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| **Tab 4.1 Electoral College Bias over time (1868-2016)** |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Years** | **Popular-Vote** | **Seat-Share** | **Bias (Tufte)** | **Bias (simulation)** | | **1868** | -2.66% | -22.51% | -13.44% | -2.58% | | **1872** | -5.94% | -31.97% | -1.43% | 3.77% | | **1876** | 1.52% | 0.27% | -4.84% | -1.72% | | **1880** | -0.05% | -7.72% | 4.51% | 1.48% | | **1884** | 0.30% | 4.61% | -0.48% | -0.26% | | **1888** | 0.43% | -8.11% | -3.67% | -3.61% | | **1892** | 1.69% | 11.04% | -6.66% | -0.39% | | **1896** | -2.21% | -11.07% | 6.46% | 1.79% | | **1900** | -3.17% | -15.32% | -2.05% | 3.89% | | **1904** | -10.01% | -22.06% | -2.80% | 4.35% | | **1908** | -4.51% | -17.70% | -1.40% | 2.41% | | **1912** | 14.34% | 45.67% | -4.64% | 4.23% | | **1916** | 1.64% | 1.98% | 9.36% | 4.19% | | **1920** | -13.88% | -26.08% | 5.26% | 2.09% | | **1924** | -15.22% | -24.39% | 2.92% | -1.04% | | **1928** | -8.80% | -33.62% | 1.72% | 4.90% | | **1932** | 9.15% | 38.89% | 11.18% | 5.90% | | **1936** | 12.46% | 48.49% | 6.02% | 6.24% | | **1940** | 5.00% | 34.56% | 5.11% | 3.78% | | **1944** | 3.77% | 31.36% | 3.62% | 2.47% | | **1948** | 2.37% | 12.34% | 2.52% | 2.68% | | **1952** | -5.45% | -33.24% | -3.30% | 1.94% | | **1956** | -7.75% | -36.06% | -0.70% | 2.08% | | **1960** | 0.08% | 9.03% | -9.80% | 0.40% | | **1964** | 11.35% | 40.34% | -4.04% | -0.82% | | **1968** | -0.41% | -9.48% | -11.56% | -1.52% | | **1972** | -11.79% | -46.84% | -11.70% | -2.90% | | **1976** | 1.05% | 5.20% | -6.17% | -0.86% | | **1980** | -5.31% | -40.89% | 0.53% | 0.92% | | **1984** | -9.17% | -47.58% | -10.23% | -1.17% | | **1988** | -3.90% | -29.18% | -8.15% | -1.53% | | **1992** | 3.46% | 18.77% | -7.47% | -0.22% | | **1996** | 4.74% | 20.45% | -7.71% | -0.50% | | **2000** | 0.27% | -0.37% | -11.23% | -0.79% | | **2004** | -1.24% | -3.16% | -7.30% | 1.56% | | **2008** | 3.69% | 17.66% | -5.48% | 1.92% | | **2012** | 1.97% | 11.71% | -7.57% | 0.39% | | **2016** | 1.11% | -6.69% | -11.68% | -4.56% | |
| Note: Bias calculated at a tied 50% vote-share. Tufte method estimated by log-odds regression on uniform swing generated data points between vote shares 45% and 55%. |