

# Pengaruh ekspor terhadap pertumbuhan produktivitas industri pengolahan karet dan barang karet di Indonesia = The effect of export on productivity growth of rubber manufacturing industries in Indonesia

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## Abstrak

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Industri Pengolahan Karet dan Barang Karet di Indonesia mempunyai potensi yang besar untuk dikembangkan. Penelitian ini bertujuan untuk menganalisis pengaruh ekspor terhadap pertumbuhan produktivitas industri pengolahan karet dan barang karet di Indonesia. Pertumbuhan Produktivitas dihitung dengan Data Envelopment Analysis dan didekomposisikan menjadi perubahan efisiensi serta perubahan teknis. Dari hasil estimasi didapat bahwa pertumbuhan produktivitas industri pengolahan karet dan barang karet di Indonesia masih relatif rendah. Fixed Effect Model digunakan untuk menganalisis pengaruh ekspor terhadap pertumbuhan produktivitas. Hasilnya menunjukkan bahwa perusahaan yang berorientasi ekspor mempunyai pertumbuhan produktivitas yang lebih tinggi. Perusahaan yang melakukan ekspor akan cenderung untuk berinovasi dan meningkatkan teknologi untuk bertahan di pasar internasional sehingga memiliki produktivitas yang relatif lebih tinggi dan stabil.

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Rubber manufacturing industries in Indonesia has the opportunity to be world's leading producer. This research aims to investigate the effect of export on productivity growth. Data Envelopment Analysis (DEA) is use to compute Malmquist productivity Index as a measurement of productivity growth. Productivity growth decomposed into efficiency change and technical change. The estimation shows that productivity growth of rubber manufacturing industry is stil relatively low. Fixed Effect Model used to analyse the effect of export on productivity growth with 226 sample of firm. The result shows that a export oriented firms performed a significant role to productivity growth. Exporters tend to increase innovation and technology to improve their productivity;Rubber manufacturing industries in Indonesia has the opportunity to be world's leading producer. This research aims to investigate the effect of export on productivity growth. Data Envelopment Analysis (DEA) is use to compute Malmquist productivity Index as a measurement of productivity growth. Productivity growth decomposed into efficiency change and technical change. The estimation shows that productivity growth of rubber manufacturing industry is stil relatively low. Fixed Effect Model used to analyse the effect of export on productivity growth with 226 sample of firm. The result shows that a export

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