

## **Livestock Production in Vietnam: Technical Efficiency and Productivity Performance Based on Regional Differences**

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**Abstract :** This study aims to measure technical efficiency and examine productivity performance of livestock production in regions of Vietnam based on a panel data of 2008–2012. After four years, although there are improvements in efficiency of some regions, low technical efficiency, poor performance of productivity and its compositions are dominant features in almost regions. Households which much depend on livestock income in agricultural income or agricultural income in total income are more vulnerable than the others in term of livestock production.

**Keywords :** data envelopment analysis, meta-frontier, Malmquist, technical efficiency, livestock production

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