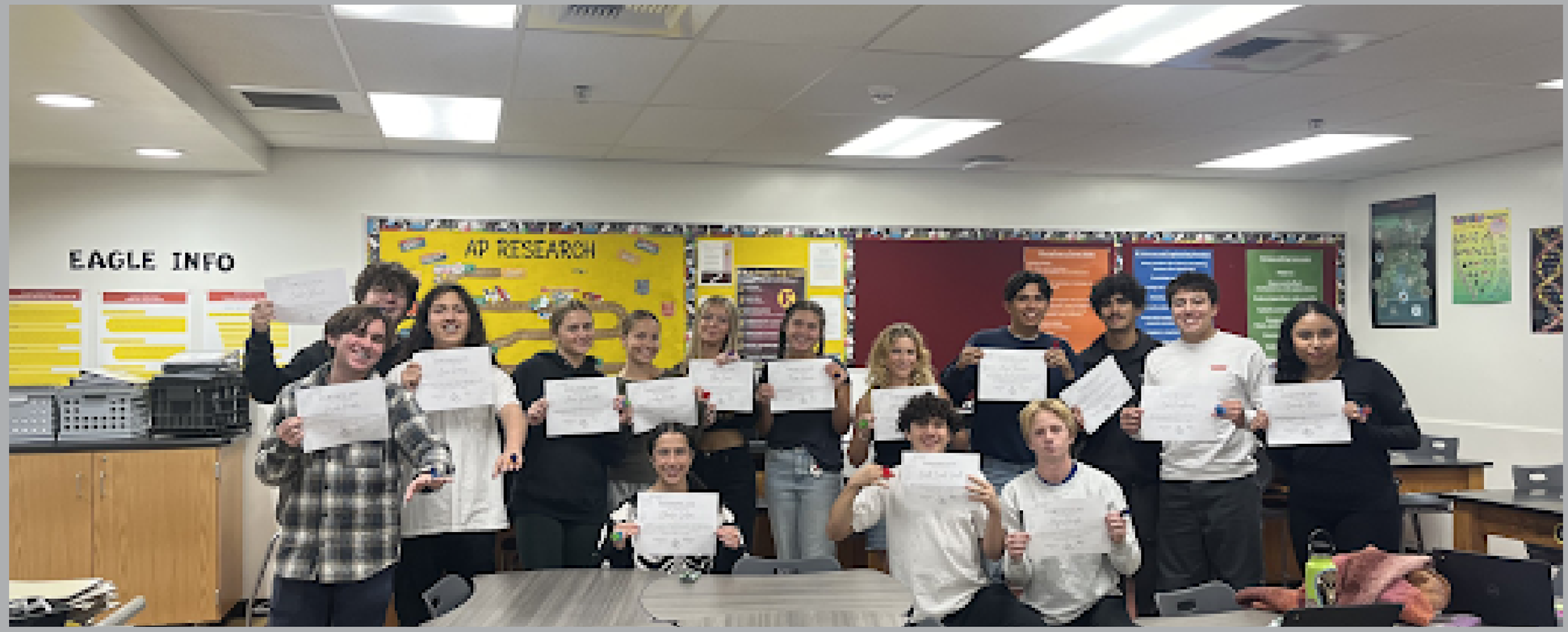
Lyceum Academy Seniors

2025



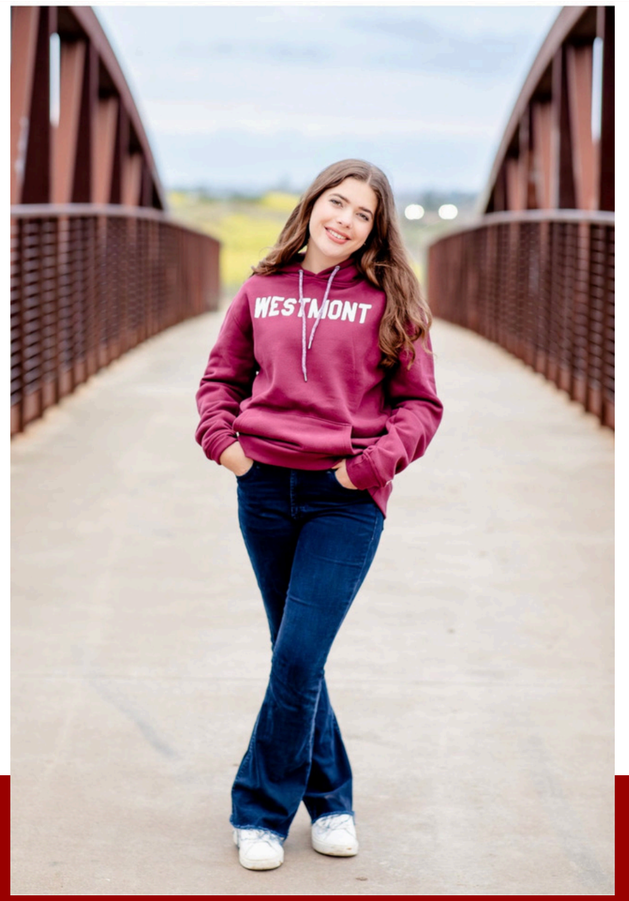
AP Research

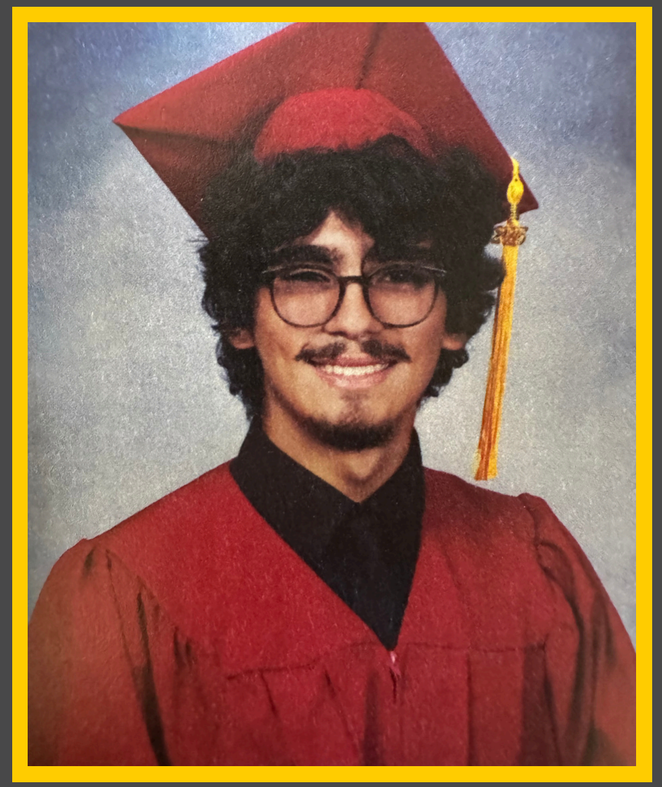


Committment Day

Paige Keranen

Westmont College





Aiden
Avalos-Viramontes

Orange Coast College

How exactly does user generated content on social media portray schizophrenia, and how do these seen portrayals effect stigma, public perception and care-seeking behavior?

Hypothesis

Portrayals of schizophrenia, which are exaggerated or overemphasized aid in the reinforcement of stigma, causing the general public to fear individuals with mental illness significantly more, resulting in the avoidance of people suffering from schizophrenia

Why Care?

