

***REGRESSION ANALISYS PANEL DATA OF THE FACTORS  
THAT AFFECT PROVERTY IN DIY***

***( Case Study : Data Human Development Index ( HDI ), Gross Domestic Regional  
Product ( GDRP ), Population to Poverty in DIY 2010-2017 Years )***

**Meyke Indah Puspitasari**

***Department of Statitics, Faculty of Mathematics and Natural Sciences***

***Islamic University of Indonesia***

**ABSTRACT**

*Poverty is a condition where a person is not able to meet basic needs such as food, clothing, shelter, education and health. DIY is a province of Indonesia located in the three poorest population in Indonesia, and the poorest in Java.*

*This research was conducted to analyze how variables influence the IPM, PDRB and population to poverty in the DIY 2010-2017 year and in this study using the method of regression analysis data, panel data is combination of data cross section and time series data residing in a given unit of the same cross section measured in different times. the results obtained are descriptive in the independent variables the dependent variable impact. The variable is positive and significant effect of the IPM against poverty, while the variable is negative and significant influential PDRB against poverty and population variables have no effect against poverty in DIY.*

***Keywords: Poverty, IPM, PDRB, Population to Poverty dan Regression Panel data***