Aktivitas Ekspor dan Inefisiensi Teknis Industri Andalan Ekspor Indonesia = Export Activities dan Technical Inefficiency in Indonesia`s on Indonesia`s Mainstay Export Industry

Rika Betty Nurindah Rustiawati, author

Abstrak

Penelitian ini meneliti bagaimana pengaruh aktivitas ekspor terhadap inefisiensi teknis pada industri andalan ekspor Indonesia dengan menggunakan data level perusahaan yang bersumber dari Survei Industri Besar Sedang BPS periode 2010 sampai dengan 2014. Penelitian ini menggunakan model stochastic frontier dengan one step approach yang diterapkan pada fungsi produksi translog. Hasil dari penelitian ini adalah aktivitas ekspor berpengaruh terhadap tingkat efisiensi perusahaan, yang mana industri yang tergolong dalam industri dengan tingkat teknologi rendah memiliki tingkat inefisiensi yang lebih rendah dibandingkan industri dengan tingkat teknologi tinggi.

.....Inefficiency of Indonesian manufacturing sector has been the concern of many parties because of importance of this sector for the Indonesian economy and several studies have been conducted to determine the source of these inefficiencies with different approaches. This study examines the effect of export activity on the technical efficiency. As we know that in this era of globalization or trade opennes many firms have adopted an export-oriented strategy to seek their organic growth. We do so by using firm level panel data taken from Annual Survey of Manufacturing conducted by BPS for the period 2010 to 2014 and focus on Indonesia’s mainstay export industry which is divided into two types, resource-based exports and technology-based exports. A stochastic frontier model is applied to the translog production function to estimate firm level technical efficiency. In general we expect a positive relationship between export activities and firm’s efficiency. The implication is that firms can learn more and understand the market of their products, thereby improving their performance.