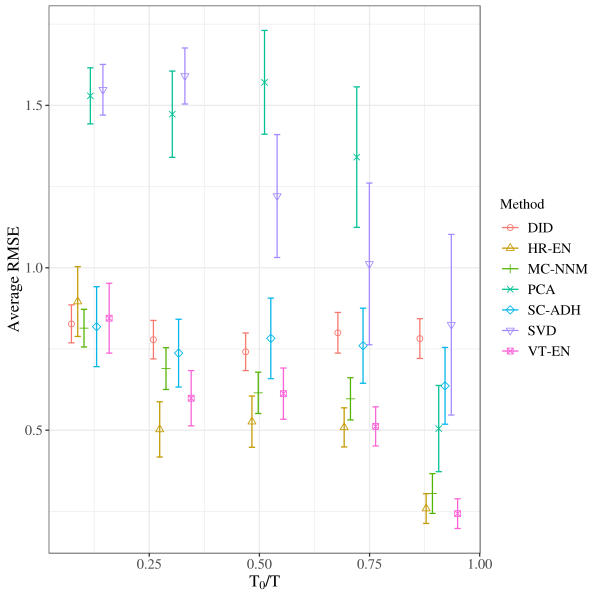
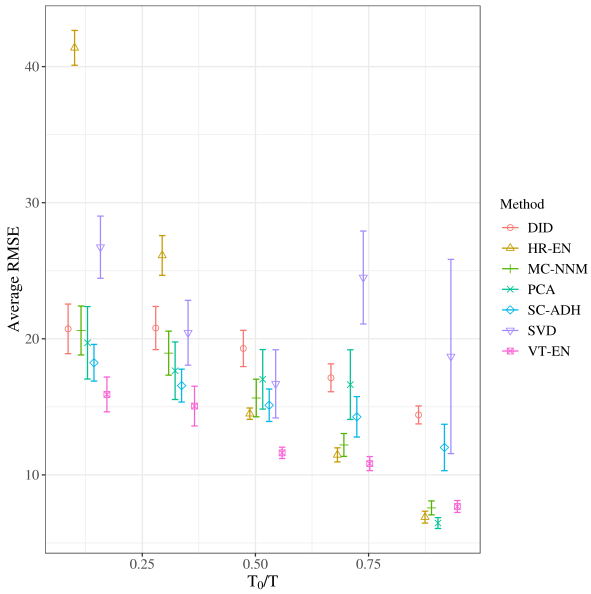
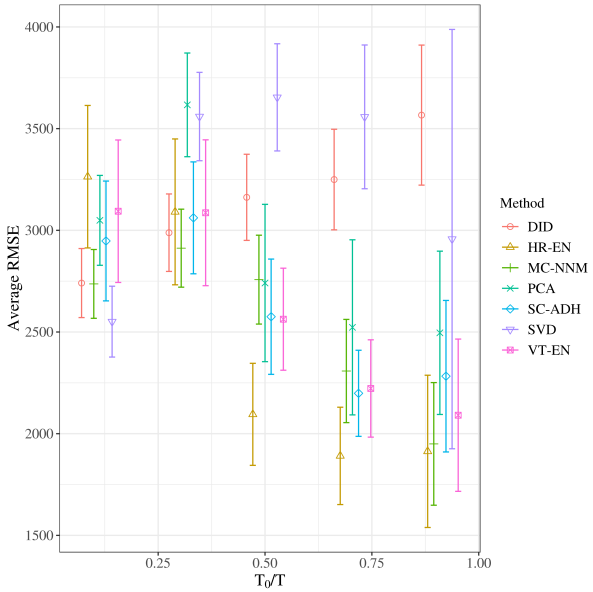
Web-Based Supporting Materials for "State-Building through Public Land Disposal? An Application of Matrix Completion for Counterfactual Prediction" by Jason Poulos



(A) Basque Country terrorism data, $N_t = 8$



(B) California smoking ban data, $N_t = 19$



(C) West German reunification data, $N_t = 8$

Figure 1: Placebo tests under simultaneous treatment adoption. See notes to Fig. 1.

