

## **Poster Snapshot**

### **Cross Sectional Regression with Cluster Dependence: Inference based on Averaging**

**Subhodeep Dey (ISI)**

We consider cross-sectional dependence within clusters, when cluster size is both finite and infinite. In this work, we propose a new estimator which is consistent and asymptotically normal under such cross-sectional dependence for any cluster sizes. An appropriate standard error is provided. Detailed simulation study and an application on real life data examines the efficacy of the proposed estimator.