

# **Understanding Domestic Violence against Women in a Rural Area**

## **A Case Study**

**Analysis by,**

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## Background

In recent years, domestic violence has emerged as a significant issue impacting people across different demographic groups. This case study explores the relationship between domestic violence and socioeconomic factors, with a particular focus on income distribution and age demographics.

## Objective

The main objective of this study is to examine the impact of domestic violence on income levels across various age groups, highlighting potential socioeconomic disparities linked to domestic violence.

## About Dataset

This dataset by Fahmida Choudary contains information on domestic violence against women in a specific rural area of a developing country. The data is collected to help understand the correlation between various socio-economic factors and domestic violence.

# Incidence of Domestic Violence by Income

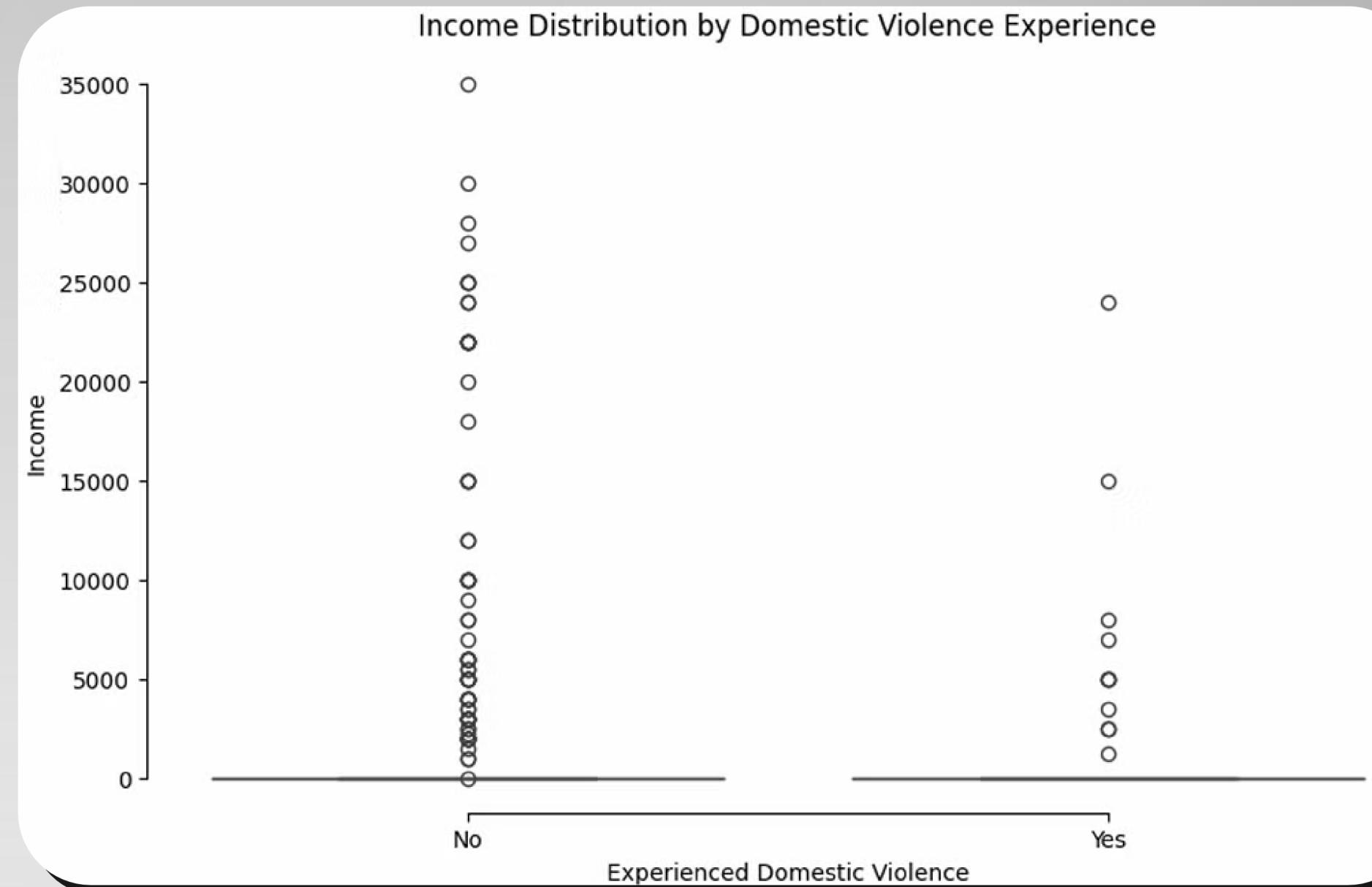
Individuals who experienced domestic violence consistently reported lower income levels compared to those who did not, regardless of their marital or employment status.