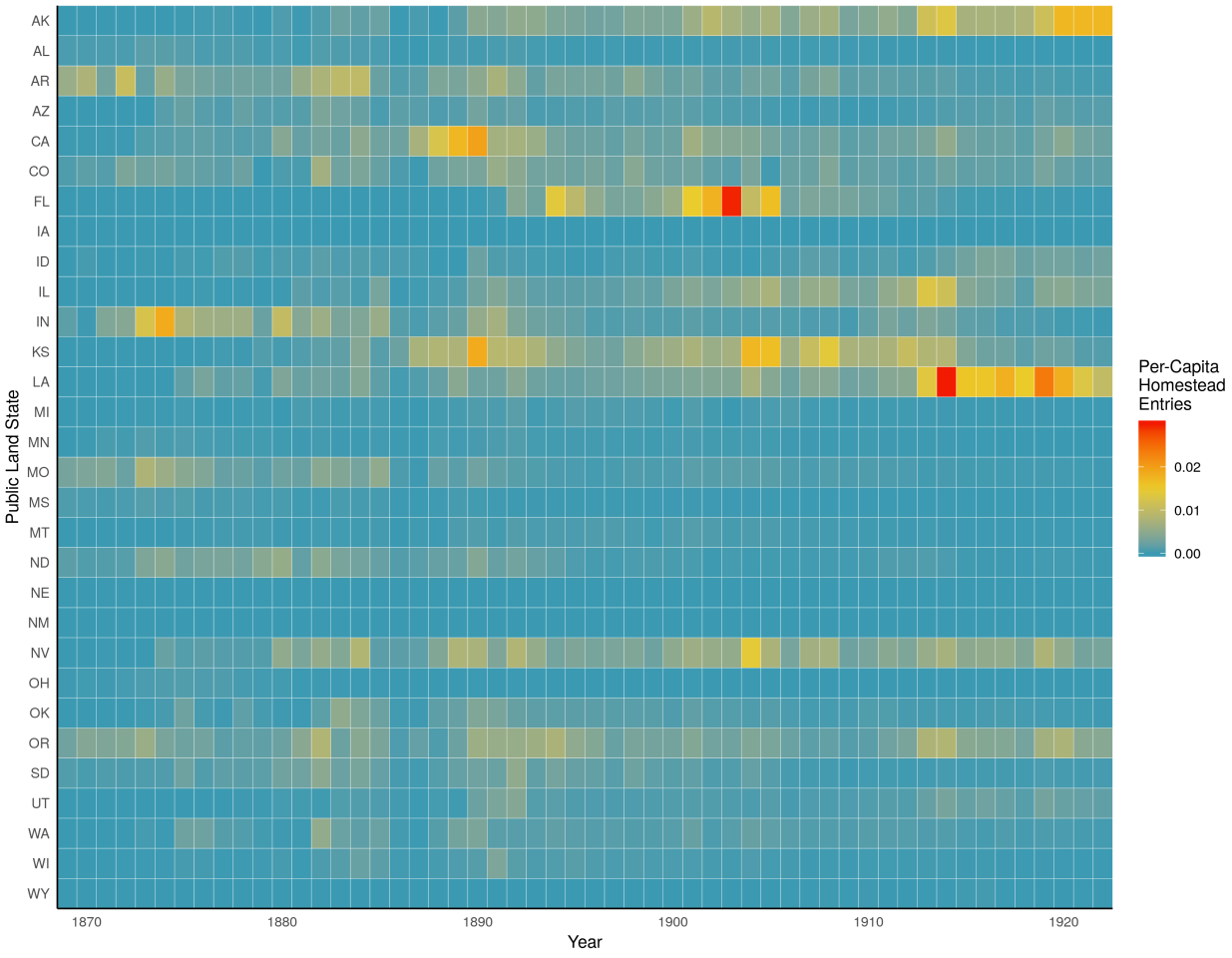
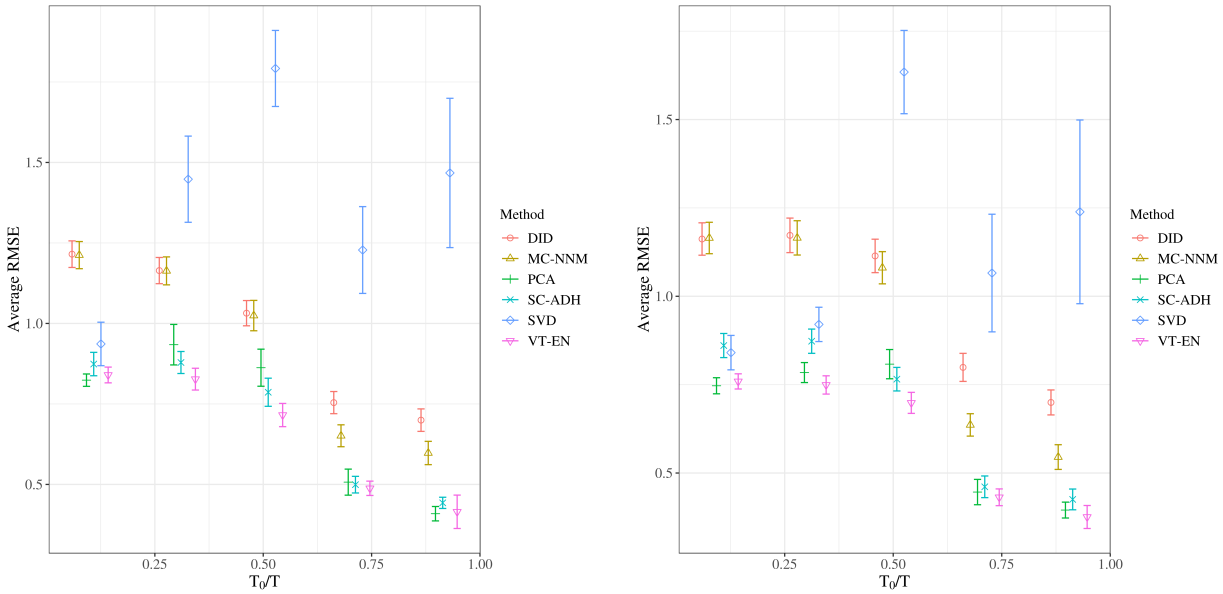
