

**Indiana University Indianapolis**  
**Department of Mathematical Sciences**

**STATISTICS SEMINAR**

12:15pm—1:15pm, Tuesday, February 18, 2025

Zoom Meeting: Meeting ID: 845 0989 4694

**Speaker:** **Xuchen Fang**

*Department of Mathematical Sciences, IU Indianapolis*

**Title:** **Lasso and some of its varieties**

**Abstract:**

Lasso (Least Absolute Shrinkage and Selection Operator) is a widely used technique in high-dimensional data analysis for penalization and feature selection. However, data nowadays are in different structure. People develop different models to better deal with different data structure. In particular, varieties of lasso family are developed for linear effects. In this talk, we discuss different data structure and their corresponding lasso varieties.