Statistics Seminar

Department of Mathematical Sciences

DATE:	Thursday, Month 31, 2017
TIME:	1:15pm – 2:15pm
LOCATION:	WH 100E
SPEAKER:	Yifei Zeng, Binghamton University
TITLE:	Variance inflation factors in the analysis of complex survey data

Abstract

People frequently use variance inflation factors(VIFs) to measure the collinearity among covariates when using regression model. However the traditional VIFs we used in ordinary or weighted least square regression is not appropriate when our data set is a complex survey data due to the existence of complex survey design. I will introduce the modified VIFs for survey-weighted least square and show you the difference between the new and old VIFs through a real data set

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