a Data Preprocessing

Development Cohort
(Cohort A)

Patients

Features

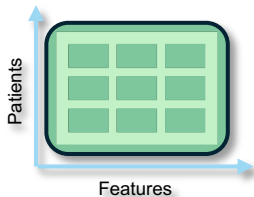- Drop records containing missing values
- Feature Selection

Patients

Features
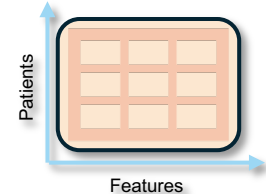
Validation Cohort
(Cohort B)

b Training Phase

Patients

Features
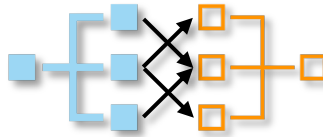
Input Cohort A

Pre-trained Tabular Foundation Model

Output Classification Probabilities

c Testing Phase

Patients

Patients
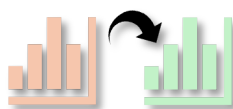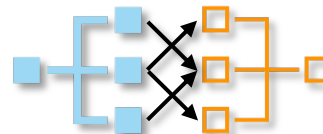
Features

Features
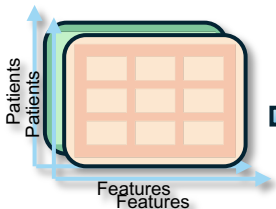
Input Cohort A & B

Domain Adaptation (TCA)

Pre-trained Tabular Foundation Model

Output Predicted Class Probabilities