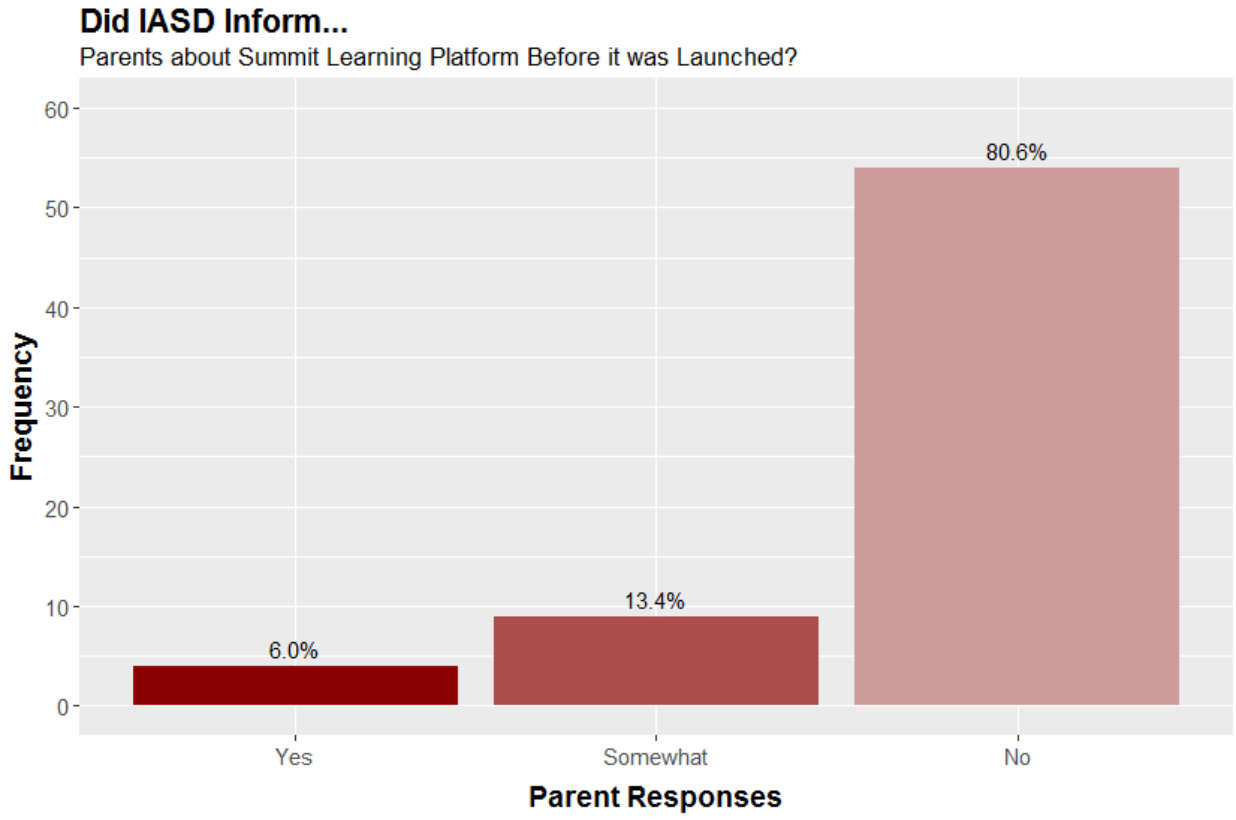
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	yes	8	11.8	100.0	100.0
Missing	System	60	88.2		
Total		68	100.0		

