The Wild Bootstrap for Multiway Clustering *

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Abstract

Many datasets involve observations which are grouped – or clustered – in one or several dimensions. While robust inference with single-way clustering and few clusters has received a great deal of attention in the literature, robust inference with multiway clustering and few clusters has received less attention and has proved challenging. We propose a bootstrap method which improves inference considerably.

Keywords: CRVE, grouped data, clustered data, wild bootstrap, wild cluster bootstrap, robust inference, multiway clustering

Preliminary and Incomplete

For Stata code please email matt.webb@carleton.ca.