

# IMPACT OF GENDER EMPOWERMENT ON ECONOMIC GROWTH IN INDONESIA (2011-2021)

Gender Empowerment is one of the measures used to assess women's empowerment and the contribution of development to women.

## OBJECTIVE



Analyze how gender empowerment affects economic growth across Indonesia's 34 provinces using panel data regression analysis.



## FINDINGS



### Positive & Significant Impact on Economic Growth

- PMTB (0.37%)**: Increased investment positively influences growth.
- IPM (3.75%)**: Higher human development correlates strongly with economic improvement.

## KEY VARIABLES STUDIED

- Gender Empowerment Index (IDG)
- Gross Fixed Capital Formation (PMTB)
- Human Development Index (IPM)
- Population
- Unemployment Rate (TPT)
- Poverty Rate (PPM)



### Negative Impact on Growth

- Population**: An increase in population negatively impacts per capita GDP (**-1.13%**).



### No Significant Impact

- IDG**: Gender empowerment shows a positive but statistically insignificant effect, potentially due to low female representation in politics and formal employment.
- Unemployment (TPT)**: Does not significantly affect economic growth.
- Poverty (PPM)**: No significant impact on growth, aligning with prior studies.



## MODEL PERFORMANCE

- Fixed Effect Model** chosen through statistical tests (Chow and Hausman tests).
- R-squared: 99.41%** of economic growth variations are explained by the variables in the model.



## CONCLUSION

While investments and human development significantly drive growth, gender empowerment's influence remains limited without broader female participation in politics and the formal economy.