

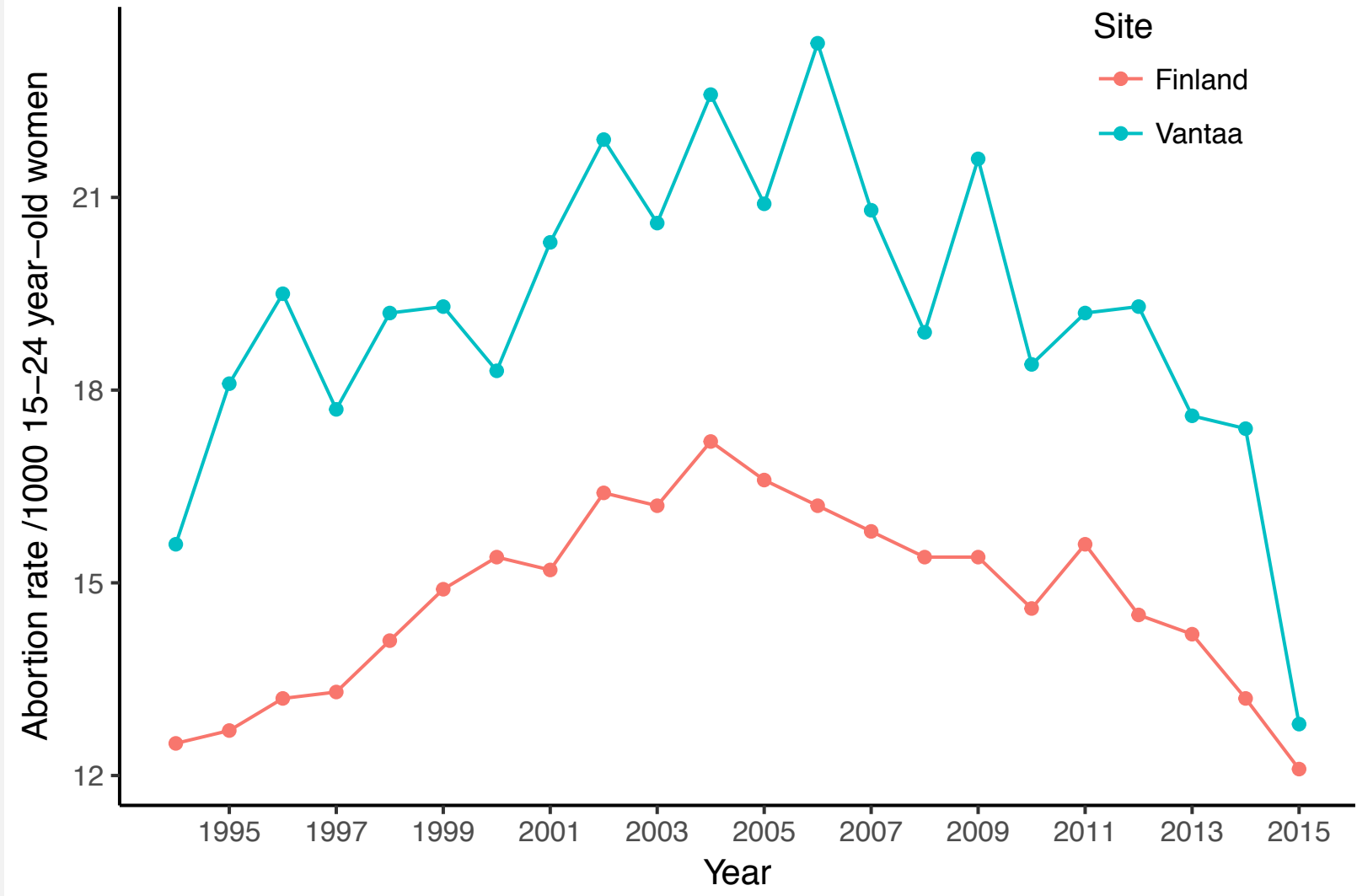
REIMBURSEMENT OF CONTRACEPTION FOR YOUNG WOMEN – DOES IT WORK?