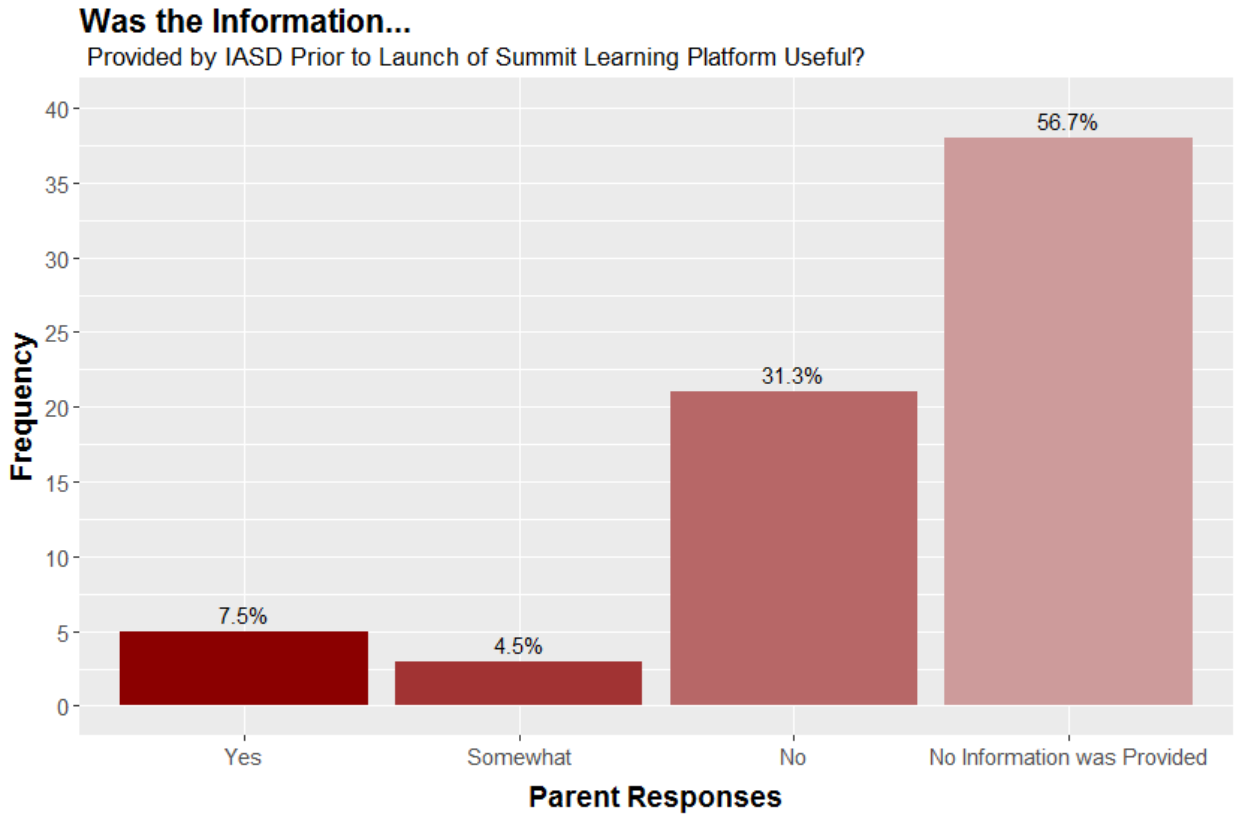
Heard about this survey from another source

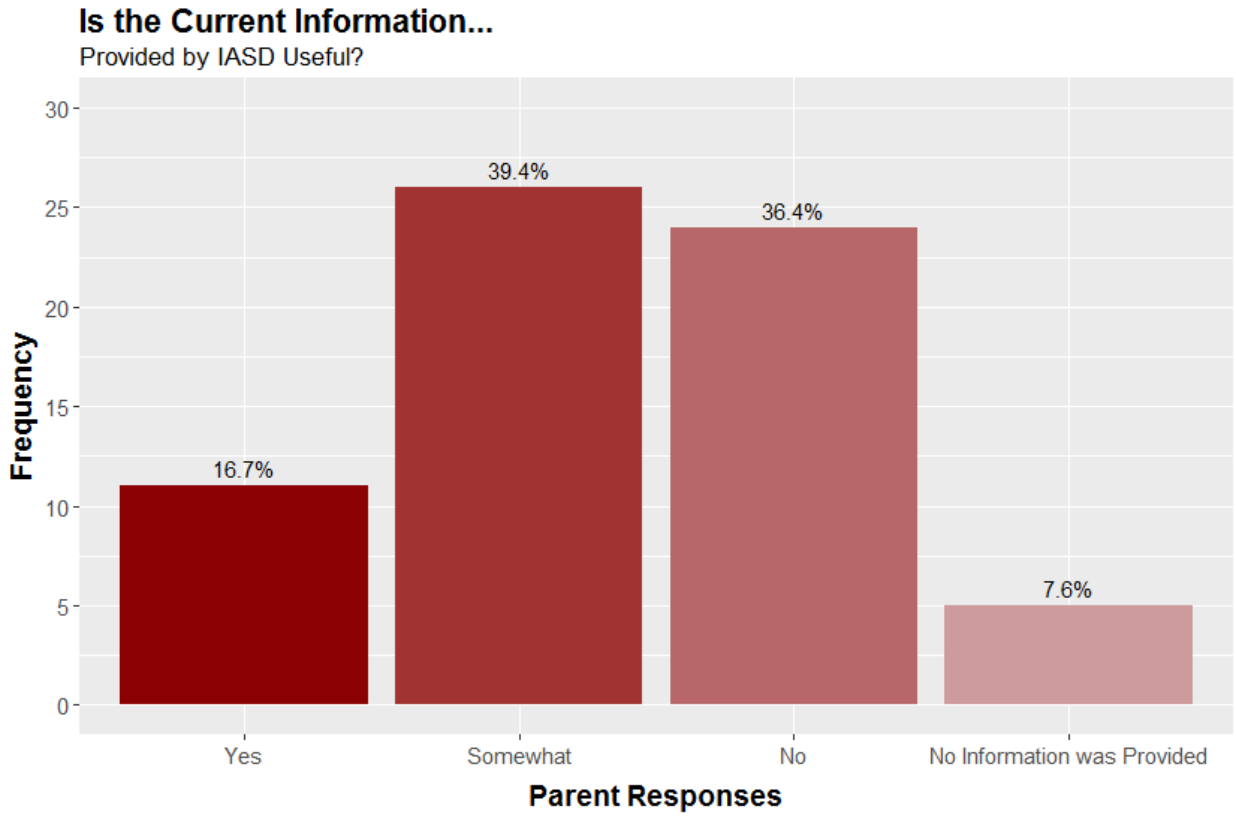
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	text entry other	30	44.1	100.0	100.0
Missing	System	38	55.9		
Total		68	100.0		

