redistricting is the process of drawing geographic regions for electoral or administrative purposes. there is a history in the usa of abusing redistricting to limit social, racial, ethnic, and political groups' power.

many have proposed "neutral" algorithms which draw nicely shaped districts subject to constraints like being connected and having equal population

proponents argue that because the algorithm doesn't take in racial, ethnic, political, economic, etc. data it cannot be **biased** in favor of or against any group

opportunity districts are ones that provide the **opportunity** for a community, which votes cohesively, to elect their candidate of choice

we compare four algorithmically-drawn state senate plans in alabama and michigan. all four have fewer black opportunity districts than the enacted plans and fewer than would be expected using a proportionality standard



vote

algorithmic redistricting and black representation

zachary schutzman

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