## Marital Status

Both married and unmarried individuals who experienced domestic violence had notably lower incomes than those who did not.

## Employment Status

Individuals affected by domestic violence consistently showed lower income levels compared to those unaffected, regardless of their employment status.

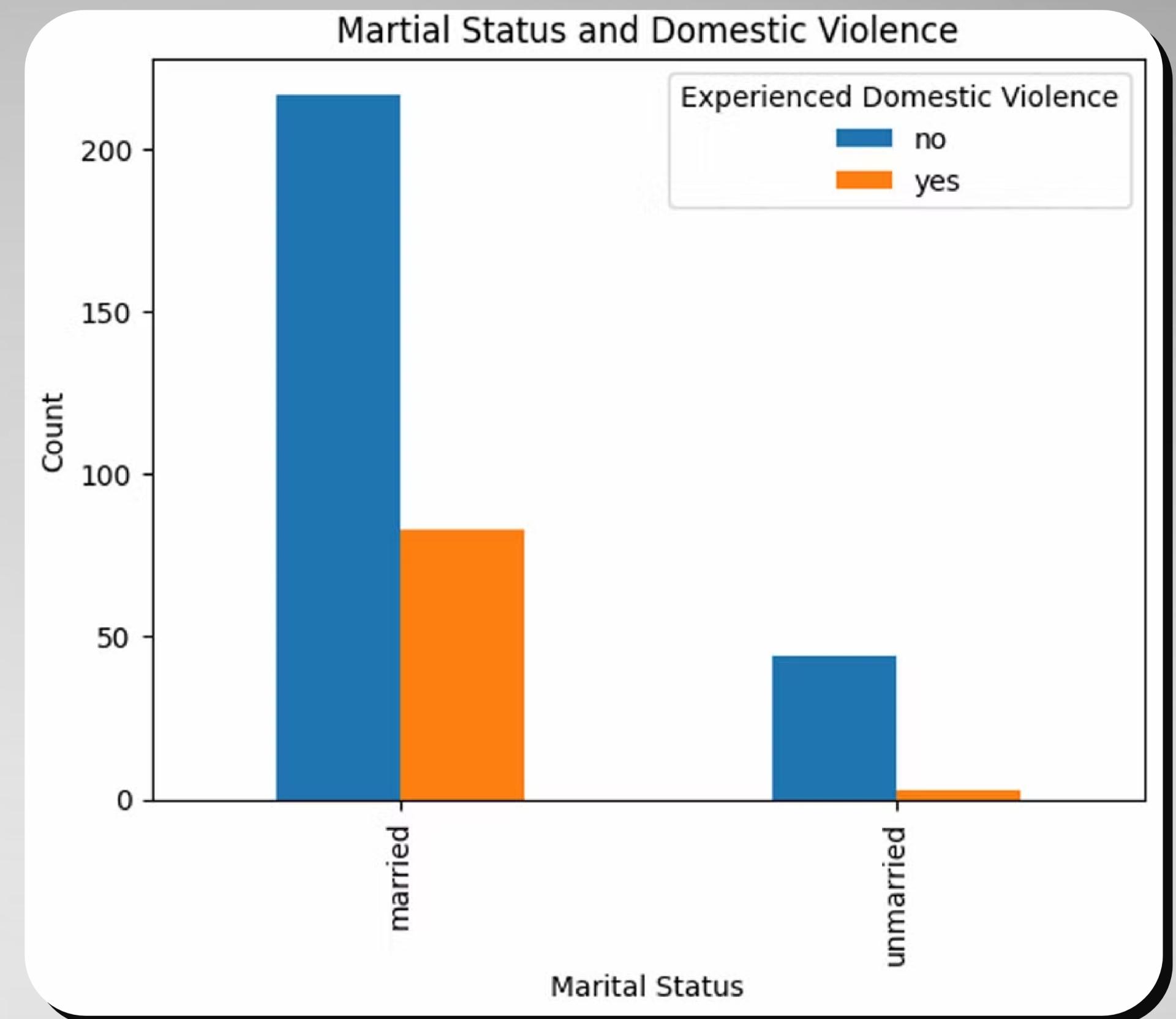


# Impact of Marital Status

The income gap between individuals who experienced domestic violence and those who did not was more pronounced among unmarried individuals.

