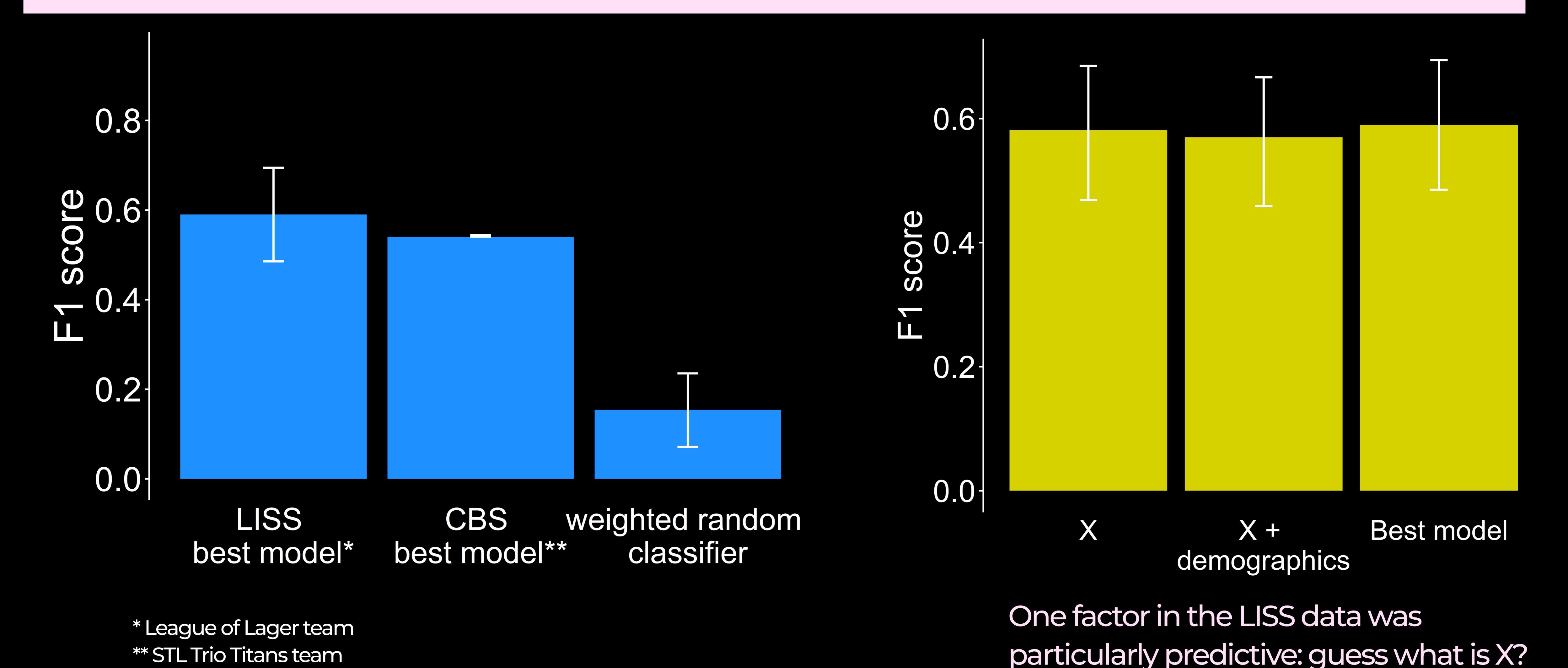


Fertility Prediction Challenge, Episode I: does survey data beat population registries?

Who will have a child in the next three years? The accuracy of such predictions has never been tested.

In the pilot data challenge, the LISS panel data predicted this as accurately as the Dutch register data despite the much smaller sample size. However, the predictions have not been accurate (only half of positive cases were identified)



Do you want to improve these scores and be a part of the first data challenge in demography?

Sign up here to learn more



The pilot fertility prediction data challenge:

- · Carried out at the summer school at ODISSEI (SICSS-ODISSEI)
- · The ultimate aim of the fertility prediction data challenge: assess the current upper levels of predictability of fertility, highlight the gaps in our current knowledge and get insights into fertility behaviour
- · The task: to predict who will have a child in the next three years (2020-2022) based on all the data up to 2019 for those aged 18-45 in 2019
- Data:
 - LISS panel: all Core studies + Background (from 2007-2019). N ~ 1 200
 - Dutch population registries (CBS): a preprocessed dataset with mostly 2019 data + networks. N \sim 6 000 000