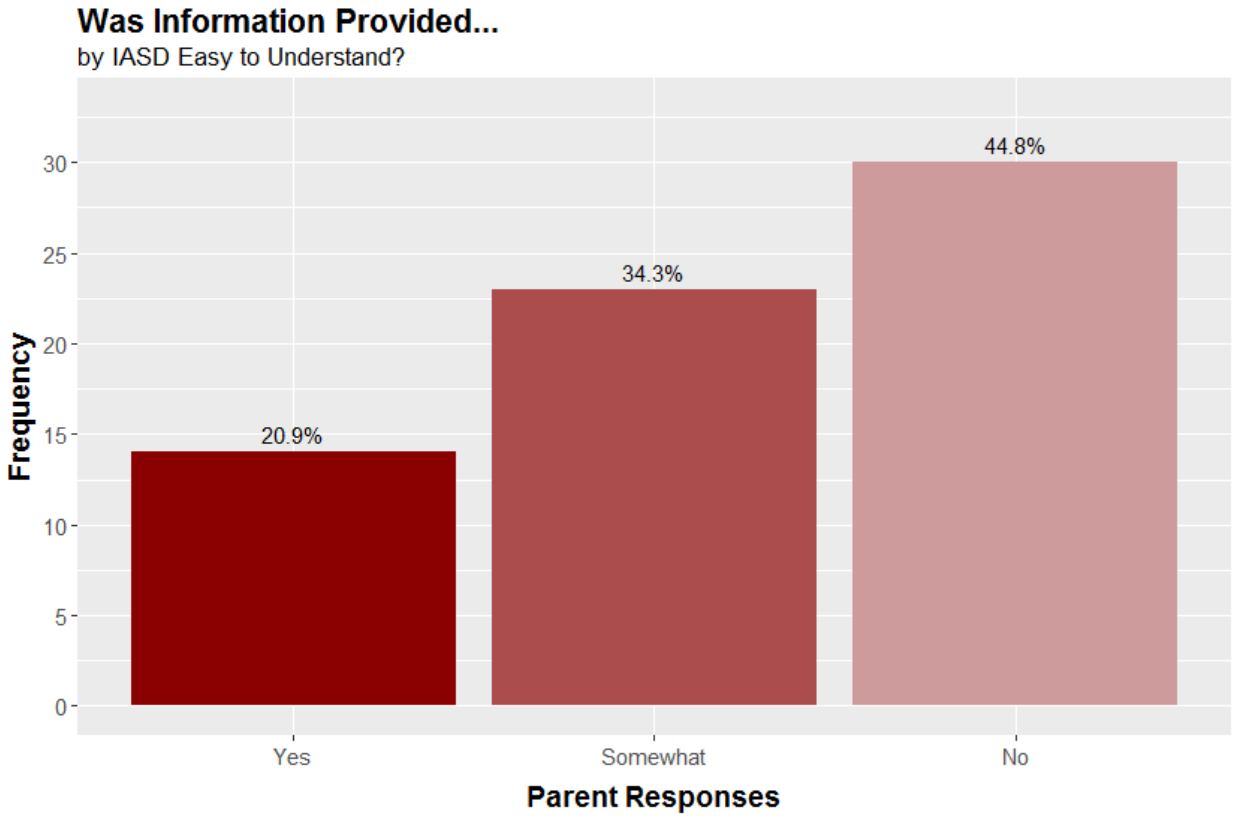
Perceptions of SLP Implementation

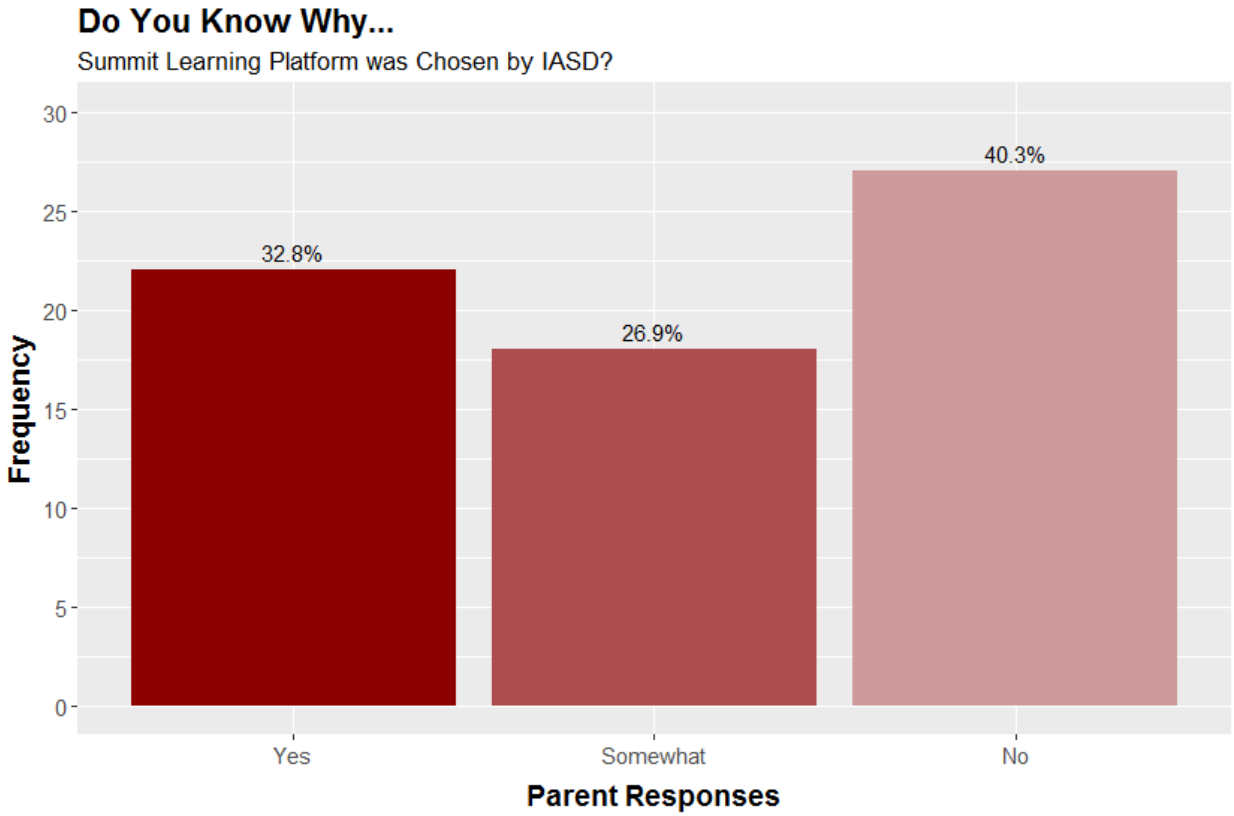