## Unmarried Individuals

Unmarried victims of domestic violence were more likely to have lower incomes than their married counterparts, likely due to fewer shared financial resources or social support.

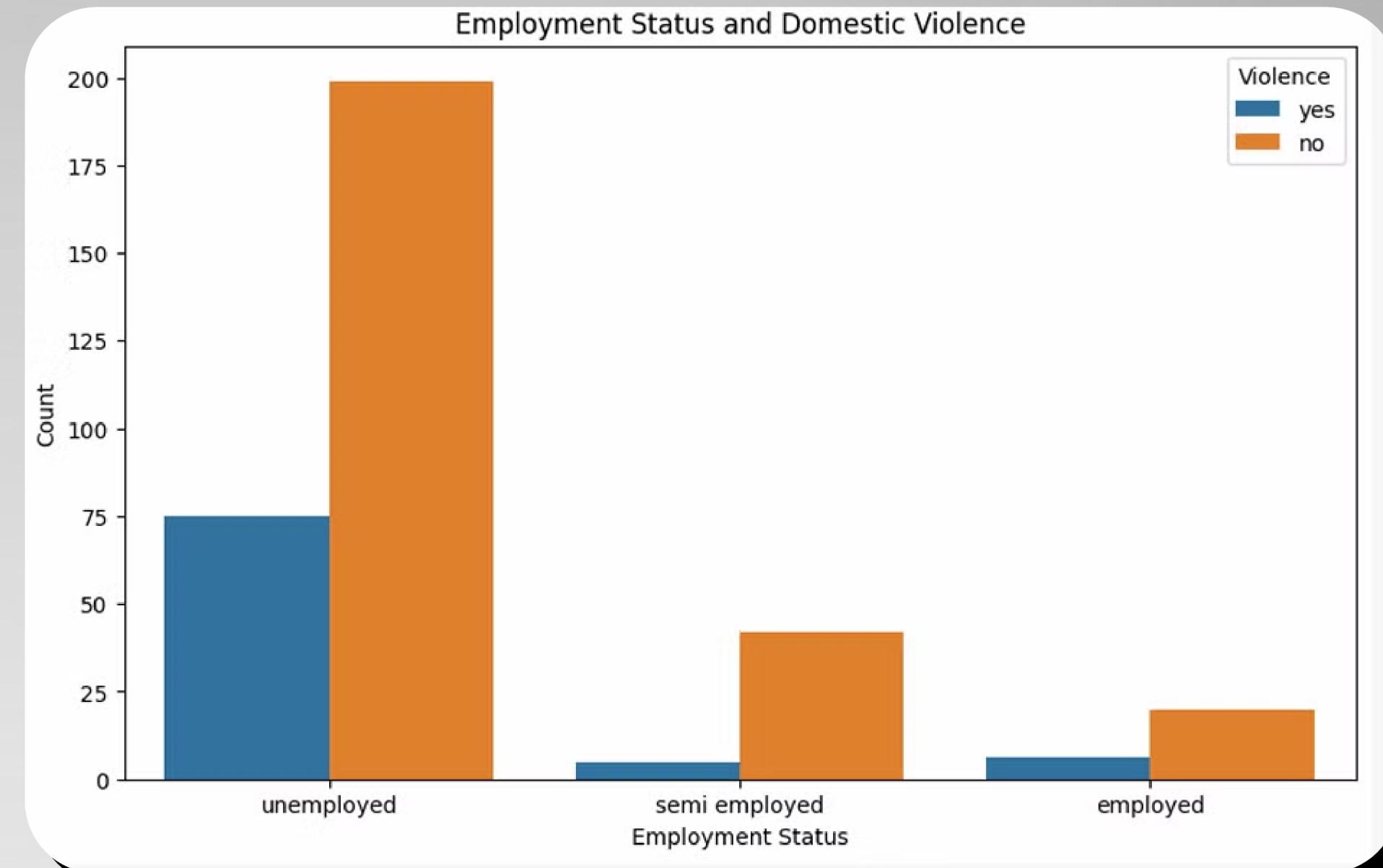


# Influence of Employment Status

The economic impact of domestic violence was most severe among those without stable, full time employment.

