Dampak Investasi Sumberdaya Manusia Terhadap Pertumbuhan Ekonomi dan Kemiskinan di Provinsi Papua Barat: Pendekatan Model Computable General Equilibrium

The Impact of Human Capital Investment on Economic Growth and Poverty in West Papua: Computable General Equilibrium Model Approach

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ABSTRACT

The research objectives are to analyze impact of human capital investment on economic growth and poverty incidence in West Papua. Analysis is using a combination of Computable General Equilibrium (CGE) Model and Foster–Greer-Thorbecke Method. The human capital investment is represented by government expenditure for education and health. The simulation results show that human capital investment is able to increase economic growth and household income. Head count index, poverty gap index and poverty severity index also decrease except for non-labor household group in the urban area. Human capital investment for education gives more benefit to household in rural area than those in urban area, especially for farm-laborer and agriculture entrepreneur household groups in the rural area, while investment for health gives more benefit to non-agricultural high income household group in urban area.

Key words: Computable General Equilibrium model, Foster-Greer-Thorbecke, Human Capital Investment, Economic Growth, Poverty