

GRADUATE SEMINAR

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Generalized fiducial inference on the mean of zero-inflated Binomial and Binomial hurdle models

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3.30 P.M.

Via Zoom

Abstract: Generalized fiducial inference, is a popular statistical analysis thought independent of Frequentist school and Bayesian school. The core idea is to switch the role of the parameters and the data. In this seminar, I will firstly make a brief review of the process of constructing generalized confidence intervals of ZIB and BH models. Then a comparison of Frequentist school, Bayesian school and Generalized fiducial inference will be presented. After that, I will introduce the simulation study and real data application to show the good properties of Generalized fiducial inference.

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