- Prejudice
- Barrier on Care Seeking Behavior

2	Awareness post	Encouragement	1	"he's lucky to have someone like you most would	
1	"Schizotok" Post (A tiktok post which uses the ha	Violence, and an assumtion that those with schiz	2	"Brutally tortured and eaten... can't help but dance	
2	Individual Post about an episode with schizophre	Hallucinations and Delusions	3	Commenters support the creator with messages	
1	Observation on the internet trend to instigate fear	Criticism	3	Individual is critiquing the negative way audiences	
1	"meme" post	Violence and, again, inherent madness	2	Post uses the hashtage "schizophrenic" to engage	- Commentors interact with post with statements
1	Comedic Post	Criticism	3	Creator pokes fun at the insensitive ways people t	- viewer comments "It actively hurts not only my h
1	"Schizotok" Post (A tiktok post which uses the ha	Violence, Cannabilism	2	"You're going to eat him alive"	- viewers comment "Why is everyone suddenly ma
2	Awareness post	Hallucinations and Delusions	1	"thank you for sharing	- Reinforces creator and shares gratitude for the p
1	Schizo post (meaing its just a comedic post) - #sc	Focus on pain, and inflicting pain on yourself	2	"'Me trying to end the ever lasting pain"	Caption taken directly from the video
2	#schizophrenia post - nuetral depiction of drawing	Hallucinations and Delusions	3	"one cup of attention pleasel" and "He wouldnt h	First commentor is mocking the creator, implying
1 - more of an im	#schizophrenia post	Irratic and unstable behavior	2	Video is purposefully mocking the unstable behav	Comment reinforces stigma
1	Awareness Post	Hallucinations, Nuetral stance - a direct account f	3	Video is demonstrating what living with schizophr	Comments challenge stigma
1	Schizo post (meaing its just a comedic post) - #sc	Unstable and violent behavior - negative approach	2	Video is of character Frank Heffely, who is depicte	Comment section reinforces stigma
1	Simply a sort of comedic video that relates to sch	Negative perception of schizophrenia, unstable be	3	Video is relaying that those who being suffering fr	Comment section challenges the video claiming t
1	SCHIzo post (meaing its just a comedic post) - #s	Negative perception of schizophrenia, unstable be	2	Another Frank Heffley video which implies (heavil	Comment section pokes fun at those with schizo
2	Painter stops taking his medication for schizophr	Unstable behavior, suicide	3	Video goes over his paintings while giving fact of	Comments challenge stigma - viewers emopathiz
1	Schizo post (meaing its just a comedic post) - #sc	Hallucination, Unstable behavior, rejection of med	2	Video is of a girl who is implies too be a hallucina	Comments criticize the video claiming this isn't w
1	Commentary on the Schizo posts relating to Frank	Unstable behavior, Violence	2	Creator claims to have a father who's suffered fro	Viewers seem to relate as many commentors cla
2	Awareness Post	Delusions, Hallucinations, Nuetral	3	Creator describes situation that she has been thr	Commentors empathize with her - challenging ste
2	Awareness post	Unstable Behavior	2	Creator's brother suffers from schizophrenia and	viewers comment "we saw no signs" - implying th
2	Awareness Post - Simulation post (meaning that t	Hallucinations, Delusions ,	3	Creator suffers from schizophrenia and made a si	Viewers show compassion and empathy - challen
1	Awareness post - Interview with a psychiatrist	Positive approach, drugs, violence	1	Interviewed Psychiatrist ensures viewers that ther	Viewers agree with the psychiatrist - Challenging
1	life with schizophrenia post	hallucinations, negative approach	3	Creator recounts a moment he was suffering from	Viewers show compassion and empathy - challen
1	Awareness post	Negative approach - struggles with all themes	2	Creator is explaining how the disorder has heavily	viewers show an overwhelmingly amount of empa
1	Awareness post	Positive approach, unstable behavior, delusions, h	1	Psychiatrist explains what schizophrenia is and ho	Majority of viewers comment "i have schizophren
1	Critique on societal perception	Positive approach	1	Creator criticizes social media for using mental ill	Viewers agree with the criticisms made towards s
2	awareness post - creator made a video with her s	unstable behavior, positive approach	1	Creator visits her father who suffers from schizop	Viewers show support in the comment section - C
2	awarenss post	Positive approach	1	Creator shares a detailed routine carried out daily	challenges stigma

Stigma for Post ID coding scheme for project)

Code: 1 = Mentions of stigma or discrimination related to mental illness

Code: 2 = No mention of stigma

Tone

Code: 1 = Positive (hopeful messages that are meaningful, encourage treatment or care-seeking behavior, or reinforcement for the individual)

Code: 2 = Negative (hopeless messages that diminishes schizoprhenia, isolates individuals with schizophrenia, and encourages self-blame)

Code: 3 = Neutral (informative, descriptive)

not for code: tiktok has a top bar labeled "Schizophrenia Information" when searching "schizophrenia" - informs users that mental health content is authentic and a source for insight and support

Hypothesis Was Supported

Results

The majority of videos hyperbolized symptoms of schizophrenia, and characterized schizophrenics as inherently violent people. Schizophrenics were shamed and labeled “attention seeking” - highlighting the absence of empathy towards schizophrenics, and the avoidance of them due to the belief they are inherently violent.

