STATISTICAL MODEL FOR GENDER INEQUALITY

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ABSTRACT

Gender disparity stymies a country's development efforts around the world, particularly in developing countries. Gender equality means that men and women are both free to develop their strengths and make their own decisions. Gender inequality research is critical for society to improve its attitudes toward women. To test the effects of social issues on gender inequality, we used logistic regression to model. Using stepwise regression, we pick a collection of key issues. We were able to properly verify the model's sufficiency. We conclude that gender equality is unaffected by location, social class, or appreciation of women's role in religious activities. Age, nature of marriage, religious belief, dowry concerns, and equal voice in decision-making largely effects on gender inequality, according to the logistic regression. These factors can help you modify your social situation.

Introduction

In our country, from the ancient culture women is worshipped as a goddess. Women play important role in our society in every era. Afterward, traditional patriarchal customs and norms have relegated women to a secondary status within the household and workplace.

In the world, women face gender discrimination everywhere. But less gender equality creates problems for women as well as society. Women must have equal rights as men in the family as well as in society. The effect of gender discrimination on the different sectors and also social growth of any nation is the motivation of the study. In this paper, we are interested to find out the reasons behind gender inequality.

Gender equality refers to equitable treatment of men and women based on their individual needs.Gender inequality impacts on:

- Women's health over their lifetime.
- Women's educational attainment and economic conditions
- Women's Political empowerment

Although the constitution of India grants men and women equal rights, gender inequalities remain. Different inequalities occurred in various areas like Economic Inequalities, Educational Inequalities, Political Inequalities, Religious Participation, etc.

Literature Review

This research study looked into the reasons that contributed to gender disparity in Kyebi, Ashanti Region of Ghana.

Mavis Dako-Gyeke and Prince Owusu (2013) explored factors that perpetuated gender inequality in Kyebi, in the Ashanti Region of Ghana. Four causes were discovered to be at the root of gender inequality in the Kyebi community. These were cultural and traditional practices, gender socialization, poverty and discrimination in access to land.

The impact of relative socioeconomic position and perceptions of gender inequality in the marital relationship, in combination with domestic labour, on psychological discomfort was explored by L. Harryson et. al. (2012) using logistic regression analysis.

Sumanjeet S. (2016) explores numerous mechanisms that help countries close gender gaps as they grow. Why has the sex ratio gotten increasingly male-skewed with development, according to the author of the study? In addition, the author outlines several legislative options for addressing gender inequality.

Objectives

- To find out the causes of gender inequality in the Baramati Region.
- To study which factors most impact gender inequality.