Jean Pockets and Gender*

subtitle

Hari Lee Robledo

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Fashion has long reflected and reinforced gender inequalities, with women's clothing often lacking functional pockets found in men's garments. A 2018 study by Jan Diehm & Amber Thomas on The Pudding revealed this discrepancy, highlighting inferior pocket functionality in women's jeans. This paper aims to reproduce these findings and explore if gender disparities extend to pricing. Using the same data, we analyze the correlation between prices of men's and women's jeans. Results suggest that women's jeans not only have smaller pockets but also tend to be more expensive. This study sheds light on gender inequalities in everyday products and their broader implications. [UPDATE according to findings]

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*Code and data are available at: https://github.com/hari-lr/pockets-and-gender

1 Introduction

Throughout history, women have faced numerous restrictions and limitations, often ingrained within societal norms and cultural practices. Among these limitations, the realm of fashion has served as both a reflection and an enforcer of gender-based inequalities. From ancient times to the modern era, clothing has been a means of expressing social status, cultural identity, and gender roles. However, while men's garments historically incorporated functional pockets, allowing them to carry essentials such as money, keys, and tools, women's clothing has often lacked this practical feature. Instead, women's garments have frequently been designed with form-fitting silhouettes, delicate fabrics, and ornamental details, prioritizing aesthetics over utility.

[ADD RESEARCH AND HISTORICAL CONTEXT]

In 2018, Jan Diehm & Amber Thomas published Womens´s Pockets are Inferior on The Pudding, a data-centric digital publication. In this paper, they "measured pockets in both men´s and women's pants in 20 of the US' most popular blue jeans brands" [CITE]. And "programmatically determined whether various everyday items could fit in an otherwise empty pocket in jeans that aren't being worn" [CITE]. Jan Diehm & Amber Thomas concluded that women´s pockets were less functional than men´s.

Using the data from the previously described article, this paper will graphically reproduce the results and examine whether there is a correlation between the prices of men's jeans and women's jeans. This will help better understand if gender inequality is only reflected in the jean´s pockets or in pricing as well. The findings revealed that (SPECULATION) [women´s jeans do not only have the smaller and less functional pockets, but also tend to be more expensive]

This paper is structured into the following sections: Data, which explains the collection and cleaning process; Results, presenting trends and correlations found in the data; Discussion, comparing and evaluating the data; and Conclusion, summarizing the findings.

2 Data

The data utilized in this paper was retrieved from The Pudding GitHub Site Portal, specifically the data collected by by Jan Diehm and Amber Thomas [CITE]. Data was collected, cleaned, and analyzed using the open-source statistical programming software R (R Core Team 2023). This process involved various packages within R, including tidyverse (Wickham et al. 2019), ggplot2 (**ggplot2?**), dplyr (**dplyr?**), readxl (**readxl?**), tibble (**tibble?**), janitor (**janitor?**), KableExtra (**kableExtra?**), knitr (**knitr?**), ggbeeswarm (**ggbeeswarm?**), and ggrepel (**ggrepel?**). A comprehensive description of the data gathering and cleaning process is provided in the following subsections. [MAKE SURE ALL LIBRARIES ARE CITED]

Table 1: Sample of Cleaned Pockets Data

brand	style	men_women	price
Arizona	skinny	women	42.0
Arizona	straight	women	42.0
Ralph Lauren	skinny	women	89.5
Ralph Lauren	straight	women	89.5
Uniqlo	skinny	women	39.9

[snap of raw data]

2.1 CSV Dataset and cleaning

Explain how the data was collected and measured.

2.2 JSON Dataset and cleaning

3 Results

4 Discussion

4.1 First discussion point

4.2 Second discussion point

4.3 Third discussion point

##Weaknesses and next steps

Appendix

References

R Core Team. 2023. *R: A Language and Environment for Statistical Computing.* Vienna, Austria: R Foundation for Statistical Computing. https://www.R-project.org/.

Wickham, Hadley, Mara Averick, Jennifer Bryan, Winston Chang, Lucy D'Agostino McGowan, Romain François, Garrett Grolemund, et al. 2019. "Welcome to the tidyverse." *Journal of Open Source Software* 4 (43): 1686. https://doi.org/10.21105/joss.01686.