Assessing the Accuracies of the Modified FLQ visa-viz CHARM in Generating RIOTs: Case Study of Gilan Province, Iran

Topic: 809A Regional IO Modelling (1)
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Using the prevailing non-survey methods to estimate the RIOTs has been a common practice in Iran. Due to the lack of survey-based RIOTs in Iran, the reliabilities and accuracies of the estimated tables have been the major concerns both for the researchers as well decision makers at the regional. The main aim of this article is to empirically investigate these concerns. For this purpose we attempt to use a modified FLQ formula which is prone to Cross-Hauling and CHARM which explicitly takes into account of Cross-Hauling to estimate the RIOTs of Gilan Province. Then on the basis of statistical methods, we assess the accuracies of the estimated tables with the currently available survey-based table. The overall results reveal that as compared to CHARM, the modified FLQ formula overestimates the sectoral output multipliers of Gilan province.