Angel Romero

University of California Irvine



How Can the Implementation of Autonomous Vehicles Impact Cities Taking into Account Public Opinion?

Why Care?

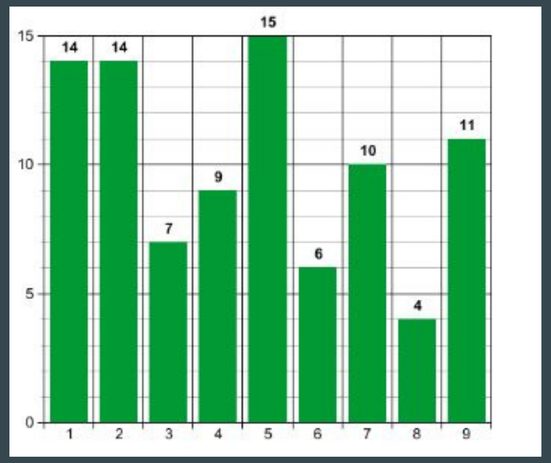
- Safety concerns
- Stay informed

Definitions and Assumptions:

- Autonomous vehicles
- More now than before

Hypothesis:

Public view on autonomous vehicles is positive, leading to a faster implementation into cities which will result in reductions in car collisions.



I Would Have a Positive Reaction to Our Society Switching Entirely to Self Driving Cars

Limitations & Conclusions

- Survey limitations
- Accuracy limitations
- What is the value?



Corbin Minion

Orange Coast College - OCC

Corbin Minion

What volunteer engagement strategies are the most effective in increasing student participation rates in high school service clubs?



Research



Method



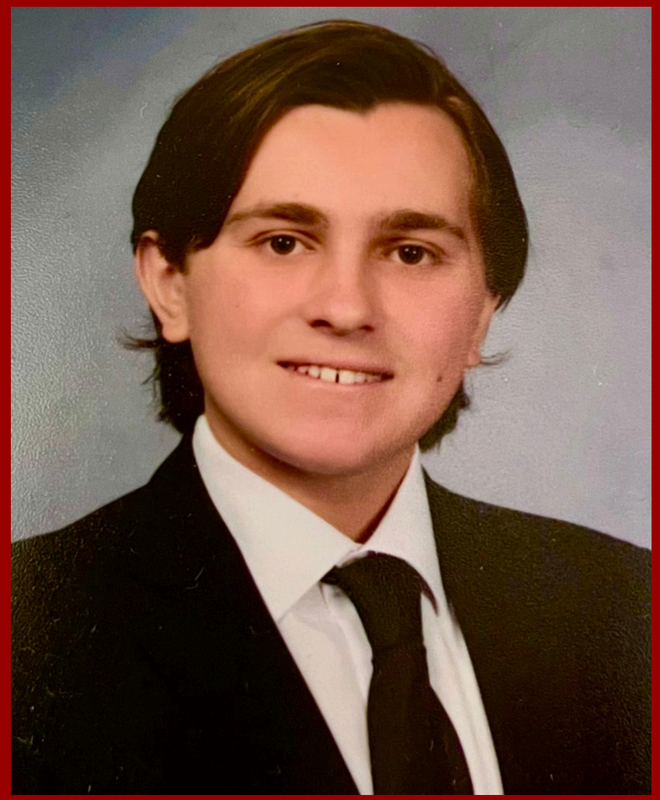
Analysis



Conclusion

Joey Harbs

University of California - Irvine (UCI)



Laurel Canyon: An Artistic Community

Goal:
To explore the factors and environment that create music scenes.

Research Question:

To what extent did specific economic, social, and geographic factors influence Laurel Canyon in becoming a hub of artistic collaboration and cultural production in the 1960s and 1970s?

