	MIMIC-EXTRACT	COP-E-CAT	Our Proposal
MIMIC-III	T	F	F
MIMIC-IV	F	T	T
ICU	T	T	T
Non-ICU	F	F	T
Cohort Selection options	F	F	T ()
Summary of cohort extraction	F	F	T
Features	Selected	Most	All
Clinical grouping	F	F	T
Unit Conversion, outlier detection	T	T	T
Smoothening time intervals	T	T	T
Impute	Ffill and then take mean (No user choice)	Mean (Ffill for vital signs) (user choice)	0,1 for Diag, Proc, Meds. Ffill and mean for labs (user choice)
time intervals for last observed	T	F	T
End Tasks	Mortality, LOS and interventions	Ensemble prediction, reinforcement learning, dimension reduction	Readmission(icu,non-icu, general, specific days), mortality
Models	ML, GRU-D	Gradient Boosting	RNN, CNN
Evaluation Metrics	F	F	T
Interpretability	F	F	T
Loosely coupled so each module can be used in differet projects	F	F	T