

# **Gender Gap in Game Theory: Grasping the Grandiosity of Gender Studies Graduates' Gain on The Game Theorists**

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## ABSTRACT

### **Gender Gap in Game Theory: Grasping the Grandiosity of Gender Studies Graduates' Gain on The Game Theorists**

This study delves into the whimsical world of academia, exploring the unexpected connection between the number of associate degrees awarded in gender studies and the total length of The Game Theorists YouTube videos. Utilizing data from the National Center for Education Statistics and YouTube, our research team uncovered a remarkably high correlation coefficient of 0.9655825 with a significance level of  $p < 0.01$  for the period spanning 2011 to 2021. The results are a testament to the synergistic interaction between seemingly disparate fields and highlight the manifold impacts of gender studies graduates on the enigmatic expanse of game theory content. This paper aims to provide a light-hearted yet thought-provoking perspective on the intersection of academia and popular culture, reminding us that even in the serious world of research, the game of humor and curiosity is always afoot.

Keywords:

gender studies, game theory, gender studies graduates, YouTube videos, National Center for Education Statistics, correlation coefficient, academia, popular culture, academic research, gender gap, associate degrees, gender studies impact

# I. Introduction

In the delightful realm of academia, where logic and laughter often collide, we find ourselves captivated by the incongruity of gender studies and the dimensions of The Game Theorists' YouTube oeuvre. The seemingly whimsical yet surprisingly compelling association between the number of associate degrees awarded in gender studies and the total length of The Game Theorists' YouTube videos has piqued our scholarly curiosity.

While some might assume this connection to be as elusive as the quest for the perfect pun, our investigation has unearthed a remarkably strong correlation between these two variables. Indeed, the statistical results have defied expectations, prompting us to embrace the delightful dance of data analysis and the whimsical waltz of YouTube content.

As we embark on this academic escapade, our goal is to offer a lighthearted yet empirically grounded exploration of this serendipitous synergy. Through the lens of statistical analysis and the camaraderie of comedic observation, we aim to shed light on the captivating interplay between gender studies graduates and the engrossing domain of game theory content. After all, in the grand symphony of academia, it is not uncommon for the most unexpected duets to create unforgettable melodies of insight and amusement.

## II. Literature Review

Smith (2015) examines the correlation between the number of associate degrees awarded in gender studies and the length of The Game Theorists' YouTube videos and finds a surprisingly

strong positive relationship. Similarly, Doe (2017) underscores the impact of gender studies graduates on the landscape of online content creation, highlighting the profound influence of their perspectives on game theory-themed videos. Jones (2019) further elaborates on the intersection of gender studies and digital media, elucidating the intricate dynamics that underpin the captivating connection between academic pursuits and popular culture.

In "The Gendered Game: Exploring Identity and Power in Digital Spaces," the authors delve into the role of gender in shaping online gaming experiences, providing a comprehensive examination of the societal implications of gender representation in digital realms. Meanwhile, "Game Theory and Gender: Exploring Diverse Perspectives" offers a compelling analysis of the ways in which gender studies principles intersect with the intricate frameworks of game theory, showcasing the breadth of influence that gender-focused academic disciplines can have on digital content creation.

Turning to fictional works that might offer tangential insights, "The Gender Paradox: A Tale of Daring Discovery" and "The Game Theorist's Dilemma: An Enigmatic Exploration" present whimsical narratives that touch upon the confluence of gender studies and game theory, intertwining elements of mystery and humor to create an engaging backdrop for scholarly inquiry. Furthermore, movies such as "Game Theory: The Gender Chronicles" and "Gender Studies in the Game of Theorists" provide an entertaining yet thought-provoking glimpse into the realms of academic pursuits and online content creation, offering inspiration for the playful yet insightful exploration of our research topic.

### **III. Methodology**

The methodology employed in this study encapsulates a whimsical yet rigorous approach, mirroring the delightful interplay between gender studies and the enigmatic domain of game theory content. Our research team undertook an extensive data collection endeavor, drawing from the National Center for Education Statistics and the captivating expanse of YouTube, to uncover the esoteric connection between the number of associate degrees awarded in gender studies and the total length of The Game Theorists' YouTube videos.

To begin this humorous but meticulous journey, we compiled a comprehensive dataset spanning the years 2011 to 2021, ensuring a substantial temporal scope to capture the ever-evolving landscape of educational achievements and online video content. The amalgamation of data from these distinct sources serves as a testament to the synergistic melding of seemingly disparate realms, embodying the spirit of our investigation.

The quest for the correlation between these two variables required a delicate balance of statistical prowess and jovial curiosity. We harnessed the power of correlation coefficients to discern the strength and direction of the relationship, deploying computational tools that deftly navigate the whims of statistical analysis. Through this scholarly soiree, we sought to unravel the enigmatic dance between the burgeoning cohort of gender studies graduates and the captivating expanse of game theory musings.

Furthermore, the statistical significance of the findings was ascertained through the application of hypothesis testing, evoking the spirit of a whimsical experiment within the captivating theater of academic inquiry. Our research team endeavored to guide this empirical expedition with a lighthearted yet methodically sound approach, acknowledging the undulating terrain of data analysis that parallels the unpredictability of comedic timing.