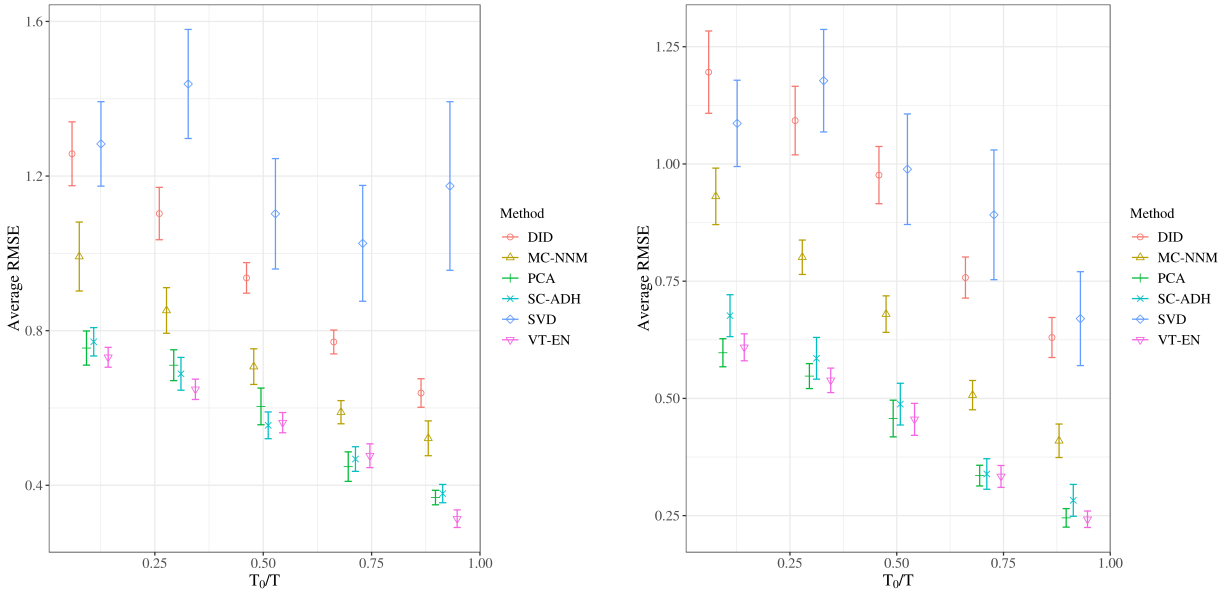


