



Research Laboratory for the Development of Ecuador

# Analysis of Violence Against Women.

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# *Research Question*

- How does employment influence the likelihood of experiencing violence within marriage or union in women?
- How is jealousy associated with the prevalence and perception of abuse in women in intimate partner relationships?



# ***Data and Methodology***



## **Data**

- National Institute of Statistics and Census (INEC)
- National Survey on Family Relationships and Gender Violence against Women (ENVIGMU).

## **Methodology**

- Data cleaning
- Construction of violence variables
- Test performance
- Comparison

# Results

1

Ø H0: The proportion of married women who have suffered violence is the same among those who work and those who do not work (1).

Ø H1: The proportion of married women who have suffered violence is different between those who work and those who do not work (1).

*2-sample test for equality of proportions with continuity correction*

*X-squared = 36.045, df = 1, p-value = 9.64e-10*

*alternative hypothesis: greater*

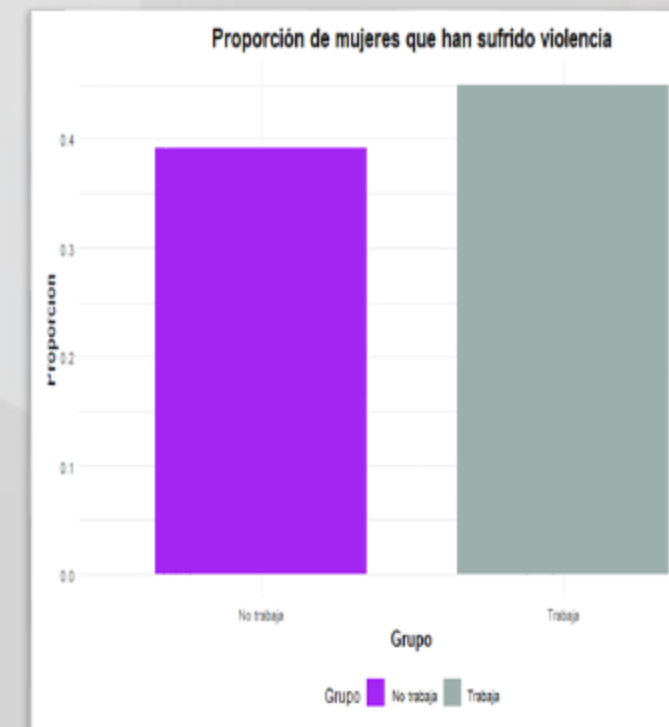
*95 percent confidence interval:*

*0.04208053 1.00000000*

*sample estimates:*

*prop 1 prop 2*

*0.4491349 0.3910603*



2

Ø H0: There is no difference in the proportion of women who believe that the abuse was due to jealousy versus those who do not believe it was due to jealousy (2).

Ø H1: There is a difference in the proportion of women who believe that the abuse was due to jealousy versus those who do not believe it was (2).

*2-sample test for equality of proportions with continuity correction*

*X-squared = 59.842, df = 1, p-value = 1*

*alternative hypothesis: greater*

*95 percent confidence interval:*

*-0.09952215 1.00000000*

*sample estimates:*

*prop 1 prop 2*

*0.4587894 0.5407639*



# *Analysis of Results*

Generality of the Content

