

Statistics Seminar
Department of Mathematical Sciences

DATE:	Thursday, Feb. 3, 2022
TIME:	1:15pm - 2:15pm
LOCATION:	Zoom meeting
SPEAKER:	Qiqing YU, Binghamton University
TITLE:	Interval Estimation For The Parameters Under The Uniform Distribution $U(a,b)$

Abstract

Revisit interval estimation for the parameters under the uniform distribution $U(a,b)$. We study two approaches: (1) based on a Wald-type statistic, (2) based on a pivotal statistic. We show that the first approach in its common form is not valid and we propose a modified version of the first approach. It turns out it is equivalent to the CI with the shortest length.

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