## Unemployed and Semi-employed

are individuals who were victims of domestic violence had significantly lower incomes than those who did not experience violence. This highlights the critical need for employment support and economic empowerment programs for domestic violence victims to help mitigate financial hardships

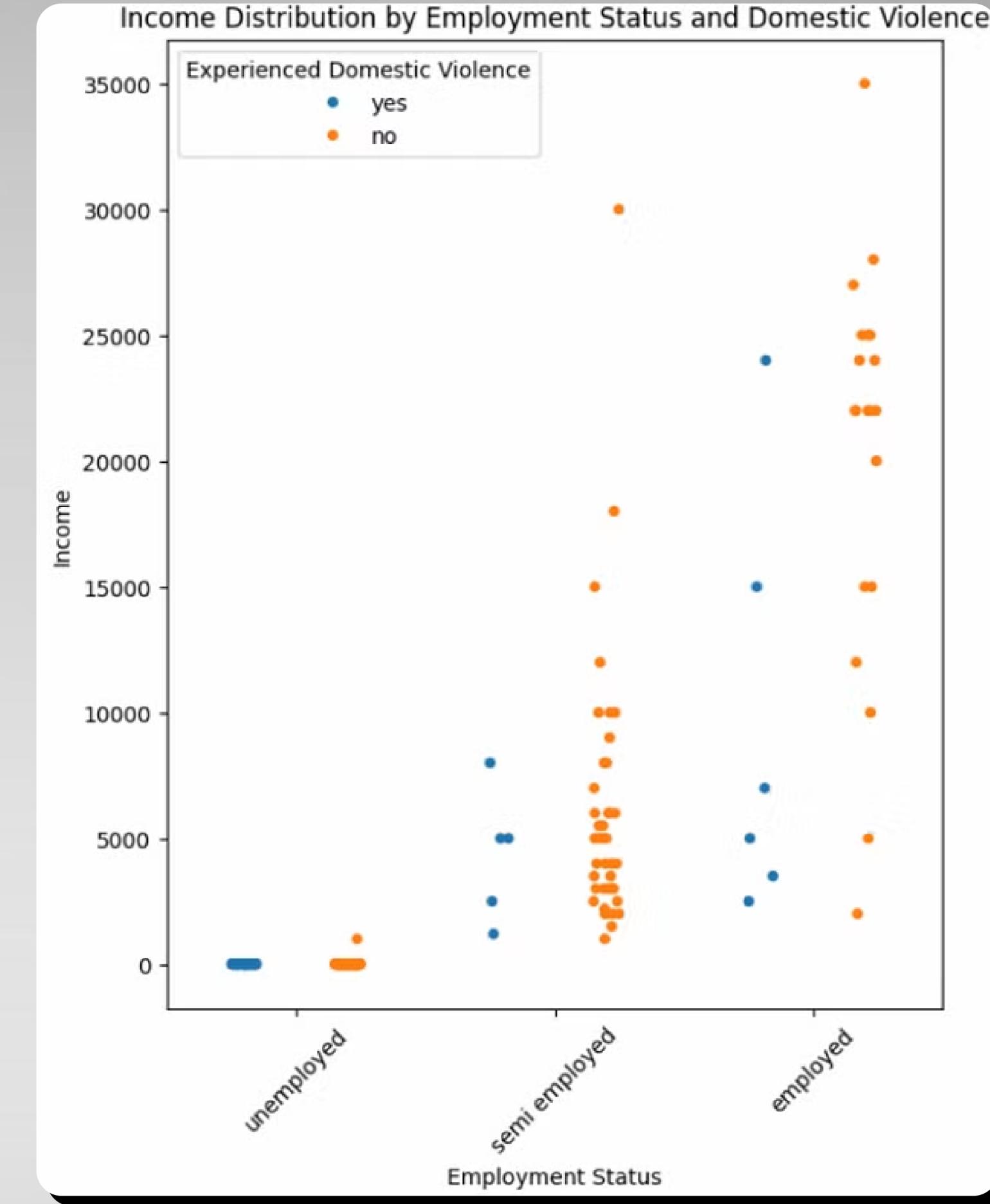
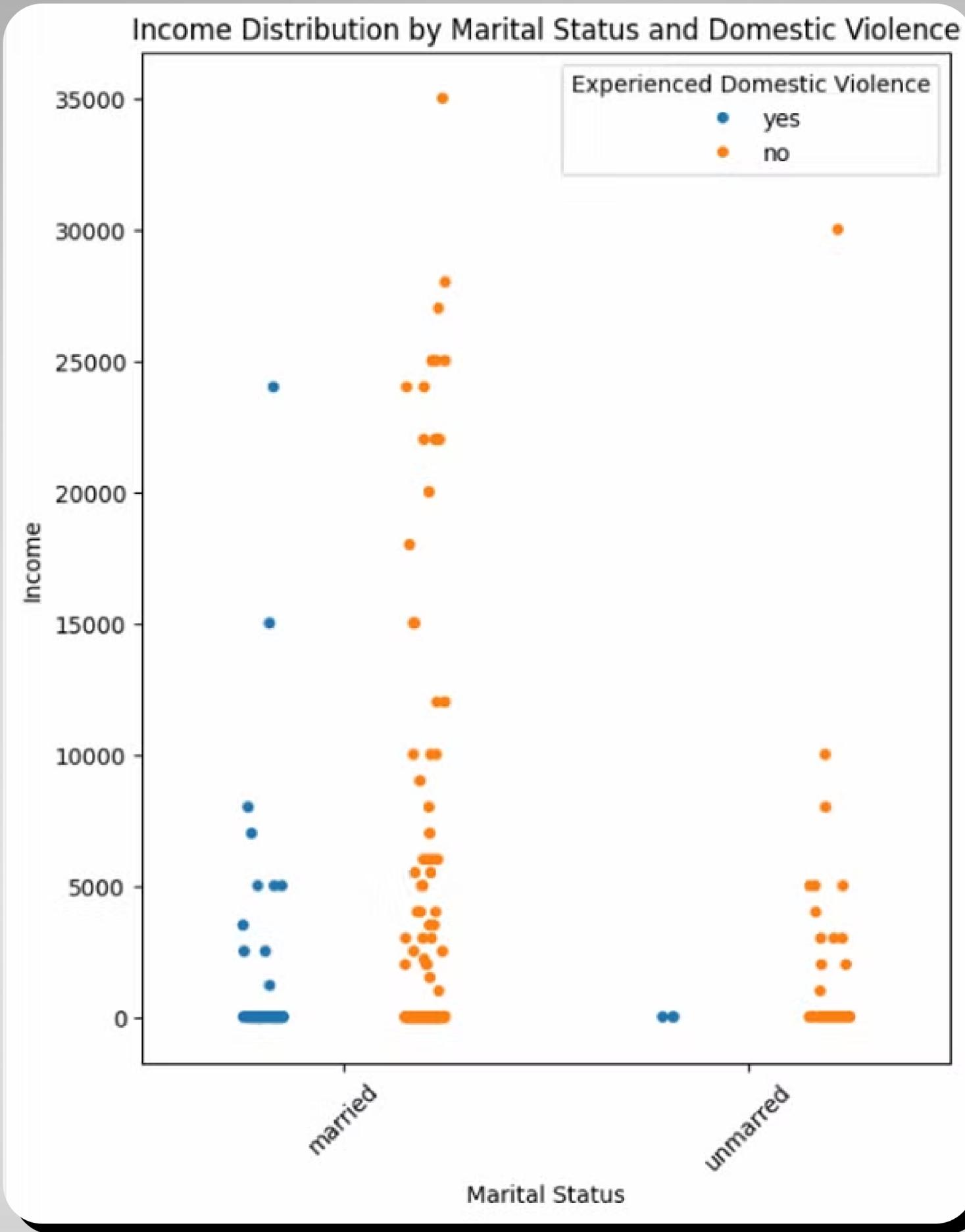