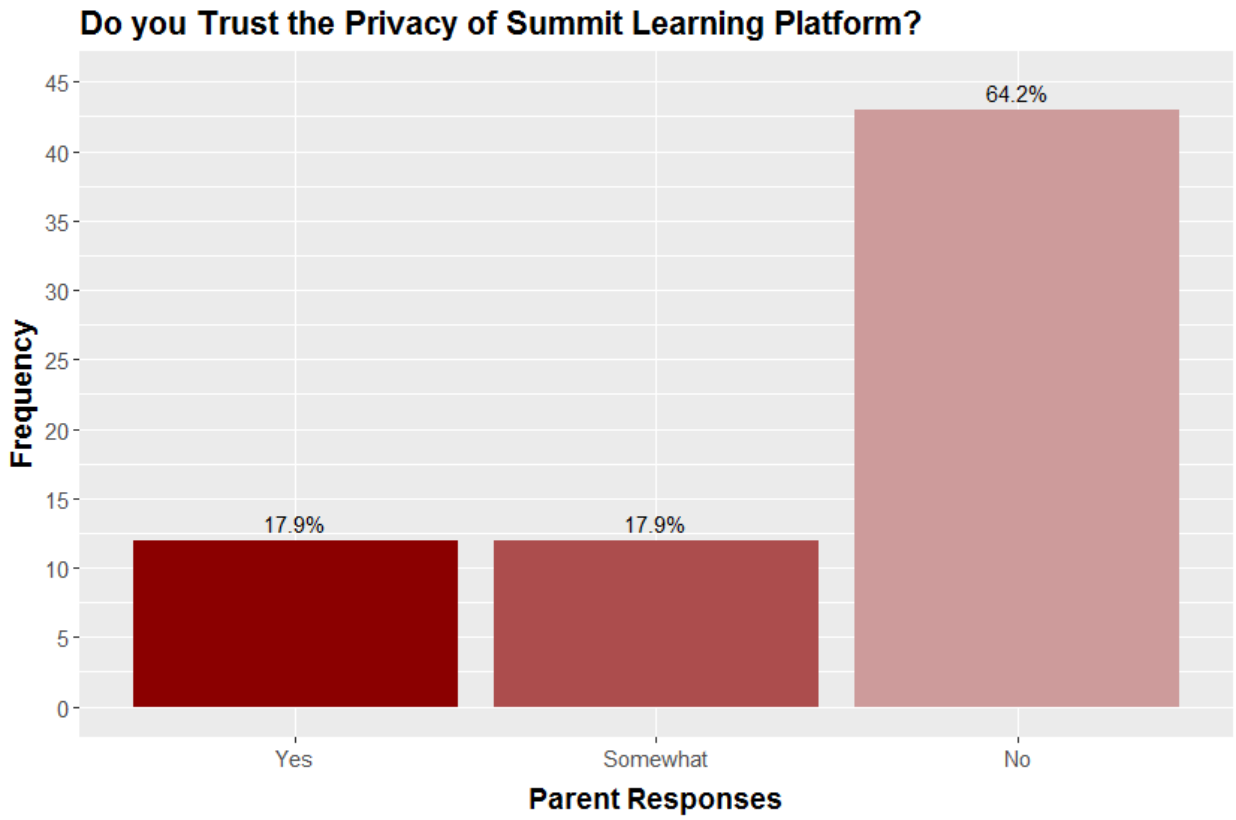


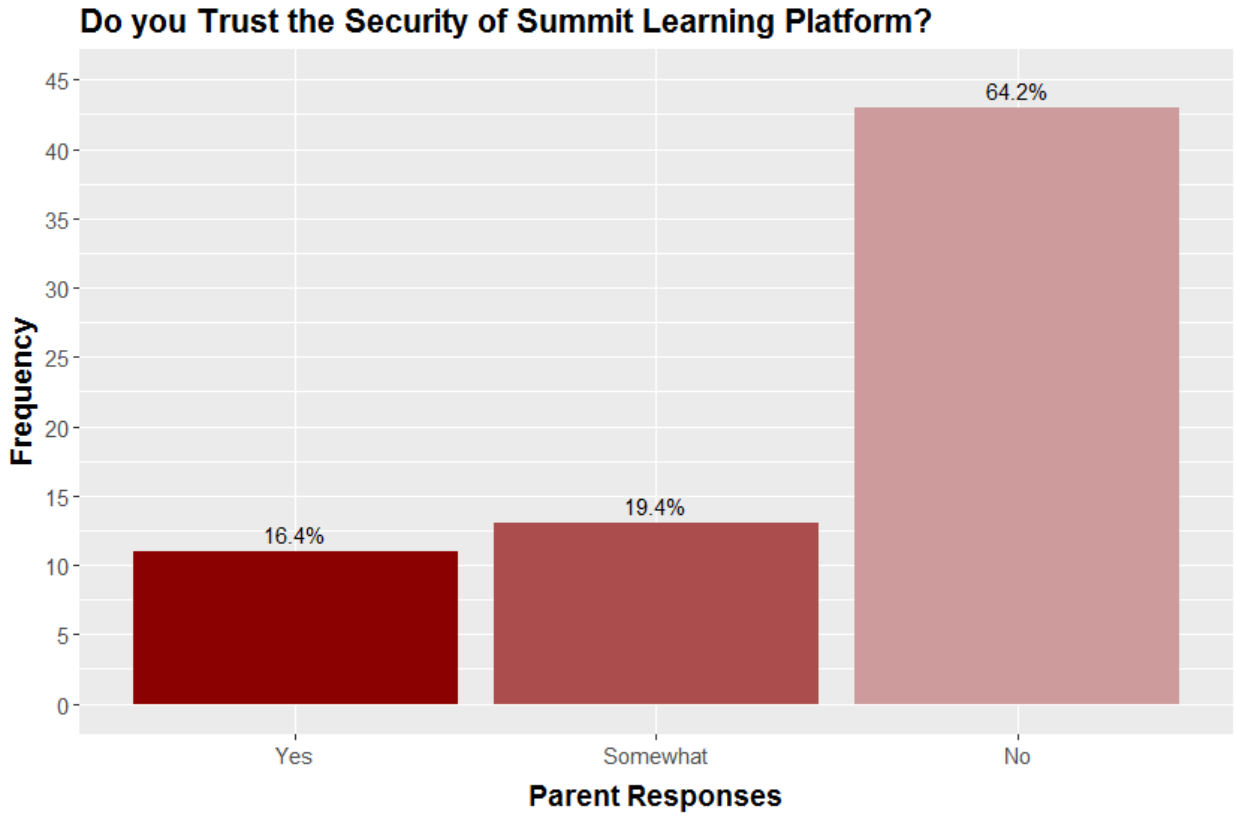

Was the Information...
Provided by IASD Prior to Launch of Summit Learning Platform Useful?
Frequency
40
35
30
25
20
15
10
5
0
7.5%
4.5%
31.3%
56.7%
Yes
Somewhat
No
No Information was Provided
Parent Responses

