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Timothy Thomas*, timthomas@berkeley.edu, and **Ott Toomet**, **Alex Ramiller** and **Jose Hernandez**. *Enumerating Racial and Gender Disparities in Eviction*. Preliminary report.

The lack of reliable eviction data requires the application of data science tools and mathematics to enumerate and describe populations at risk. This paper describes the use of scraping court records in Washington States using natural language processing, applying Bayesian demographic estimations, and geospatial methods to unmask racial, gender, and neighborhood disparities in eviction. Results from this study have shown massive differences between groups. The Black female eviction rate is seven times higher than white female rate and in some areas one in six Black adults have faced eviction proceedings. This work has helped inform state and local policies on eviction and provides the building blocks for understanding how market dynamics and neighborhood change affect eviction risk. (Received March 09, 2021)