# Detailed Analysis

Income Distribution by Marital Status and Domestic Violence

v

Income Distribution by Employment and Domestic Violence



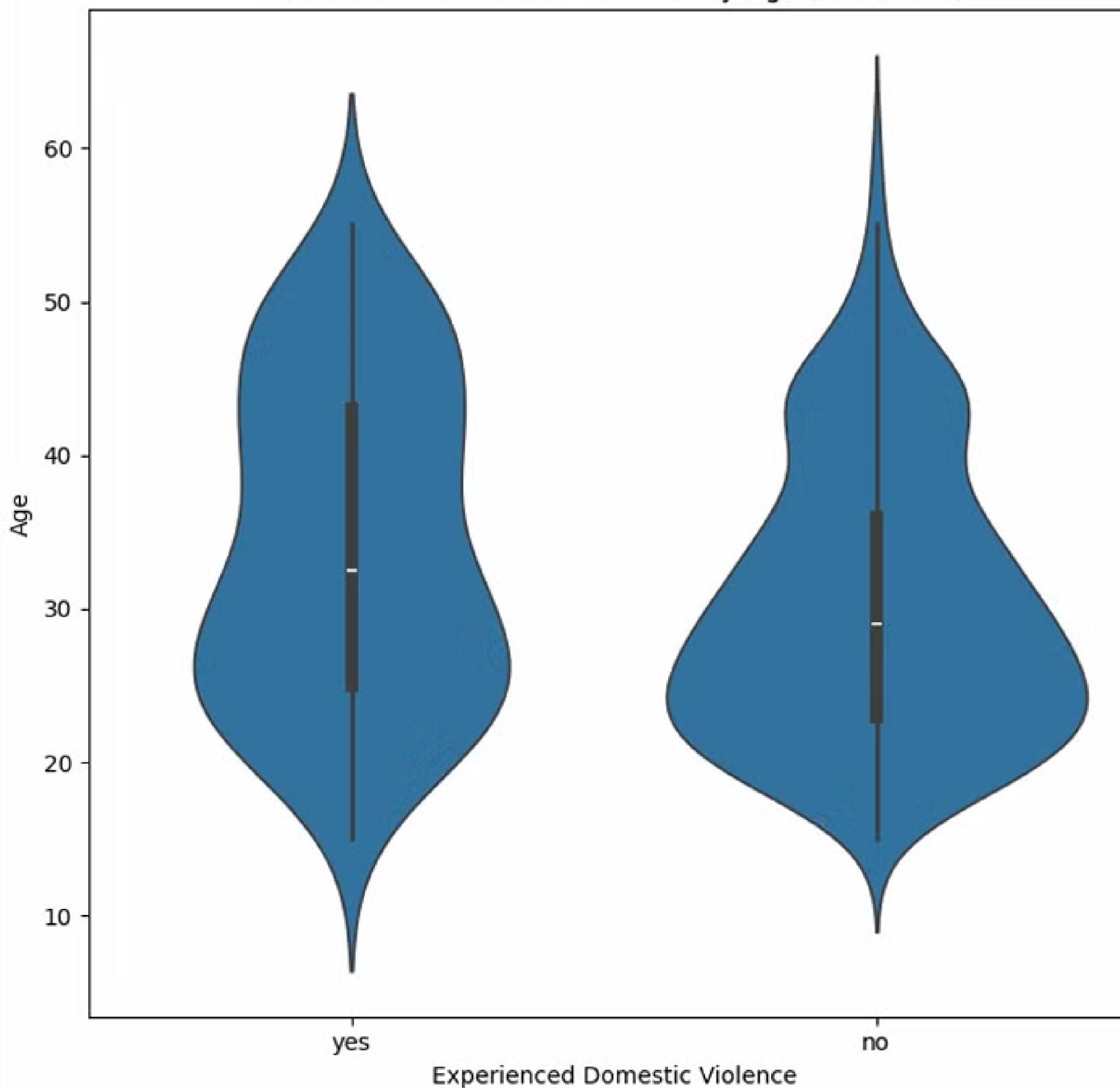
# Detailed Analysis

Incidence of Domestic Violence (Violin Plot)

