

Семинар 15.

1. Докажите, что оценка эффекта воздействия при помощи LATE эквивалентна 2МНК-оценке в случае использования бинарной объясняющей переменной и бинарной инструментальной переменной.
2. [R] Используя данные из статьи Card D., Krueger A.B. (1994). Minimum Wages and Employment: A Case Study of the Fast-Food Industry in New Jersey and Pennsylvania, оцените эффект воздействия увеличения МРОТ на занятость населения в штате Нью-Джерси.
3. [R] Skovron, Christopher, and Rocio Titiunik. 2015. "A Practical Guide to Regression Discontinuity Designs in Political Science.":

"We focus only on Fournaies and Hall's analysis of state legislative elections, using 32,670 races at the state legislative district level. The score is the Democratic margin of victory at t in the district (the vote percentage obtained by the Democratic party minus the vote percentage obtained by its strongest opponent), and the treatment is winning election t . The Democratic party wins the election when its margin of victory is positive and loses when it is negative, so the cutoff is zero. The outcome we analyze is the Democratic share of total contributions in the district at $t + 1$ ".

- *ov_statelevel* (subset variable) — dummy for state level elections (we use only this subset of elections!);
- *x_score_victorymargin* (running variable) — Democratic margin of victory at t in the district (the vote percentage obtained by the Democratic party minus the vote percentage obtained by its strongest opponent);
- *y_donationshare* (outcome variable of interest) — outcome variable share of donations flowing to the incumbent's party in percent;
- *cov_total_race_money* (Covariate as outcome) — total money in race;
- *cov_total_votes* (Covariate as outcome) — total votes in race;
- *cov_dem_inc* (Covariate as outcome) — Democratic incumbent;
- *cov_rep_inc* (Covariate as outcome) — Republican incumbent;
- *cov_total_group_money* (Covariate as outcome) — total group money.

Используя RDD, оцените, есть ли эффект воздействия нахождения демократической партии у власти в момент избирательной кампании на долю взносов в предвыборную кампанию демократической партией в избирательных округах.

Список использованных источников

1. Картаев Ф.С. Введение в эконометрику : Учебник / Ф.С. Картаев — Москва : МГУ, 2019. — 472 с. — ISBN 978-5-906932-22-8.
2. Card D., Krueger A.B. (1994). Minimum Wages and Employment: A Case Study of the Fast-Food Industry in New Jersey and Pennsylvania // American Economic Review. Vol. 90(5). Pp. 1397–1420.
3. Fourniaies A., Andrew B H. 2014. The Financial Incumbency Advantage: Causes and Consequences. J. Polit. 76 (3): 711–24.
4. Skovron, Christopher, and Rocio Titiumik. 2015. “A Practical Guide to Regression Discontinuity Designs in Political Science.”