Content Analysis

- Access
- Collaboration
- Connection

Jose Gomez

Marymount Manhattan College

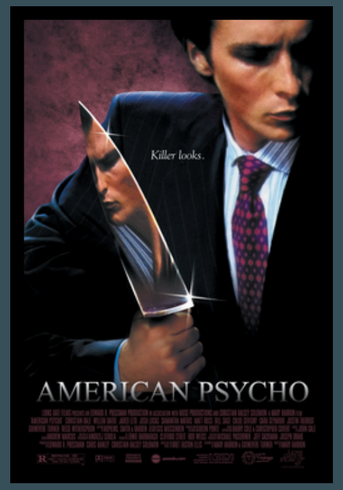




JOSE GOMEZ

"LITERALLY ME" CHARACTERS IN FILM MEDIA AND MALE ADOLESCENT PSYCHOLOGY





HOW DO "LITERALLY ME" CHARACTERS IN FILM MEDIA REFLECT THE EMOTIONAL PSYCHOLOGY OF ADOLESCENT AND YOUNG ADULT MEN IN MODERN AMERICAN SOCIETY?







Jenna Schroeder

San Diego State University

How does High Daily Caffeine Consumption affect the mental well being of adolescents pecifall between males and females?

Inquiry

Design

Quasi - Experimental

Method

Mixed Method (Survey)

The Goal: Evaluate whether or not gender plays a role in how an individual react to caffeine consumption.

Hypothesis: Males will have a more negative reaction to caffeine consumption

Tatum Cowie

Texas Christian University



WHAT ARE THE EFFECTS OF A SUCCESSFUL COLLEGE FOOTBALL TEAM ON NON-ATHLETE STUDENT EXPERIENCE AND INSTITUTIONAL UNITY IN THE U.S. ?

Research Outline

- Design: Descriptive
- Mixed Method
- Surveys and Interviews
- Qualitative Data

Results

- Larger sports programs → higher mental health in students and more unity in schools
- Likert Scale
- Many limitations



Landry Harder

Cal Poly San Luis Obispo

Diagnosis Of Alzheimer's Disease and its Impact on Grandchildren Compared to Other Close Family Members

Research Question:

What are the roles and responsibilities, effects on relationships, emotional responses, and coping mechanisms among grandchildren of Alzheimer's patients? Also, how do they compare with the impacts on other close family members such as spouses and adult children of Alzheimer's patients as the disease evolves?

Research Outline:

Design: Descriptive Non-experimental
Method Type: Mixed
Methodology: Survey and Interviews

Results:

- Likert scale summary data table
- Notes on interview subtopics

Discussion:

- Comparison using the data on grandchildren with literature on other close family members
- Interpretation of results
- Implications
- Limitations



Charlie Sabori

University of California, Santa Barbara



Charlie Sabori

“How does the relation between District X high school students' emotional and cognitive intelligence, as measured by academic success affect their social perceptions of peers?”

Established Correlations:

