

Causal Effect of Sending Mail-In Ballots to All Registered Voters on Voter Turnout and Composition

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ESRA 2021

California VCA and Identification Strategies

- California *Voter's Choice Act*, Los Angeles Requirement
 - For the 2020 primary elections, in addition to permanent vote-by-mail voters, Los Angeles County was **required** to send vote-by-mail ballots to register voters who live in **federal congressional or state legislative districts** that contain areas in both Los Angeles County and **Orange County**.

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 - Difference-in-difference (separately for non-permanent VBM voters and permanent VBM voters):
 - 2018 vs. 2020 primary elections
 - **Universal VBM districts** vs. **non-universal VBM districts**

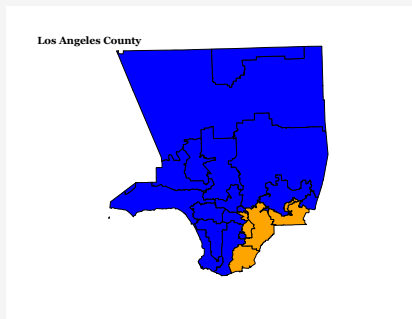
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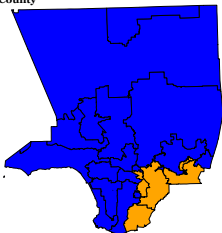
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 - Geographic regression discontinuity (work in progress)

Districts with and without Universal VBM in Los Angeles

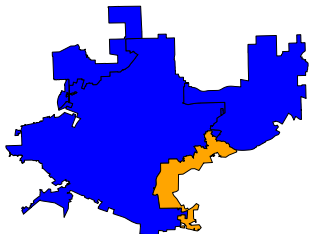


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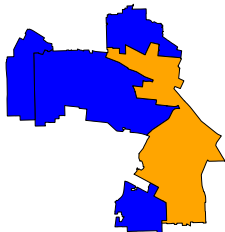
Los Angeles County



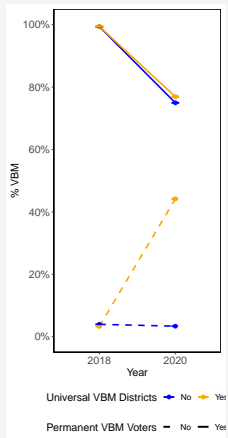
CA-32



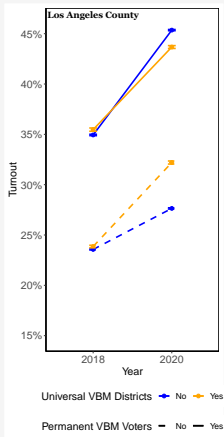
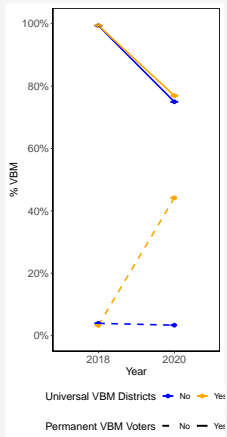
CA-40



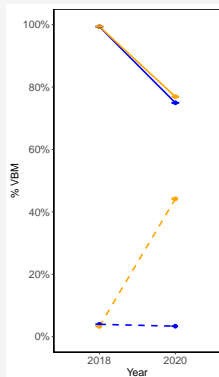
% VBM, Turnout Increase



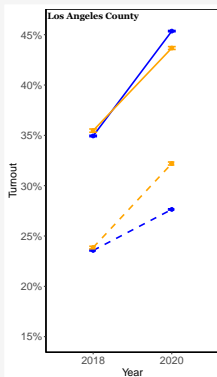
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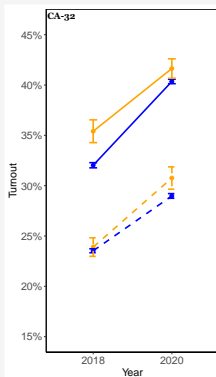
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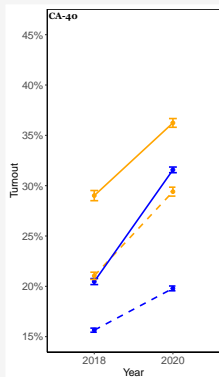
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 Permanent VBM Voters — No — Yes



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Turnout Increase by Party Registration

