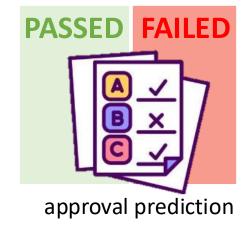
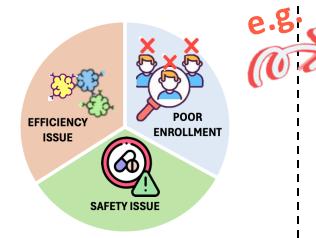
a





failure reason prediction





TrialBench



trial duration



patient dropout prediction



adverse event prediction



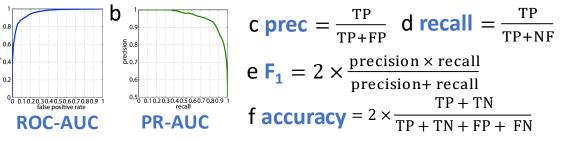
Multi-modal Variables in a Table

' [Trial ID	Intervention	SMILES	ICD-10 code	 eligibility
>	NCT00	Drug	C(O)(=O)C1=C(OC(C)=O)C=CC=C1	M06.9; M19.90	 1. Age: 18-65; 2. Healthy individuals are required
	NCT00	Medical device	N/A	111.0; 111.9; 27.1; 51.9	 1. Age: 45-75; 2. Patients should
	NCT00				

Prediction Targets

Trial ID	Failure reason			
NCT00	Efficiency Issue			
NCT00	Poor Enrollment			
NCT00				

Evaluation Metrics



Multi-modality Fusion Baseline Model

