

Statistics Seminar
Department of Mathematical Sciences

DATE:	Thursday, April 22, 2021
TIME:	1:15pm - 2:15pm
LOCATION:	Zoom meeting
SPEAKER:	Baozhen Wang, Binghamton University
TITLE:	A Generalized Neyman-Pearson Criterion for Optimal Domain Adaptation

Abstract

In the problem of domain adaptation for binary classification, the learner is presented with labeled examples from a source domain, and must correctly classify unlabeled examples from a target domain, which may differ from the source. The author study a class of domain adaptation problems that generalizes both the covariate shift assumption and a model for feature-dependent label noise, and establish optimal classification on the target domain despite not having access to labelled data from this domain.

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