

Statistics Seminar  
Department of Mathematical Sciences

<b>DATE:</b>	Thursday, Month 31, 2017
<b>TIME:</b>	1:15pm - 2:15pm
<b>LOCATION:</b>	WH 100E
<b>SPEAKER:</b>	Yifei Zeng, Binghamton University
<b>TITLE:</b>	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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