

Model-Assisted Estimation of Lao Household Business Income

by

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ABSTRACT

Lao Expenditure and Consumption Survey was able to capture household-based business. However, problems like small sample size, coverage, non-response and missing data in general, lead to estimates of income from household-based business by industry section with large standard errors. In this study, we propose a model-based and a model-assisted estimation procedure of household business income. Results show that model-assisted estimation procedure provides estimates with reasonable standard errors by industry section.

Keywords: Design-Based Estimation, Linear Regression Model, Model-Based Estimation, Model-Assisted Estimation, Bootstrap.