

## Comparative Effectiveness: GLP1-RA and Dementia in the Danish National Registry

**Population**: Insulin-naive T2-DM initating 2nd-line therapy (N=104,928)

**Causal Estimand:** Difference in 5 year incident dementia under <u>hypothetical protocols</u>:

- continuous GLP1-RA vs. no- GLP1-RA use
- no censoring

**Identification:** Baseline & post-baseline confoudner adjustment

**Estimation & Inference:** Longitudinal TMLE w/ machine learning; simulation-based specification

Nance et al, 2023, arXiv:2310.03235