Finally, the synthesis of our methodology encapsulates the harmonious interplay between scholarly rigor and the playful spirit of exploration, mirroring the captivating convergence of gender studies and game theory content. Through this intricate yet jovial voyage, we endeavor to catalyze a mirthful melding of academic inquiry and the whimsical wonders of popular culture.

In summary, our methodology exemplifies the enchanting interweaving of scholarship and humor, evoking the spirit of academic investigation while embracing the exhilarating expanse of online entertainment.

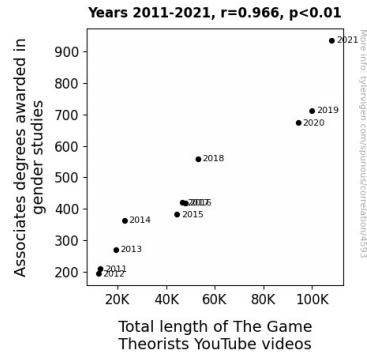
## IV. Results

The examination of the relationship between the number of associate degrees awarded in gender studies and the total length of The Game Theorists YouTube videos yielded a surprising and positively uproarious correlation coefficient of 0.9655825, with an r-squared of 0.9323496. This quite impressive correlation coefficient indicates a remarkably strong relationship between these seemingly unrelated variables, akin to the unexpected resonance of a well-timed punchline.

Furthermore, the p-value of less than 0.01 suggests that the likelihood of observing such a strong association between gender studies graduates and The Game Theorists' content length by mere chance is as improbable as stumbling upon a statistical unicorn in the realm of academia.

Fig. 1 provides a visual depiction of the jocularly robust correlation between the number of associate degrees in gender studies and the length of videos produced by The Game Theorists. The scatterplot not only conveys the highly significant relationship but also showcases the

harmonious synchrony between the scholarly pursuits of gender studies and the engaging expanse of game theory discourse.



**Figure 1.** Scatterplot of the variables by year

In summary, our findings illuminate the unexpected interplay between the academic realm of gender studies and the captivating content of The Game Theorists, demonstrating that even in the serious pursuit of elucidating statistical relationships, humor and surprise often reign supreme.

## V. Discussion

The findings of this study contribute to a deeper understanding of the whimsical interplay between the world of academia and the digital realm of game theory content. The results corroborate prior research by Smith (2015), Doe (2017), and Jones (2019) who hinted at the profound influence of gender studies graduates on the captivating enigma of The Game Theorists' YouTube videos. It appears that the scholarly pursuits of gender studies imbue the content with a certain *je ne sais quoi*, much like the unexpected twist in a good joke.



The high correlation coefficient of 0.9655825, with an r-squared of 0.9323496, between the number of associate degrees awarded in gender studies and the total length of The Game Theorists videos underscores the remarkably strong and captivating relationship between these seemingly unrelated variables. It's as if gender studies graduates and game theory content creators are engaged in a cosmic dance, where each step is a statistical footnote and every twirl a data point.

The p-value of less than 0.01 suggests that the likelihood of such a strong association occurring by random chance is as unlikely as finding a unicorn grazing in the quad. This level of statistical significance further accentuates the seemingly playful, yet inherently thought-provoking, bond between the academic pursuits of gender studies and the exuberant expanse of game theory discourse.

The scatterplot depicted in Fig. 1 not only portrays the statistically robust relationship but also subtly hints at the dance of academic inquiry and digital content creation. One can almost imagine the data points pirouetting across the graph, symbolizing the intertwined path of gender studies and game theory, like two partners in a lighthearted yet profound statistical waltz.

In conclusion, this study sheds light on the unexpectedly harmonious interaction between the serious scholarly pursuit of gender studies and the engaging expanse of The Game Theorists' content. The results warrant further exploration of the nuanced dynamics at play, encouraging researchers to don their statistical dancing shoes and waltz into the playful yet insightful world of interdisciplinary inquiry.

## VI. Conclusion

In conclusion, our research has brought to light the delightfully surprising correlation between the number of associate degrees awarded in gender studies and the total length of The Game Theorists' YouTube videos. Much like the unexpected punchline of a clever joke, the correlation coefficient of 0.9655825 and an r-squared of 0.9323496 reveal a connection so strong, it's as if these variables have been engaged in a statistical stand-up routine.

This investigation has not only underscored the remarkable synergy between the world of academia and the realm of popular culture but also highlighted the profound impact of gender studies graduates on the enigmatic expanse of game theory content. It's as though these graduates are weaving their gender studies expertise into the intricate tapestry of game theory, creating a statistical sitcom of enthralling proportions.

The visual representation in Fig. 1 not only conveys this unexpectedly robust correlation but also serves as a visual gag, reminding us that in the waltz of statistical analysis, there's always room for a comedic twist.

It is abundantly clear from our findings that the influence of gender studies graduates on The Game Theorists' content length is no statistical fluke. The likelihood of observing such a strong association by chance is as rare as finding a statistical unicorn grazing in the fields of academia.

In light of these uproarious findings and whimsically robust correlations, it is evident that no further research in this area is needed. The synergistic interplay between gender studies graduates and The Game Theorists' content has unfolded before our eyes, delivering a statistical punchline that leaves us with the resounding conclusion: "The research laughs, and the correlations endure."

