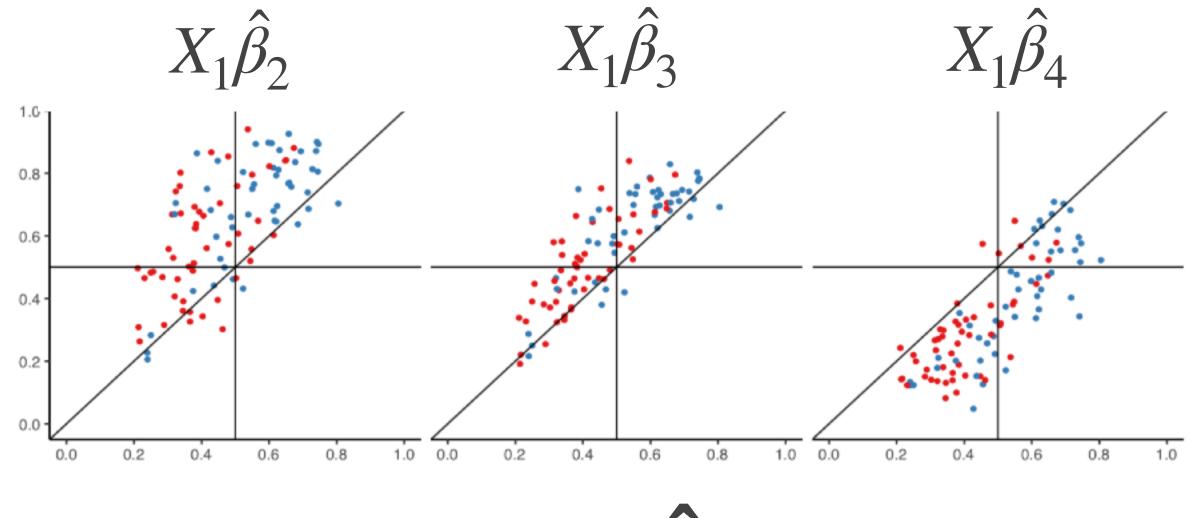
## Statistical challenges

- 1. Single-patient prediction
- 2. Different scaling on genes between datasets
- 3. Concordance in feature selection/coefficient estimates

## **Transferability**

The prediction on one gene expression platform should be equivalent to another platform



$$X_1\hat{\beta}_1$$

## First component of CPOP: feature construction



就让我来次透彻心扉的痛 都拿走让我再次两手空空 只有奄奄一息过 那个真正的我 他才能够诞生