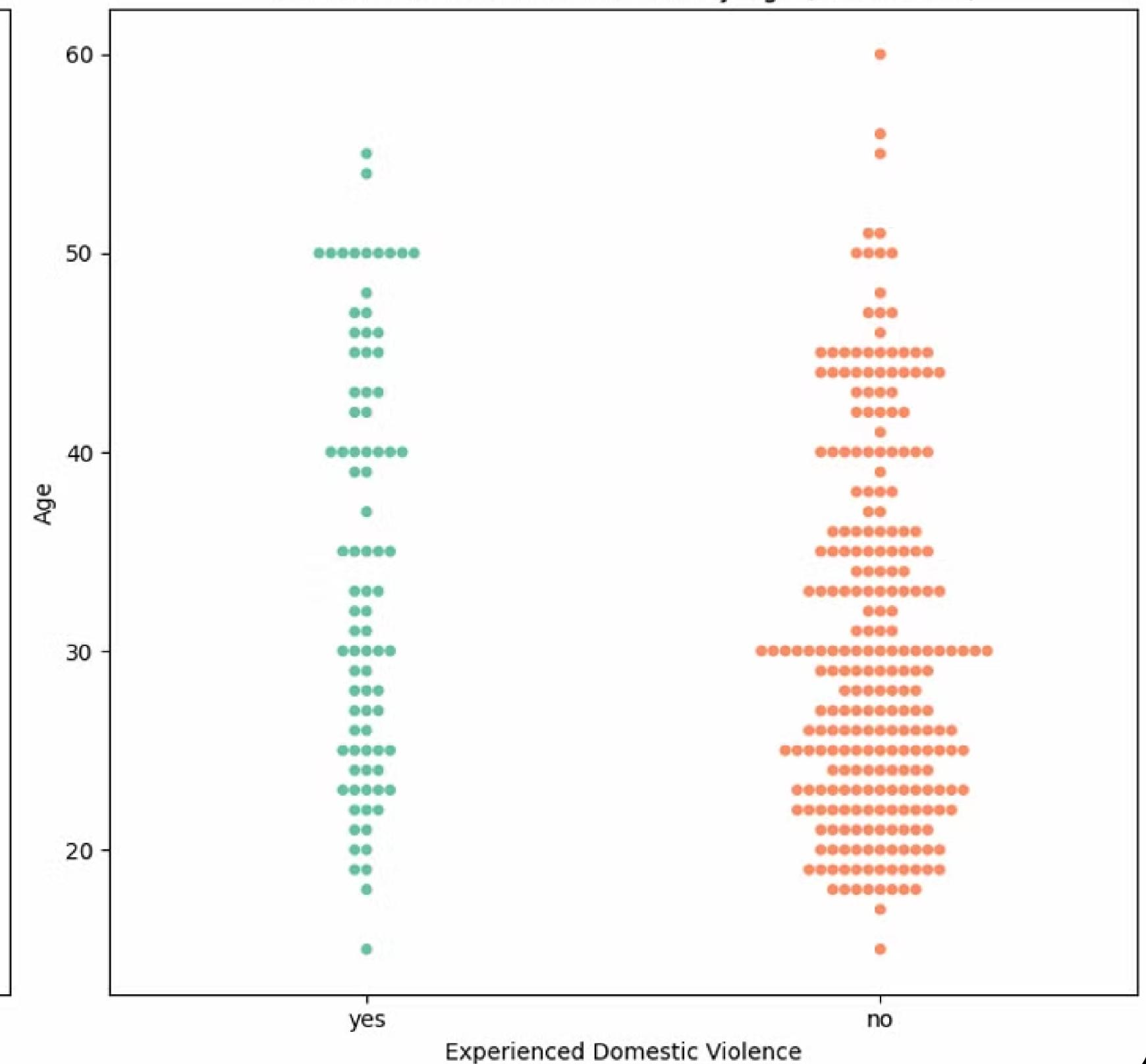
v

Incidence of Domestic Violence (Swarm Plot)

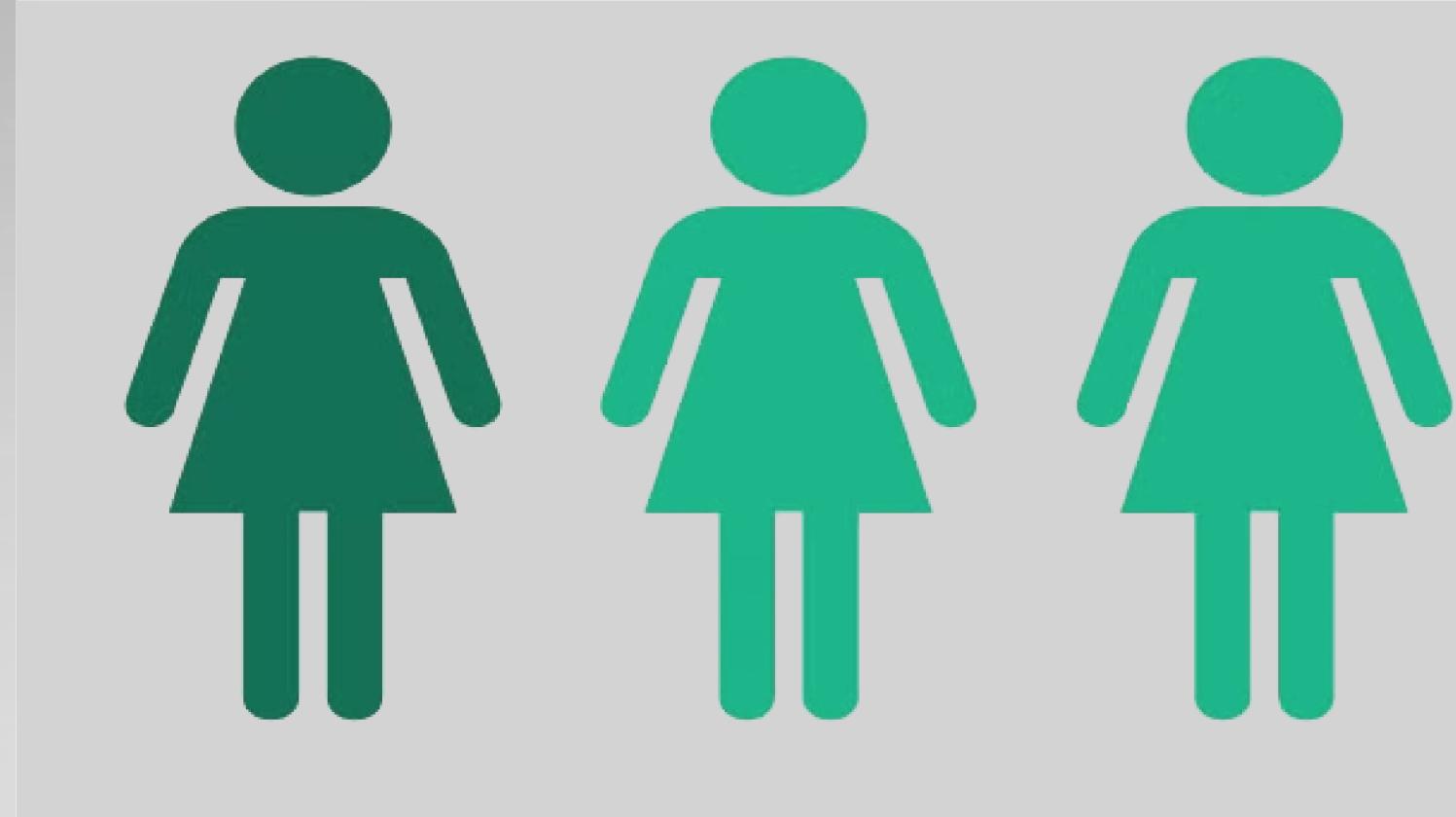
Incidence of Domestic Violence by Age (Violin Plot)