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ABORTION RATES AMONG YOUNG WOMEN IN FINLAND



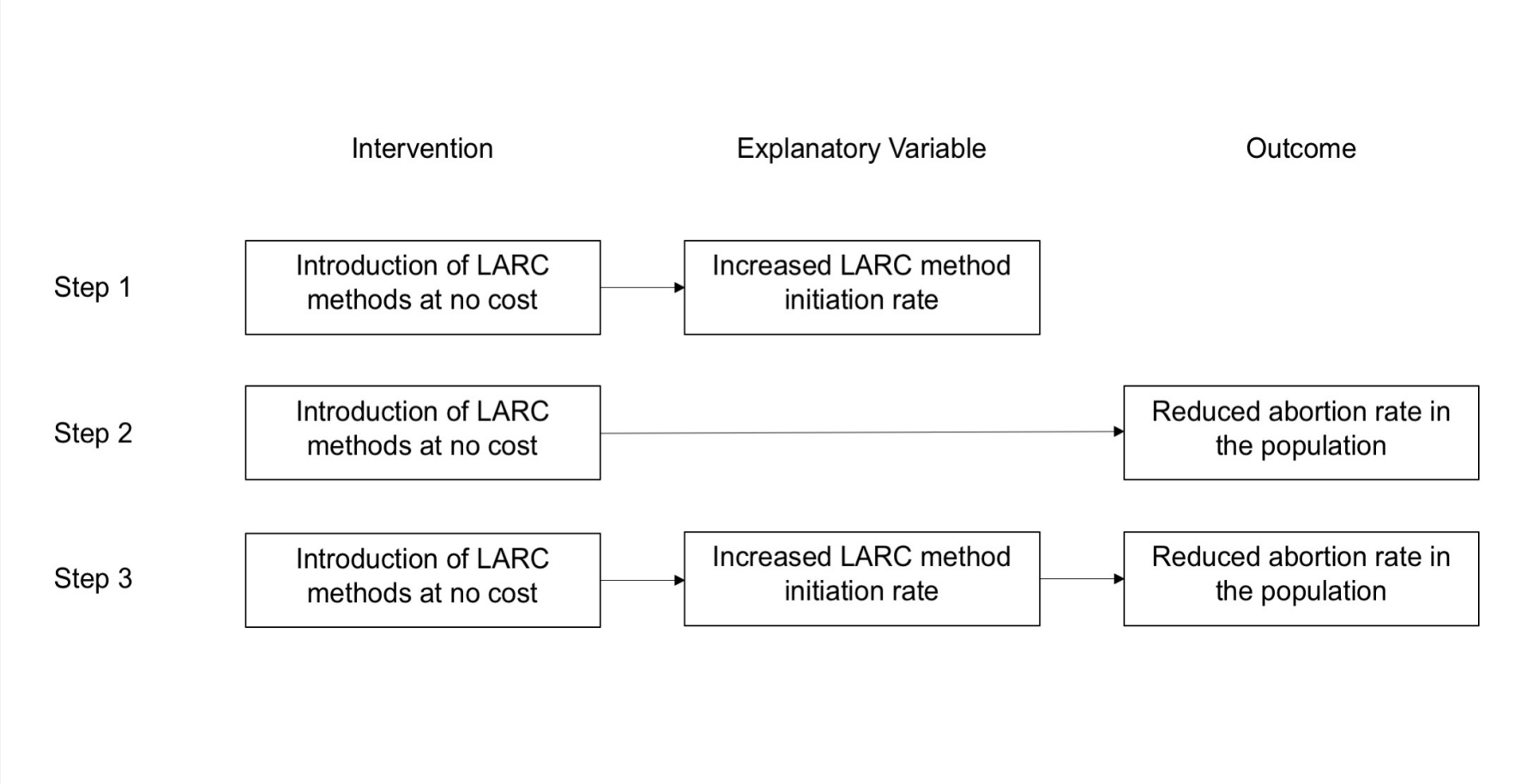
THE NO-COST PUBLIC PROGRAM IN VANTAA

- Since 2013, every woman in Vantaa has been entitled to one LARC method at no-cost.
- Natural experiment in ecological setting
- Time series analysis 2000 –2015
- Association with changes in monthly mean rates of LARC initiation?
- Association with changes in monthly mean rates of induced abortions?

THE NO-COST PUBLIC PROGRAM IN VANTAA

- Data on the aggregated level from THL and Statistics Finland
- Stratified in three age groups; 15 –19, 20 – 24 and 25 – 44 year olds
- Controlled by the abortion rate time series in Espoo
- Covariates: proportion with poor education (only elementary school), low income, unemployment

IDENTIFYING THE RELATION BETWEEN THE LARC PROGRAM AND RATE OF ABORTION



METHODOLOGICAL CONSIDERATIONS

- Observational study – limitations on causality
- One interruption – possibility of a concurrent event
- Lacked data on LARC insertions in Espoo

CONCLUSION

- Providing LARC methods at no cost to the population is an effective way to reduce the rate of unintended pregnancy and induced abortion among young women under 25 years of age.

REFERENCES

- Sedgh G, Singh S, Hussain R. Intended and unintended pregnancies worldwide in 2012 and recent trends. *Stud Fam Plann.* 2014;45(3):301-314.
- Finer LB, Zolna MR. Declines in Unintended Pregnancy in the United States, 2008-2011. *N Engl J Med.* 2016;374(9):843-852.
- Frost JJ, Darroch JE. Factors associated with contraceptive choice and inconsistent method use, United States, 2004. *Perspect Sex Reprod Health.* 2008;40(2):94-104.
- Foster DG, Rostovtseva DP, Brindis CD, Biggs MA, Hulett D, Darney PD. Cost savings from the provision of specific methods of contraception in a publicly funded program. *Am J Public Health.* 2009;99(3):446-451.
- United Nations
- Family Planning 2020
- THL