

Statistics Seminar
Department of Mathematical Sciences

DATE:	Thursday, March 15, 2019
TIME:	1:15pm - 2:15pm
LOCATION:	WH 100E
SPEAKER:	Mengyu Chen, Binghamton University
TITLE:	Signed rank based empirical likelihood for the symmetric location mode

Abstract

The empirical likelihood approach was proposed by Owen to construct nonparametric confidence regions for finite dimensional parameters under a fixed number of known constraints. In this paper, an Wilks type theorem is derived where the number of constraints is allowed to grow at the rate $o(n^{2/5})$.

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