

Assessing the Impacts of SNAP Work Requirements in Michigan

Jiaming Zhang

MSU, AFRE

February 9, 2026

Motivation

- ABAWD work requirement reinstatement in Michigan (county-month rollout).
- Goal: causal effects on SNAP participation and related outcomes.

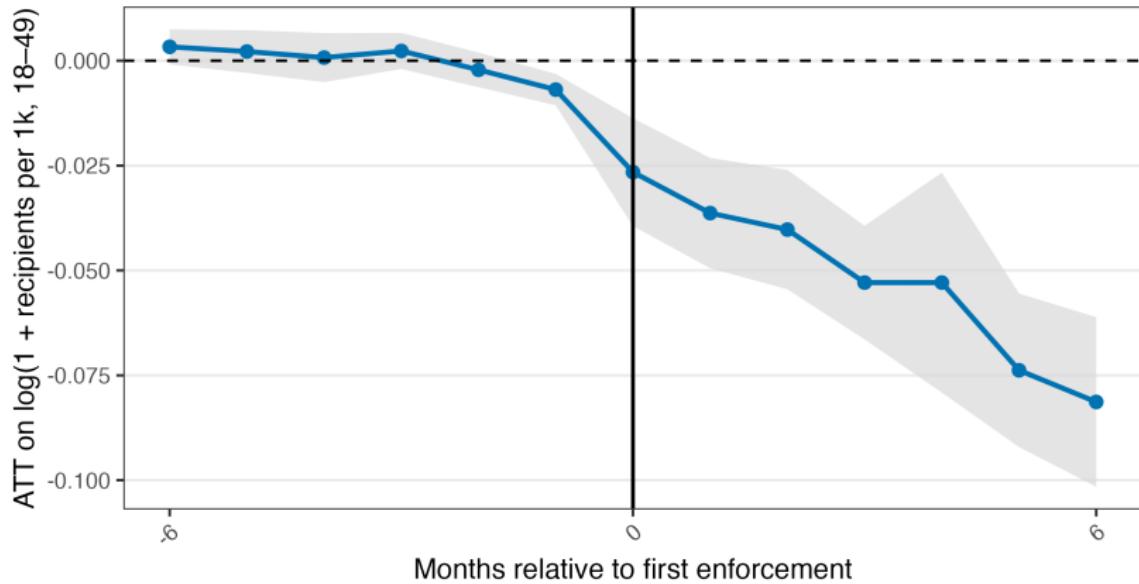
Methods

- Callaway–Sant'Anna staggered DiD.
- DDD: adult vs. child recipients.
- Event-study; robustness checks.
- DML for heterogeneity; forecast and risk (optional).

Main event-study

Event-Study: ABAWD Enforcement and SNAP Participation

CS DR-DiD, not-yet-treated control, anticipation=2 (includes -2, -1 in treatment)

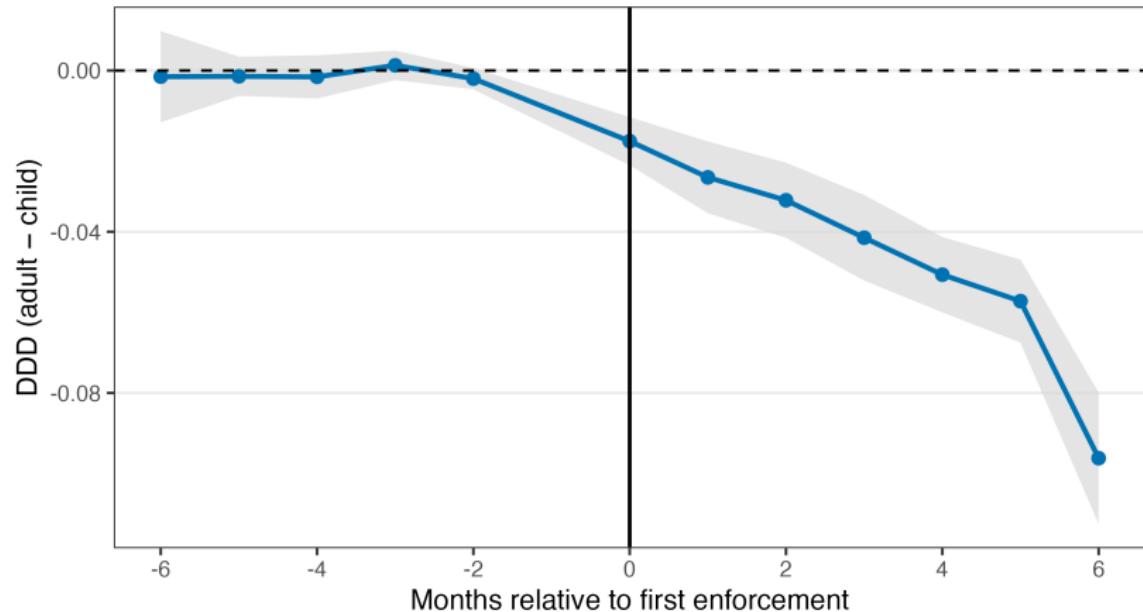


Note: Overall ATT is simple aggregation across all available post-treatment periods. Event-study plot displayed for [-6, +6] for rea

DDD: adult vs. child

DDD Event-Study: ABAWD Enforcement (Adult vs Child)

Single regression: $\theta_k = (D^k \times G_g)$; FE = county \times group + time \times group



Summary

- (Add main takeaways.)
- Code & structure: `main.R` → `R/99_run/run_all.R`.