

V. CONCLUSION AND IMPLICATION

A. Conclusion

Based on the results of research and discussion, the conclusions this study are:

1. Road, water, education and health infrastructures have simultaneously effect on economic growth of Central Java in 2011-2015.
2. a. Road infrastructure has a positive and significant effect on economic growth in Central Java in 2011-2015.
b. Water infrastructure has a positive and significant effect on economic growth in Central Java in 2011-2015.
c. Educational infrastructure has a positive and significant effect on economic growth in Central Java in 2011-2015.
d. Health infrastructure has a positive and significant effect on economic growth in Central Java in 2011-2015.

B. Implication

Based on the conclusion, the implications in this research are:

1. Infrastructure proved to have an effect on economic growth, therefore to promote sustainable regional economic growth, the government needs to prioritize the development of economic and social infrastructure that have a large contribution to regional economic growth in order to encourage the growth of national economy.
2. a. Road infrastructure has a positive and significant effect on economic growth. The development of road infrastructure needs to be improved

not only the increase of the length to promote economic growth, but also the quality of road services for users such as providing longer asphalted roads with good condition.

- b. Clean water which is a basic necessity has a positive and significant effect on economic growth, therefore it needs to get serious attention in terms of equity and availability.
- c. Infrastructure that contributes greatly to economic growth is the education infrastructure, so the improvement of educational facilities needs to be paid attention, especially in remote areas, so that people in remote areas can easily access education. In addition to the improvement of educational facilities, the quantity and quality of the teaching staff also need to be improved.
- d. Health infrastructure has a positive and significant effect on economic growth, therefore the Central Java Provincial Government should appeal more actively in improving health facilities by providing free and integrated health services for the society, especially the poor people in order to improve the health and nutrition status of the community so that productivity of society also increases.

C. Limitation

Limitations in this study are on the time period and the variables used. This study only takes five years from 2011 to 2015 and uses only four variables, namely road, water, education and health infrastructure due to the limited available data.