

Modal Manusia, Total Factor Productivity, dan Pertumbuhan Ekonomi Regional di Indonesia = Human Capital, Total Factor Productivity, and Regional Economic Growth in Indonesia

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Abstrak

Penelitian ini bertujuan untuk menganalisis pengaruh modal manusia terhadap pertumbuhan ekonomi regional di Indonesia. Modal manusia diduga berpengaruh terhadap pertumbuhan ekonomi secara langsung dalam proses produksi, serta secara tidak langsung melalui Total Factor Productivity (TFP). Penelitian ini menggunakan metode analisis data panel provinsi-provinsi di Indonesia dalam rentang 2004-2012. Hasil empiris menunjukkan bahwa modal manusia, yang diwakili oleh tenaga kerja berpendidikan minimal SMA, berpengaruh positif terhadap pertumbuhan ekonomi regional di Indonesia. Sementara modal manusia, yang diwakili oleh penduduk berpendidikan minimal SMA, berpengaruh positif terhadap pertumbuhan TFP regional di Indonesia dalam periode 2006-2012, baik secara langsung melalui inovasi domestik dan secara tidak langsung melalui efek spillover. Hasil lain dari penelitian ini menunjukkan bahwa modal fisik berpengaruh positif terhadap pertumbuhan ekonomi regional di Indonesia. Selain itu perbedaan pertumbuhan rasio modal fisik per tenaga kerja regional berpengaruh positif terhadap perbedaan pertumbuhan output per tenaga kerja regional.

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This research aims to analyze the influence of human capital on regional economic growth in Indonesia. Human capital expected takes effect on economics on production process and indirectly through Total Factor Productivity (TFP) growth. This research was using panel data analysis method of provinces in Indonesia in period 2004-2012. Empirical result shows that human capital, represented by labor with minimum high school educated, has positive effect on regional economic growth in Indonesian. Meanwhile, the effect of human capital that represented by population with minimum high school educated has positive effect on regional TFP growth in Indonesia period 2006-2012, directly through domestic innovation and indirectly through spillover effect. This research also shows that physical capital has positive effect on regional economic growth in Indonesia. Furthermore, the difference of physical capital ratio growth per regional labor has positive effect on the difference of regional economic growth per regional labor.