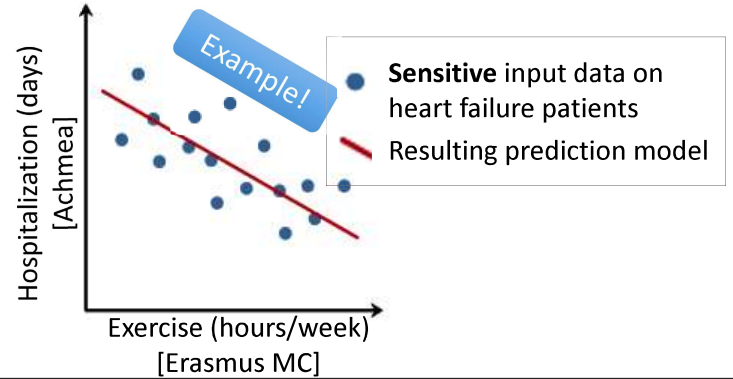


Multi-Party Computation (MPC) against heart failure

How to develop better treatment plans for heart failure patients, based on data of both an insurance company **and** a hospital?

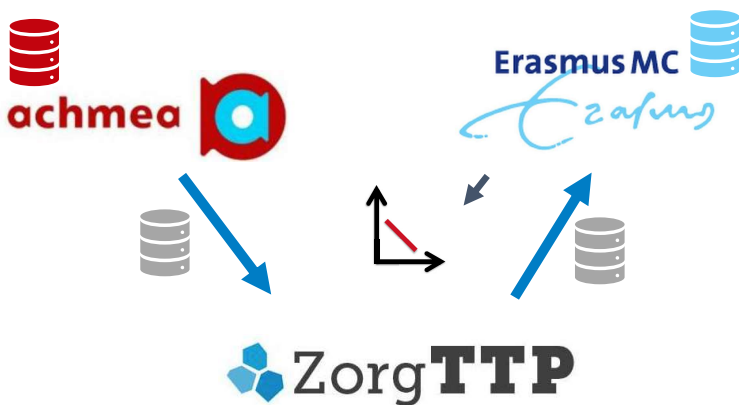


Goal: Finding relations between Achmea and Erasmus MC data

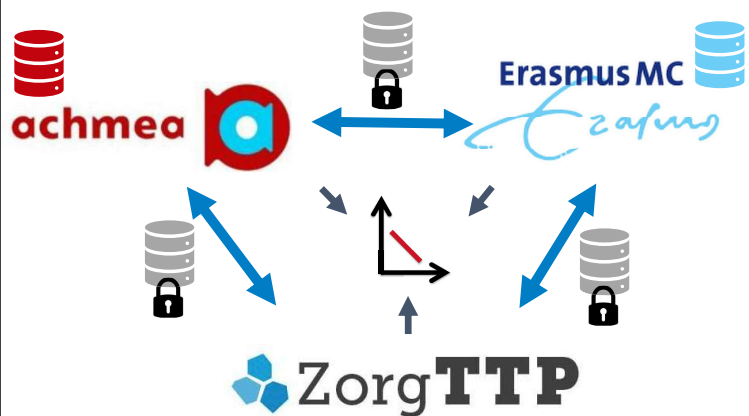


MPC is a toolbox of cryptographic techniques that allows several different parties to jointly compute on data, just as if they have a shared database.

Traditional solution



MPC solution – privacy by design



Advantages of the MPC solution

- ✓ Nobody learns anything from someone else's data (except for the result)
- ✓ Inclusion of ZorgTTP greatly improves computational efficiency

Pilot partners



External Exploitation Partner

