

**CPOP**

---

**Cross-Platform Omics Prediction**

---

## Clinical risk score?

- ▶ Framingham risk score: all predictors are on an absolute scale
  - ▶ Age (Years)
  - ▶ Cholesterol (mg/dL)
  - ▶ If smoker (Yes/No)
  - ▶ HDL cholesterol (mg/dL)
  - ▶ Systolic blood pressure (mm Hg)



COX PH MODEL

$$\hat{y} = X\hat{\beta}$$