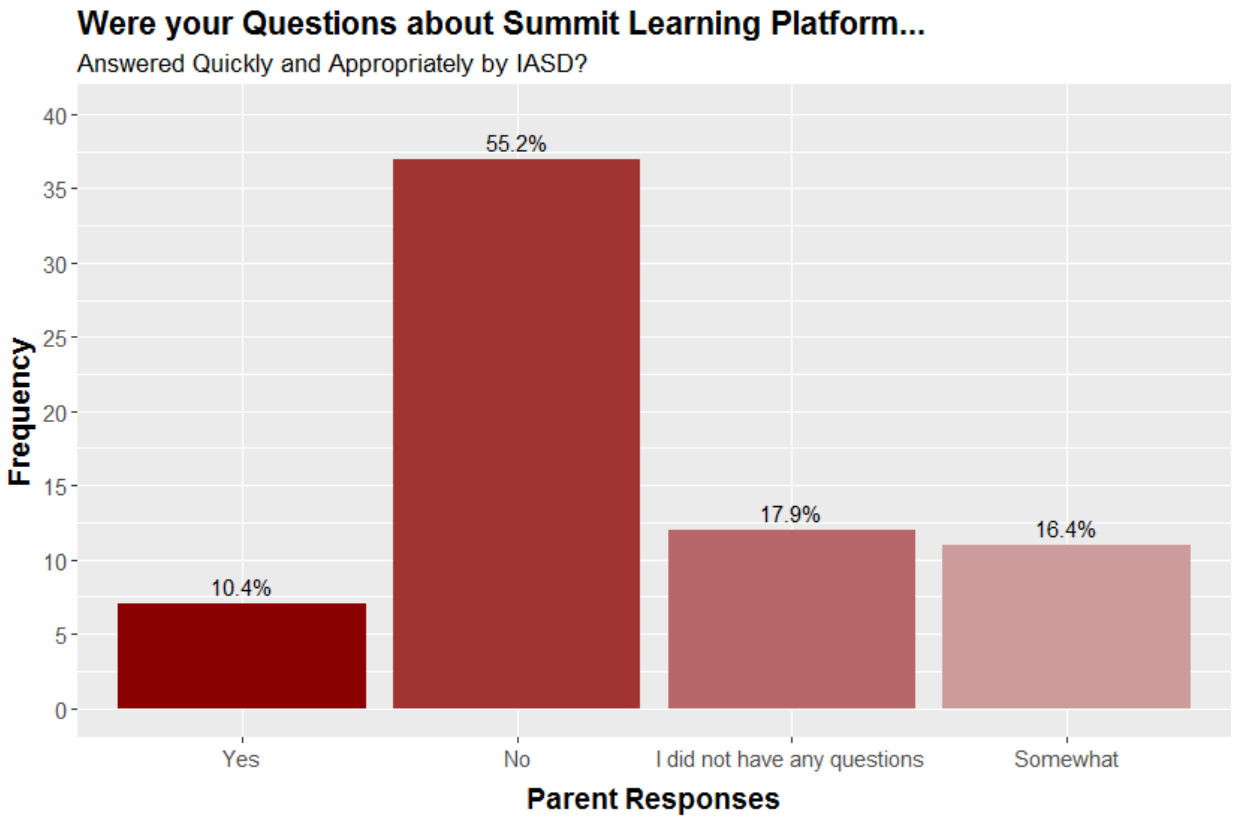

Is the Current Information...
Provided by IASD Useful?
Frequency
30
25
20
15
10
5
0
16.7%
39.4%
36.4%
7.6%
Yes
Somewhat
No
No Information was Provided
Parent Responses


Was Information Provided...
by IASD Easy to Understand?
Frequency
30
25
20
15
10
5
0
20.9%
34.3%
44.8%
Yes
Somewhat
No
Parent Responses


Do You Know Why...
Summit Learning Platform was Chosen by IASD?
Frequency
30
25
20
15
10
5
0
32.8%
26.9%
40.3%
Yes
Somewhat
No
Parent Responses


Do you Trust the Privacy of Summit Learning Platform?
Frequency
45
40
35
30
25
20
15
10
5
0
64.2%
17.9%
17.9%
Yes
Somewhat
No
Parent Responses


Do you Trust the Security of Summit Learning Platform?
Frequency
45
40
35
30
25
20
15
10
5
0
64.2%
19.4%
16.4%
Yes
Somewhat
No
Parent Responses


Were your Questions about Summit Learning Platform...
Answered Quickly and Appropriately by IASD?
Frequency
40
35
30
25
20
15
10
5
0
55.2%
17.9%
16.4%
10.4%
Yes
No
I did not have any questions
Somewhat
Parent Responses

Appendix D – Content Analysis of Parent/Guardian Qualitative Data

Three open-ended writing prompts were presented as part of the larger IASD survey examining the Summit Learning Platform. These prompts are listed below:

Prompt One: If you could change one thing about the Summit Learning Platform, what would you change? Why?

Prompt Two: If there is a part of the Summit Learning Platform that should *not* be changed, what would that be? Why?

Prompt Three: If you have any additional thoughts about the Summit Learning Platform, please write them below.

Response rates for these questions are below:

Prompt One: (N = 57/68)

Prompt Two: (N = 44/68)

Prompt Three: (N = 43/68)

Written responses to the prompts above were placed in individual Word documents and then removed from the quantitative data sets to insure written responses were not connected to quantitative responses. The Word documents were then imported into NVivo 11. Researchers read the data sets and developed initial codes (labels applied to sections of text that are used to organize text sections) prior to beginning the process of content analysis. The initial codes reflected both the content of the prompt response sets as well as the research questions presented to the IUP ARL. Researchers then began reading the responses to Prompt 1 and coding using the initial codes in NVivo 11. New codes were added as seen fit when reading the data set again, and when appropriate, codes were combined.

After responses to Prompt One were coded, researchers discussed codes, revised as needed, and coded responses to Prompt 2 and Prompt 3. Similar to when coding Prompt One responses, codes were added or combined as needed. Once all data had been coded, responses to each question were reviewed to insure new and combined codes were applied appropriately and that all responses were coded in full.

Codes are organized in the tables that follow. The first table presents the topics that are most common throughout parent and guardian responses, and the coverage (the percentage of writing collected under that particular code) is organized by prompt because of the variation in response rates across the three prompts. Each topic includes a definition, and the highest percentage of coverage is bolded for each topic in each prompt response set.

