## Input

- Statewide D vote share
- District D vote shares

## Process

- Estimate fractional seat probability
- Infer seats-votes curve
- Compute metrics

## Output

- Efficiency gap (EG) and proportionality (PR)
- Seat bias  $(\alpha_S)$ , vote bias  $(\alpha_V)$ , geometric seat bias  $(\beta)$ , and global symmetry (GS)
- Declination ( $\delta$ ), lopsided outcomes (LO), and mean–median (MM)
- Winner's bonus (R) and responsiveness ( $\rho$ )