Bias and variability in the estimation of multipliers: an experiment with supply and use tables

Topic: Bias and estimation methods in input-output tables
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The general idea when input-output multipliers are estimated is that traditional Leontief inversion produces little bias in the results. In this paper we suggest changing the way of approaching the multiplier estimation problem, imposing the effect of a stochastic term on the supply and use tables. The results obtained by a Monte-Carlo experiment indicate that, in some cases, it would be preferable to obtain econometric estimate rather than traditionally computed multipliers