

UNDERSTANDING DISTRICTING VIA RANDOM SAMPLING

SARAH CANNON

One way to understand political districting plans is via random sampling, which can help us understand the space of possible plans, study the impacts of various rules and considerations, and assess map-drawers stated motivations. This random sampling is most frequently done via Markov chains. This talk will cover how these Markov chains work, what we know about how they behave, and some of the many open questions that remain.