Incidence of Domestic Violence by Age (Swarm Plot)



# Fractional Representation



**1 IN 3**

In rural areas, approximately 1 in 3 individuals have experienced domestic violence

**1 IN 5**

Approximately 1 in 5 individuals in **(36-45)** age have experienced domestic violence

**1 IN 6**

Approximately 1 in 6 individuals in **(18-44)** age have experienced domestic violence

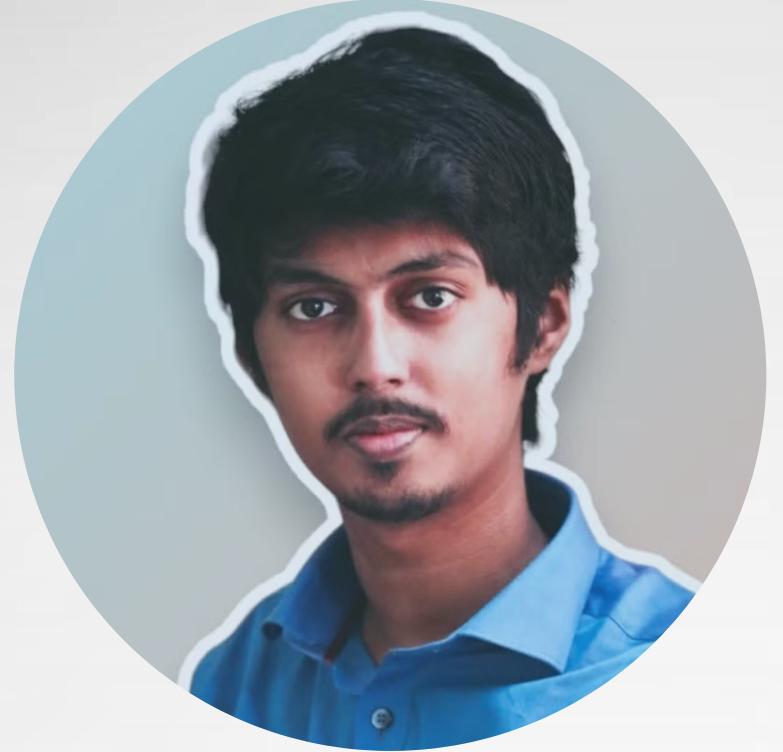
## Conclusion

The study underscores a clear link between domestic violence and socioeconomic outcomes, emphasising the need for targeted interventions to address income disparities among survivors

## Recommendations

- Policy initiatives should focus on economic support
- Awareness campaigns
- Enhanced support services for survivors

**Original Analysis and Report by**



# **Chathrapathi Sekaran**

**“Change starts with awareness”**



