a. Patient Stratification

Gene Expression

Patient 1
Patient 2
Patient 3
Patient 4

Model

Electronic Health Records, ...

Patient Subgroup
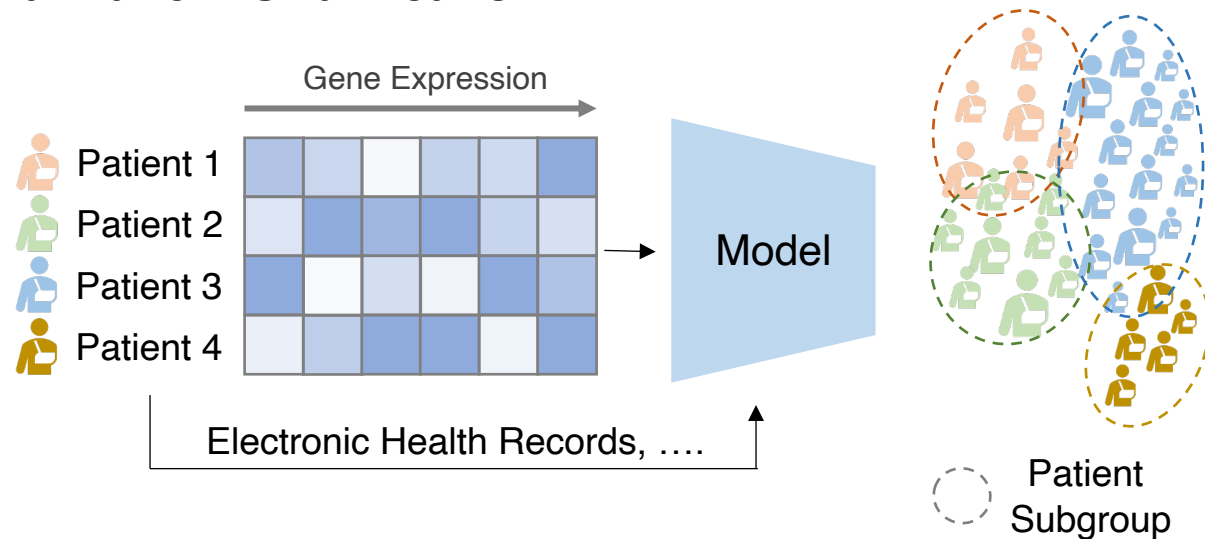
b. Matching Patients for Genome-driven Trials

Patient

Gene Expression

EHR

Patient Model

Trial Criteria

Age > 18   Male

EGFR Mutant

Not After Surgery

Trial Model

Predictor Model

Match Likelihood

0.87