Figure 2: Per-capita homestead entries in state i and year t, 1869-1922.



(A) Expenditures, simultaneous adoption

(B) Revenues, simultaneous adoption



(C) Expenditures, staggered adoption

(D) Revenues, staggered adoption

Figure 3: Placebo tests under simultaneous and staggered treatment adoption, with $N_t = 9$. See notes to Fig. 1.

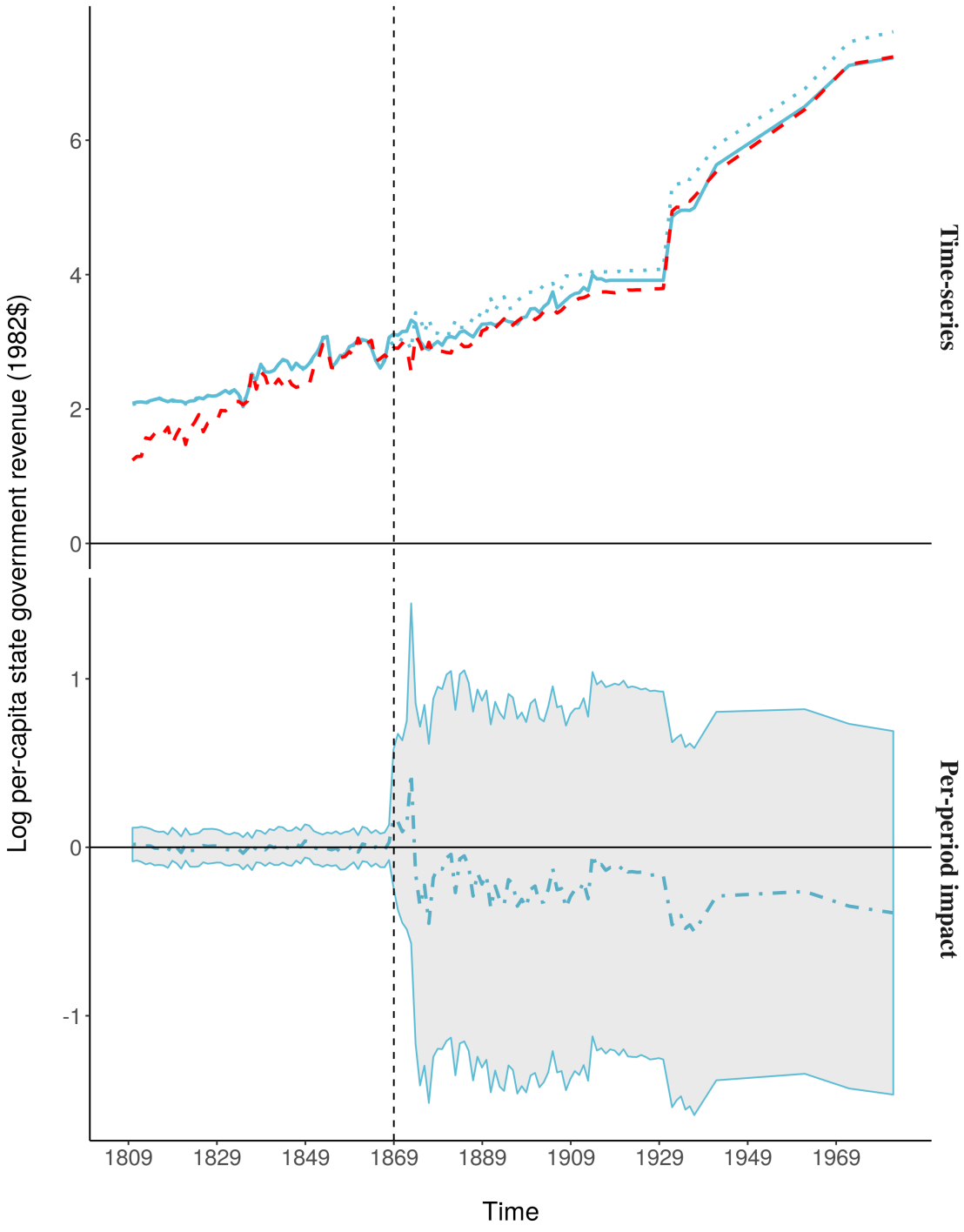


Figure 4: MC-NNM estimates of treatment exposure on state government revenue, 1809 to 1982: ——, observed treated; - - - -, observed control; ·····, counterfactual treated; —·—, $\hat{\bar{\alpha}}_t$.

