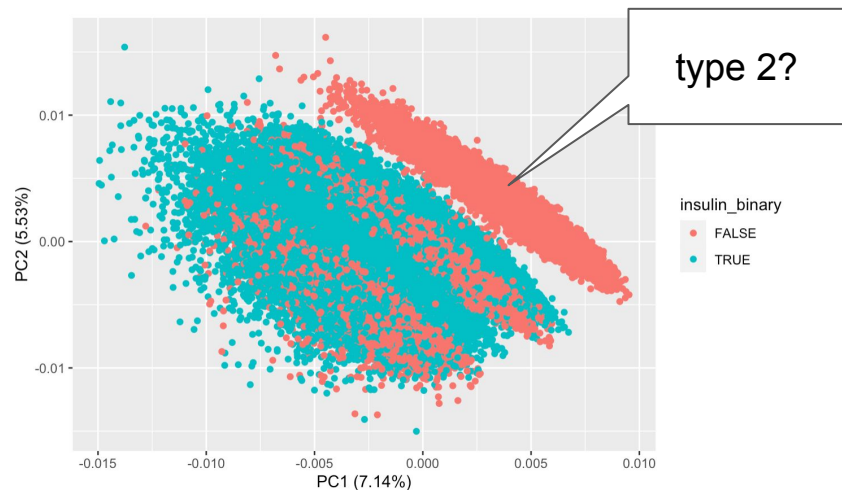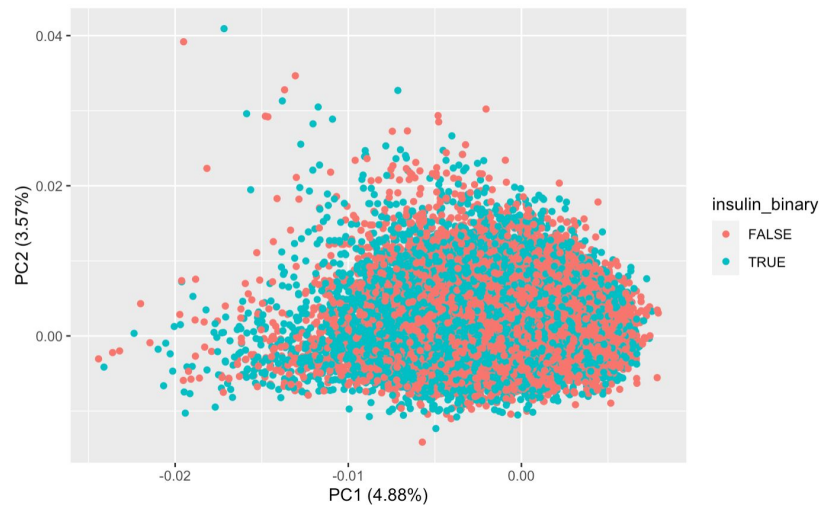# The Dia-beaters 👊

