ON INCONSISTENCY OF HELLWIG’S VARIABLE CHOICE METHOD IN REGRESSION MODELS

Tadeusz Bednarski and Filip Borowicz

Institute of Economic Sciences, Faculty of Law, Administration and Economics, University of Wroclaw
Uniwersytecka 22/26, 50–145 Wroclaw

e-mail: t.bednarski@prawo.uni.wroc.pl
e-mail: f.borowicz@prawo.uni.wroc.pl

Abstract

It is shown that a popular variable choice method of Hellwig, which is recommended in the Polish econometric textbooks does not enjoy a very basic consistency property. It means in particular that the method may lead to rejection of significant variables in econometric modeling. A simulation study and a real data analysis case are given to support theoretical results.

Key words and phrases: model choice, econometric modeling.

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References


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