Table 10

Dominant Topics of Concern in Qualitative Parent/Guardian Data Set

Topic	Definition	Coverage Across Prompts		
		Prompt 1	Prompt 2	Prompt 3
Content	Statements regarding specific or broad content used in Summit Learning Platform.	**16.60%**	11.32%	9.68%
Resources, & Media	Statements regarding the resources, and media used in Summit Learning Platform.	**13.01%**	8.93%	5.40%
Implementation	Statements regarding the implementation of Summit Learning Platform into the district and at what grade level.	10.83%	1.40%	**18.08%**
SLP used with teaching	Statements regarding the use of Summit Learning Platform as a supplement or an added component to regular teaching practices.	7.69%	**29.89%**	2.48%
Teacher teaching	Statements regarding the want for teacher to be educating the students not computers.	**12.02%**	0.00%	2.82%
Testing	Statements regarding testing.	**7.34**%	0.00**%**	4.73%
Screen Time	Statements about time on devices.	3.17%	**3.34%**	3.00%
Grades	Statements regarding grading practices with the Summit Learning Platform.	2.90%	0.00%	**5.47%**

The above topics were coded in conjunction with other codes as well. These code conjunctions are presented in the table below along with definitions of all codes used. The topic is presented first along with its definition and coverage across all prompts. Then below the topic, codes used in conjunction with the topic code are presented and defined. Please note that the coverage percentages on the codes after the initial topic code do not represent total cover of the code. Rather, they represent the coverage of the two codes overlapping one another.

Table 11

"Content" with Secondary Codes

Topic	Definition	Coverage Across Prompts		
		Prompt 1	**Prompt 2**	**Prompt 3**
Content	Statements regarding specific or broad content used in Summit Learning Platform.	**16.60%**	11.32%	9.68%
Secondary Codes				
Change	Requests for change.	**7.04%**	0.00%	0.00%
Conserve	Requests not to change.	0.00%	**9.13%**	0.00%
Helps with Learning	Claims that Summit improves education.	0.00%	0.00%	0.00%
Hurts Learning	Claims that Summit impedes education.	**5.17%**	0.00%	2.19%
Positive Summit	Overtly positive statements about Summit.	0.00%	0.00%	0.00%
Negative Summit	Overtly negative statements about Summit.	0.00%	0.00%	0.00%
Teacher Praise	Statements in favor of current teaching.	0.00%	0.00%	0.00%
Teacher Critique	Statements commenting on current teaching.	0.00%	0.00%	**2.21%**

Table 12

"Resources, & Media" with Secondary Codes

Topic	Definition	Coverage Across Prompts		
		Prompt 1	**Prompt 2**	**Prompt 3**
Resources, & Media	Statements regarding the resources, and media used in Summit Learning Platform.	**13.01%**	8.93%	5.40%
	Secondary Codes			
Change	Requests for change.	**1.57%**	0.00%	0.00%
Conserve	Requests not to change.	0.00%	**0.60%**	0.00%
Helps with Learning	Claims that Summit improves education.	0.00%	0.00%	0.00%
Hurts Learning	Claims that Summit impedes education.	**1.22%**	0.00%	0.62%
Positive Summit	Overtly positive statements about Summit.	0.00%	0.00%	0.00%
Negative Summit	Overtly negative statements about Summit.	0.00%	0.00%	0.00%
Teacher Praise	Statements in favor of current teaching.	0.00%	0.00%	0.00%
Teacher Critique	Statements critiquing current teaching.	0.32%	0.00%	**0.64%**

Table 13

"Implementation" with Secondary Codes

Topic	Definition	Coverage Across Prompts		
		Prompt 1	**Prompt 2**	**Prompt 3**
Implementation	Statements regarding the implementation of Summit Learning Platform into the district and at what grade level.	10.83%	1.40%	**18.08%**
	Secondary Codes			
Change	Requests for change.	0.00%	0.00%	0.00%
Conserve	Requests not to change.	0.00%	0.00%	0.00%
Helps with Learning	Claims that Summit improves education.	0.00%	0.00%	0.00%
Hurts Learning	Claims that Summit impedes education.	**1.84%**	0.00%	1.44%
Positive Summit	Overtly positive statements about Summit.	0.00%	0.00%	0.00%
Negative Summit	Overtly negative statements about Summit.	0.00%	0.00%	0.00%
Teacher Praise	Statements in favor of current teaching.	0.00%	0.00%	0.00%
Teacher Critique	Statements critiquing current teaching.	0.00%	0.00%	**2.86%**

Table 14

"SLP used with teaching" with Secondary Codes

Topic	Definition	Coverage Across Prompts		
		Prompt 1	**Prompt 2**	**Prompt 3**
SLP used with teaching	Statements regarding the use of Summit Learning Platform as a supplement or an added component to regular teaching practices.	7.69%	**29.89%**	2.48%
	Secondary Codes			
Change	Requests for change.	**3.31%**	0.00%	0.00%
Conserve	Requests not to change.	0.00%	**7.32%**	0.00%
Helps with Learning	Claims that Summit improves education.	0.00%	0.00%	0.00%
Hurts Learning	Claims that Summit impedes education.	0.00%	0.00%	0.00%
Positive Summit	Overtly positive statements about Summit.	0.00%	0.00%	0.00%
Negative Summit	Overtly negative statements about Summit.	0.00%	0.00%	0.00%
Teacher Praise	Statements in favor of current teaching.	0.00%	0.00%	0.00%
Teacher Critique	Statements critiquing current teaching.	0.00%	0.00%	0.00%

