Mattingly Report Figure 105

Plaintiffs

Exhibit

474

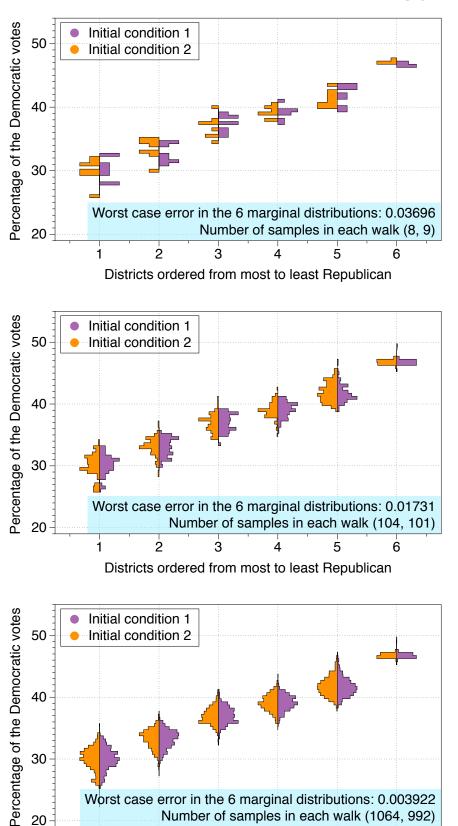


Figure 105: Using the 2012 presidential data along with two alternative initial conditions, we display the ranked marginal distributions of each district in the ensemble from the most to least Republican district. We show differences in the marginal distributions after roughly 10 plans (left), 100 plans (center) and 1000 plans (right) are sampled in the random walk. The corresponding worst case error is shown in the bottom of each figure.

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Worst case error in the 6 marginal distributions: 0.003922

Districts ordered from most to least Republican

Number of samples in each walk (1064, 992)

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