Hongyuan Cao

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COLLABORATIVE COLLISION @FSU

My Interest in Florida

- Identifying and building interdisciplinary research teams to tackle complex challenges within the state of Florida

- Translating complex solutions into compelling stories that can attract future collaborators and supporters

Expertise/Skills

- Genomics/Genetics

- Survival Analysis

- Longitudinal Data Analysis

- Alzheimer's Disease

- Causal Inference

Research and/or Projects

- Integrative analysis of omics data exploring pleiotropy effect and causal mechanism of the genetic component on the phenotype

- Epidemiological causal analysis of treatment effect with survival outcome

- Analysis of survival outcome with intermittently observed longitudinal covariates

- Time-varying effects of the covariate on the survival outcome

- Mendelian randomization and causal mediation analysis