

Statistics Seminar
Department of Mathematical Sciences

DATE:	Thursday, Month 31, 2017
TIME:	1:15pm - 2:15pm
LOCATION:	WH 100E
SPEAKER:	Wenbo Wang, Binghamton University
TITLE:	An introduction to Conformal Predictions

Abstract

Conformal predictions uses past experience to determine precise levels of confidence in new predictions. Given an error probability ϵ , together with a method that makes a prediction of the label y , it produces a set of labels that contains y with probability $1 - \epsilon$. Conformal prediction can be applied to any method which make predictions, for instance, nearest-neighbor method, support-vector machine, ridge regression, etc. In this talk, the speaker will give a brief introduction to Conformal prediction and give several examples.

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