Ida Callesen, Rikke Louise Jacobsen,
Jonas Sommer Nielsen, Isa Lykke Hansen

Patterns in Real Data Disappear in Synthetic Data

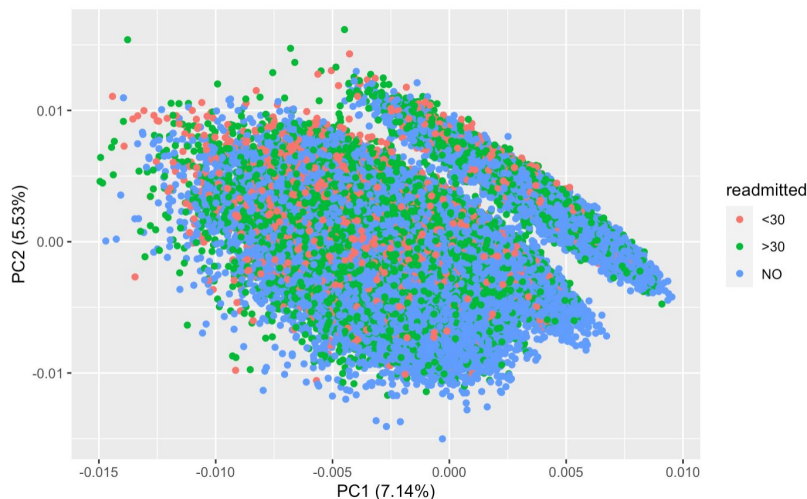

PCA coloured by insulin for *real data*
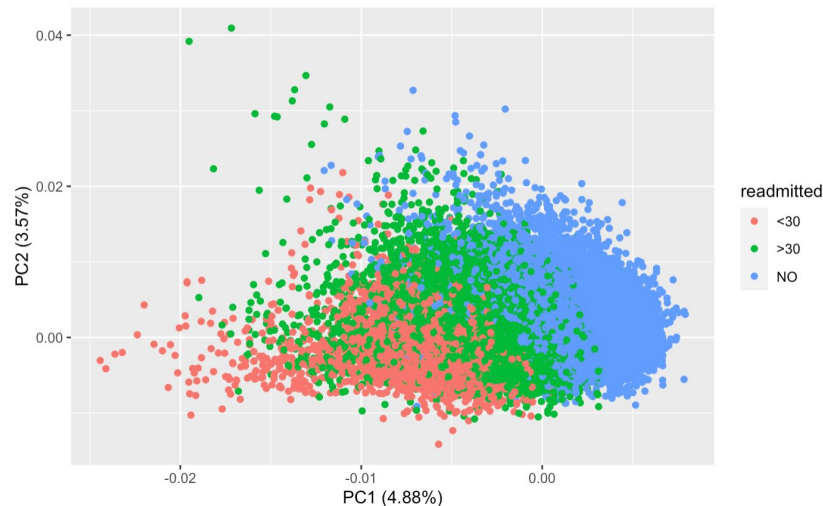
PCA coloured by insulin for *synthetic data*

type 2?

(all variables except *_diag_1*, *_diag_2*, and *_diag_3* were included)

But "Fake" Patterns Also Appear in Synthetic Data

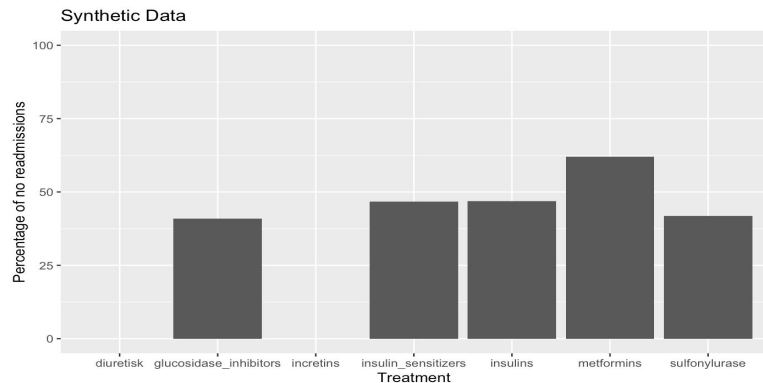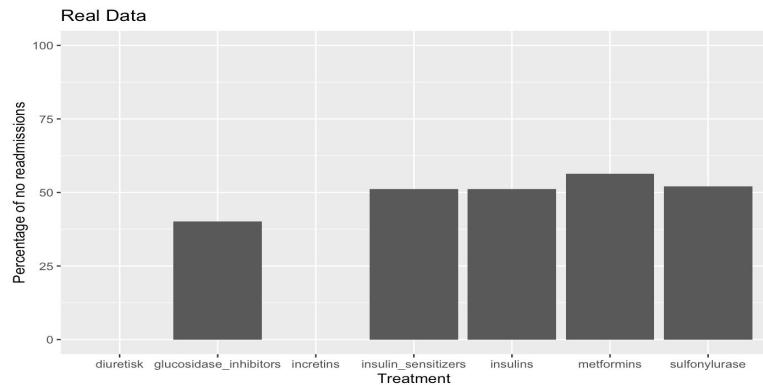PCA coloured by readmission for *real data*

PCA coloured by readmission for *synthetic data*

(all variables except *_diag_1*, *_diag_2*, and *_diag_3* were included)

What Seems to be Most Effective?

Medicin groups

- Metformin
- Sulfonylureas
- Insulin sensitizers
- Incretins
- Glucosidase inhibitors
- Diuretic
- Exogenous insulin