→ Emotional Intelligence impacts Academics

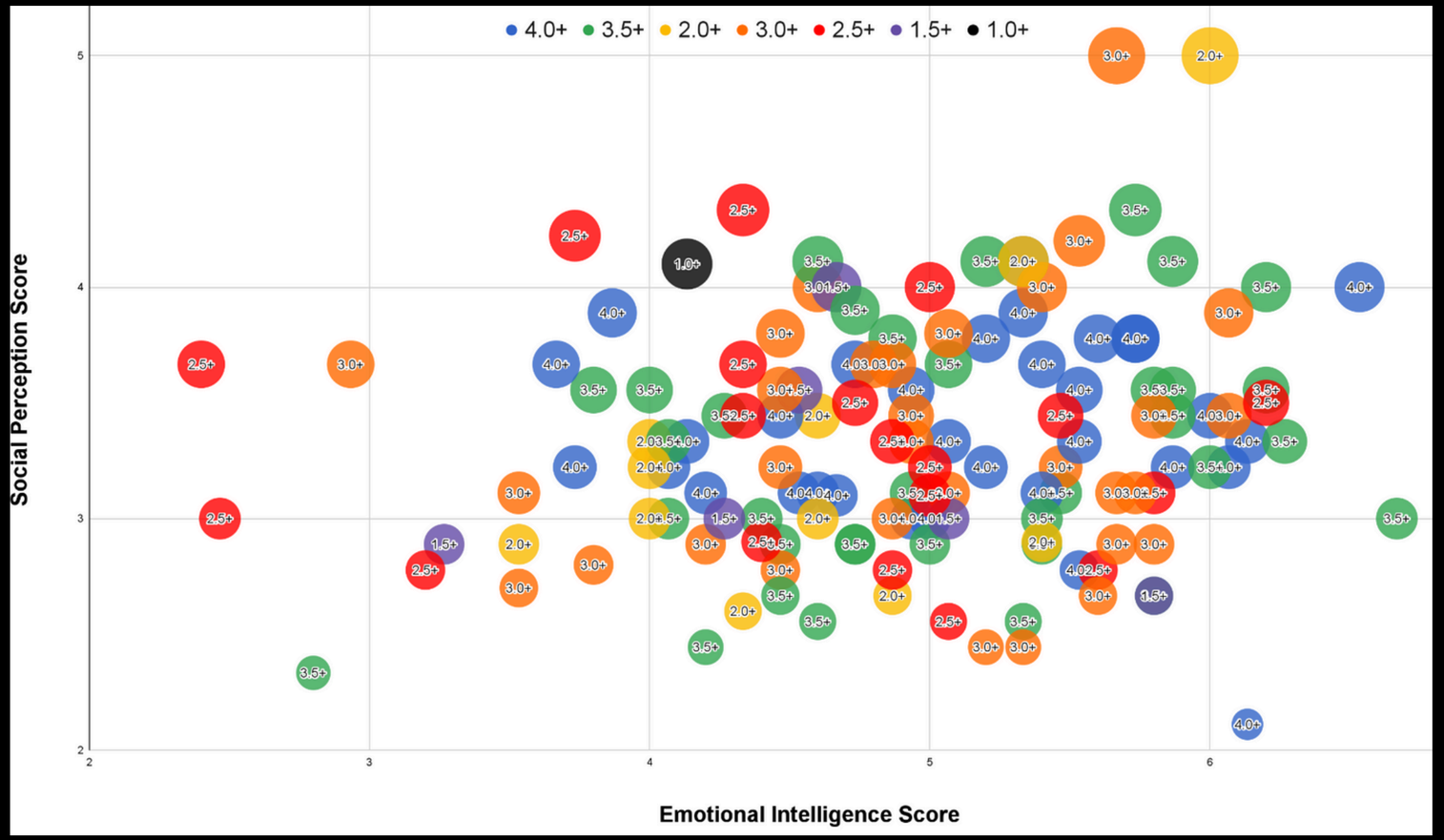
→Correlation between Cognitive intelligence and math abilities/GPA

→ Social Perceptions impacts students life, and standing social hierarchy

Multiple Linear Regression Calculator:

- Over all p=0.1632
- 0.1632 > 0.05
    - Failed to reject the null hypothesis

Results:





Joseth Groth

University of California, Berkeley

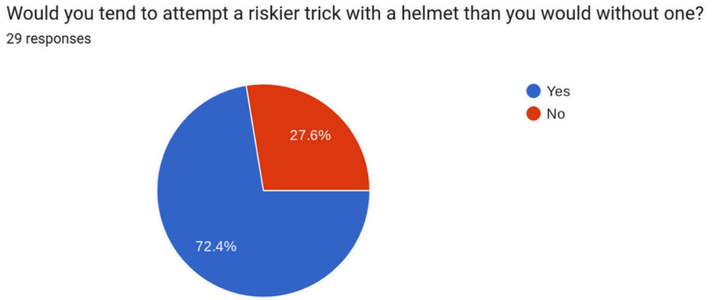


What is the relationship between the perceived safety of snowboard helmets and the actual severity of injury among recreational snowboarders in California, and how do factors such as age, skill level, and cost of equipment influence this relationship?