Table 15

"Teacher Teaching" with Secondary Codes

Topic	Definition	Coverage Across Prompts		
		Prompt 1	**Prompt 2**	**Prompt 3**
Teacher Teaching	Statements regarding the want for teacher to be educating the students not computers.	**12.02%**	0.00%	2.82%
	Secondary Codes			
Change	Requests for change.	**4.45%**	0.00%	0.00%
Conserve	Requests not to change.	0.00%	0.00%	0.00%
Helps with Learning	Claims that Summit improves education.	0.00%	**0.00%**	0.00%
Hurts Learning	Claims that Summit impedes education.	**0.85%**	0.00%	0.00%
Positive Summit	Overtly positive statements about Summit.	0.00%	0.00%	0.00%
Negative Summit	Overtly negative statements about Summit.	**0.46%**	0.00%	0.00%
Teacher Praise	Statements in favor of current teaching.	0.00%	0.00%	0.00%
Teacher Critique	Statements commenting on current teaching.	**0.64%**	0.00%	0.00%

Table 16

"Testing" with Secondary Codes

Topic	Definition	Coverage Across Prompts		
		Prompt 1	**Prompt 2**	**Prompt 3**
Testing	Statements regarding testing.	**7.34%**	0.00%	4.73%
Secondary Codes				
Change	Requests for change.	**0.57%**	0.00%	0.00%
Conserve	Requests not to change.	0.00%	0.00%	0.00%
Helps with Learning	Claims that Summit improves education.	0.00%	0.00%	0.00%
Hurts Learning	Claims that Summit impedes education.	0.00%	0.00%	0.00%
Positive Summit	Overtly positive statements about Summit.	0.00%	0.00%	0.00%
Negative Summit	Overtly negative statements about Summit.	0.00%	0.00%	0.00%
Teacher Praise	Statements in favor of current teaching.	0.00%	0.00%	0.00%
Teacher Critique	Statements commenting on current teaching.	0.00%	0.00%	0.00%

Table 17

"Screen Time" with Secondary Codes

Topic	Definition	Coverage Across Prompts		
		Prompt 1	**Prompt 2**	**Prompt 3**
Screen Time	Statements about time on devices.	3.17%	**3.34%**	3.00%
	Secondary Codes			
Change	Requests for change.	0.00%	0.00%	0.00%
Conserve	Requests not to change.	0.00%	0.00%	0.00%
Helps with Learning	Claims that Summit improves education.	0.00%	0.00%	0.00%
Hurts Learning	Claims that Summit impedes education.	0.00%	0.00%	0.00%
Positive Summit	Overtly positive statements about Summit.	0.00%	0.00%	0.00%
Negative Summit	Overtly negative statements about Summit.	**0.13%**	0.00%	0.00%
Teacher Praise	Statements in favor of current teaching.	0.00%	0.00%	0.00%
Teacher Critique	Statements commenting on current teaching.	0.00%	0.00%	0.00%

Table 18

"Grades" with Secondary Codes

Topic	Definition	Coverage Across Prompts		
		Prompt 1	**Prompt 2**	**Prompt 3**
Grades	Statements regarding grading practices within the Summit Learning Platform.	2.90%	0.00%	**5.47%**
Secondary Codes				
Change	Requests for change.	**1.57%**	0.00%	0.00%
Conserve	Requests not to change.	0.00%	0.00%	0.00%
Helps with Learning	Claims that Summit improves education.	0.00%	0.00%	0.00%
Hurts Learning	Claims that Summit impedes education.	**0.56%**	0.00%	0.00%
Positive Summit	Overtly positive statements about Summit.	0.00%	0.00%	0.00%
Negative Summit	Overtly negative statements about Summit.	**0.07%**	0.00%	0.00%
Teacher Praise	Statements in favor of current teaching.	0.00%	0.00%	0.00%
Teacher Critique	Statements commenting on current teaching.	0.00%	0.00%	0.00%

In the interest of thoroughness, we also coded for any statements about the Summit Learning Platform that referenced the learning platform in entirety. These statements are presented below along with secondary codes for “Positive Summit” and “Negative Summit” to demonstrate how positive and negative statements were presented regarding the Summit Learning Platform as a whole.

Table 19

“SLP Critique” with Secondary Codes

Topic	Definition	Coverage Across Prompts		
		Prompt 1	**Prompt 2**	**Prompt 3**
SLP Critique	Statements about the Summit Learning Platform.	6.05%	14.31%	**17.39%**
Secondary Codes				
Positive Summit	Overtly positive statements about Summit.	**1.45%**	0.00%	0.00%
Negative Summit	Overtly negative statements about Summit.	0.47%	2.38%	**0.45%**

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