

# Review of: "Deconstruction of Gender Dynamics and Its Implications for Gendered Inclusive Design: Application of Urban Big Data and Interpretable Machine Learning Method in India"

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The article titled "Deconstruction of Gender Dynamics and Its Implications for Gendered Inclusive Design: Application of Urban Big Data and Interpretable Machine Learning Method in India" attempts to delve into the complex issues of gender dynamics within urban spaces, aiming to uncover insights through the utilization of urban big data and interpretable machine learning techniques. Unfortunately, after a careful examination, it becomes apparent that the article falls short of delivering meaningful contributions to the field and is plagued by several critical shortcomings, and lacks any relevant interest in the matter. .

The abstract opens with a promising overview of the intricate intersections of inequality and difference, highlighting the various dimensions of class, gender, race, culture, age, and sexuality. While this sets the stage for a potentially insightful exploration, the subsequent discussion lacks depth and fails to provide any substantial novel insights. The references to prior scholarly work on gender inequalities in space occupation and power imbalances in urban environments merely reiterate existing knowledge without adding any fresh perspectives or critical analyses.

One of the major issues that undermine the credibility of this article is its lack of mathematical rigor. The authors attempt to incorporate quantitative research techniques and machine learning methods in their study, yet the execution of these methods appears to be problematic. The abstract references the use of "points-of-interest (POI), crime data, and street image data" to analyze the relationship between crime incidence and the urban environment. However, the abstract fails to elaborate on and properly assess the specific methodologies employed, rendering the discussion vague and leaving readers questioning the validity of the results. The absence of a clear explanation of the machine learning methods used and the interpretation of the results showcases a grave lack of understanding of the technical aspects of the research.

Furthermore, the abstract introduces the concept of fear as a determinant of women's movement patterns in urban places, acknowledging the existing gap in understanding the relationship between fear and safety in the built environment. While the integration of qualitative surveys to depict the number of women who experience fear is a commendable approach, the abstract dismisses the value of qualitative studies in understanding how fear impacts social and mental processes. This dismissal is not substantiated and overlooks the rich insights that qualitative research can offer in shedding light on the nuanced aspects of fear. It is additionally doubtful the usage of said element in a Architectural paper with no real

research into psychology and sociology, which both have a lot to say in the matter.

Overall, the article's abstract gives the impression of attempting to combine multiple research methods and frameworks without providing a cohesive narrative or clear methodology. The lack of clarity in the abstract's presentation of methods, data sources, and results significantly undermines its potential contribution to the field of gendered inclusive design in urban spaces. Moreover, the absence of critical engagement with existing literature and the inability to provide novel insights raise questions about the originality and scholarly rigor of the work.

In conclusion, the article titled "Deconstruction of Gender Dynamics and Its Implications for Gendered Inclusive Design: Application of Urban Big Data and Interpretable Machine Learning Method in India" falls short of meeting the standards. The inadequate mathematical understanding, and vague methodological description detract from its credibility and hinder its potential impact. As it currently stands, the article lacks the depth and rigor required to make a meaningful contribution to the discourse on gender dynamics and inclusive design in urban environments.

We advise the author to subdivide said article in multiple other articles and to provide more substantial research in the field it touches.