Method

-Mixed Method

-Case Study



Results

Reduce Injury

Pearson $r = -0.31$, $p = 0.017$

Injury severity

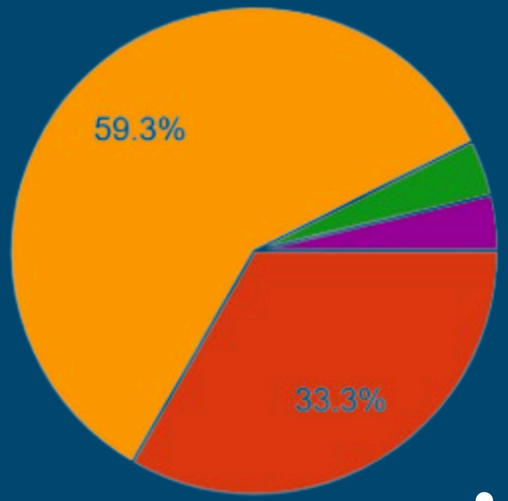
Pearson $r = 0.21$, $p = 0.09$



Hayes Hunton

Vanguard University

To what extent do adult leaders in the Orange County Boy Scouts of America (OCBSA) prioritize social-emotional learning (SEL) in their leadership development strategies for scouts, compared to a focus on traditional leadership skills?



Method

Mixed:
Qualitative
(Open-Ended Questions)
Quantitavie
(Survey)

Results

- Traditional skills seen as most impactful.
- SEL less emphasized by leaders.
- Focus leans toward task-based leadership
- SEL is recognized as important
- Opportunity to boost SEL in training

Graciela Mena

ORANGE COAST COLLEGE



Education Inequality

Research Question: How do Hispanic high school students' perceptions of academic challenges and experiences influence their post-graduation plans, particularly regarding higher education, and has the recent election shifted their views on the achievability and outcomes of these goals?

1.Mixed-Method

2. Ethnography

The Gap: Understanding Hispanic high school students' views of academic challenges, their cultural backgrounds, and recent political events shape their plans for the future, especially when it comes to higher education.

Data Collection: Survey & Interviews

IMPLICATIONS & LIMITATIONS

Maya Williams

University of California, Santa Cruz



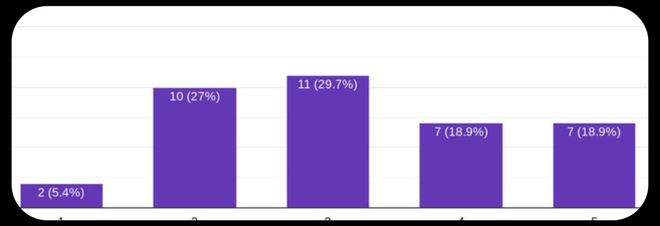
Methods:

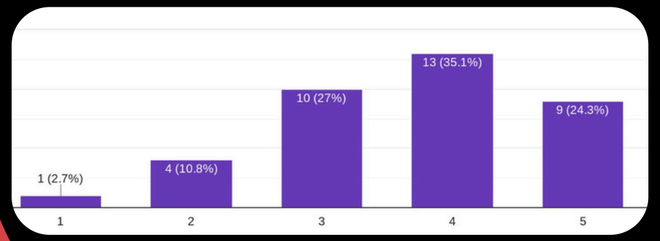
Qualitative

Survey

- Version A: Sonauto.ai
- Version B: Drown In My Own Tears by Ray Charles

How does the use of AI technology in songwriting production affect the authenticity and perception of traditional R&B styles?





- Participants couldn't accurately identify AI or not
- Indicated greater enjoyment towards human composed song
- Suggests a subconscious preference



Jake Humphries

University of Utah

SLEEP DEPRIVATION CORRILATION WITH SCHOOL START TIMES

?

How do student and teacher perceptions in School District X of the delayed start times for secondary schools in California relate to sleep deprivation and attentiveness in school?

Goal: 1.)Find out if the delayed start times helped
2.)Figure out who it hepled or who it effected

Methodology - Descriptive reserch

Method - Google Surveys/Teacher Intervies

Results



Thank you for coming!