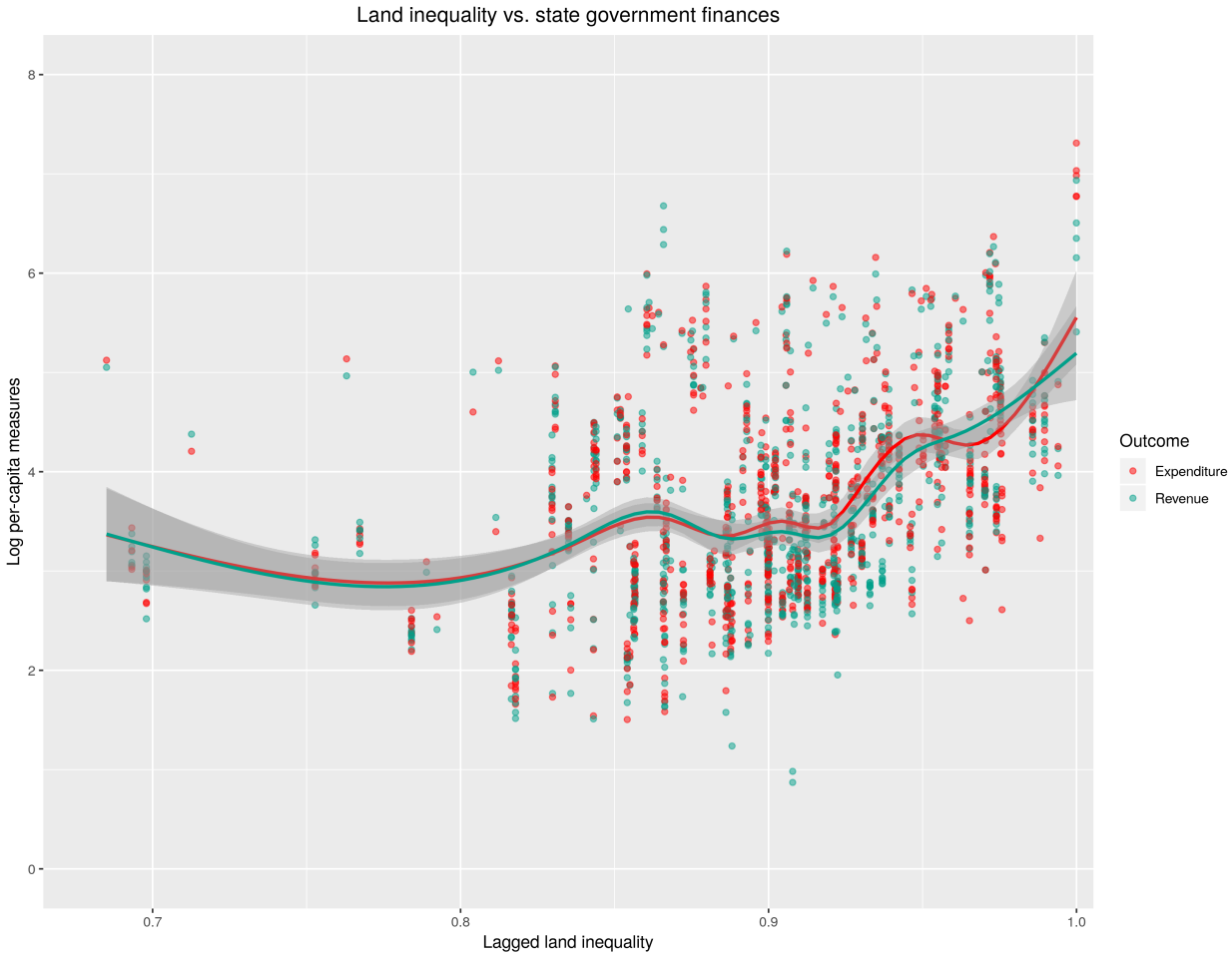


Figure 5: Land inequality (lagged by 10 years) vs. log per-capita revenue and expenditure, 1860-1950. Each point is a state-year observation. Lines represent generalized additive model (GAM) fits to the data and shaded regions represent corresponding 95% confidence intervals.