

Variable Name	Description	Fixed/ Temporal	Category/ EHR domain	Unit	Valid Range	Time windows used (in hours)	Summary Statistics	Number of predictors
age	Age	Fixed	Demographics	year				1
sex	Sex	Fixed	Demographics		F, M			1
baseline_scr	Baseline Serum Creatinine	Fixed	Lab Results	mg/dL	0-4			1
ht	Baseline Height	Fixed	Vital Signs	inch	48-96			1
wt	Baseline Weight	Fixed	Vital Signs	pound	60-700			1
bmi	Baseline BMI	Fixed	Vital Signs	kg/m2	15-50			1
myocardial_infarction	Myocardial Infarction	Fixed	Comorbidities		0, 1			1
congestive_heart_failure	Congestive Heart Failure (CHF)	Fixed	Comorbidities		0, 1			1
peripheral_vascular_disease	Peripheral Vascular Disease (PVD)	Fixed	Comorbidities		0, 1			1
cerebrovascular_disease	Cerebrovascular Disease	Fixed	Comorbidities		0, 1			1
chronic_pulmonary_disease	Chronic Pulmonary Disease	Fixed	Comorbidities		0, 1			1
dementia	Dementia	Fixed	Comorbidities		0, 1			1
paralysis	Paralysis	Fixed	Comorbidities		0, 1			1
diabetes_uncomplicated	Diabetes Mellitus, Uncomplicated	Fixed	Comorbidities		0, 1			1
diabetes_complicated	Diabetes Mellitus, Complicated	Fixed	Comorbidities		0, 1			1
kidney_disease	Kidney Disease	Fixed	Comorbidities		0, 1			1
mild_liver_disease	Mild Liver Disease	Fixed	Comorbidities		0, 1			1
mod_severe_liver_disease	Moderate or Severe Liver Disease	Fixed	Comorbidities		0, 1			1
peptic_ulcer_disease	Peptic Ulcer Disease	Fixed	Comorbidities		0, 1			1
rheumatic_disease	Rheumatoid Disease	Fixed	Comorbidities		0, 1			1
hiv_aids	HIV/AIDS	Fixed	Comorbidities		0, 1			1
metastatic_cancer	Metastatic Cancer	Fixed	Comorbidities		0, 1			1
non-metastatic_cancer	Non-Metastatic Cancer	Fixed	Comorbidities		0, 1			1
surgical_service	Surgical Service	Fixed	Service		0, 1			1
icu_location	ICU location	Fixed	Location		0, 1			1
time	Time (hours) from Admission	Temporal						1
drug_AM300	Aminoglycosides	Temporal	Medications			-24 to 0, -48 to -24, -96 to -48, -120 to -96, -144 to -120, -168 to -144, -192 to -168	length	7
drug_AU100	Sympathomimetics (Adrenergics)	Temporal	Medications			-24 to 0, -48 to -24, -96 to -48, -120 to -96, -144 to -120, -168 to -144, -192 to -168	length	7
drug_CV100	Beta Blockers/related	Temporal	Medications			-24 to 0, -48 to -24, -96 to -48, -120 to -96, -144 to -120, -168 to -144, -192 to -168	length	7
drug_CV150	Alpha Blockers/related	Temporal	Medications			-24 to 0, -48 to -24, -96 to -48, -120 to -96, -144 to -120, -168 to -144, -192 to -168	length	7
drug_CV200	Calcium Channel Blockers	Temporal	Medications			-24 to 0, -48 to -24, -96 to -48, -120 to -96, -144 to -120, -168 to -144, -192 to -168	length	7
drug_CV350	Antilipemic Agents	Temporal	Medications			-24 to 0, -48 to -24, -96 to -48, -120 to -96, -144 to -120, -168 to -144, -192 to -168	length	7
drug_CV702	Loop Diuretics	Temporal	Medications			-24 to 0, -48 to -24, -96 to -48, -120 to -96, -144 to -120, -168 to -144, -192 to -168	length	7
drug_CV800	ACE Inhibitors	Temporal	Medications			-24 to 0, -48 to -24, -96 to -48, -120 to -96, -144 to -120, -168 to -144, -192 to -168	length	7
drug_CV805	Angiotensin II Inhibitor	Temporal	Medications			-24 to 0, -48 to -24, -96 to -48, -120 to -96, -144 to -120, -168 to -144, -192 to -168	length	7
drug_DX101	Non-Ionic Contrast Media	Temporal	Medications			-24 to 0, -48 to -24, -96 to -48, -120 to -96, -144 to -120, -168 to -144, -192 to -168	length	7
drug_MS102	Nonsalicylate NSAIs, Antirheumatic	Temporal	Medications			-6 to 0, -12 to -6, -18 to -12, -24 to -18, -30 to -24, -36 to -24, -42 to -36, -48 to -42	length	7
Albumin	Serum Albumin	Temporal	Lab Results	g/dL	0.5-8	-6 to 0, -12 to -6, -18 to -12, -24 to -18, -30 to -24, -36 to -24, -42 to -36, -48 to -42	length, min, mean, median, max	40
Alkaline	Alkaline Phosphatase	Temporal	Lab Results	IU/L	1-10000	-6 to 0, -12 to -6, -18 to -12, -24 to -18, -30 to -24, -36 to -24, -42 to -36, -48 to -42	length, min, mean, median, max	40
ALT	Alanine Aminotransferase	Temporal	Lab Results	IU/L	1-10000	-6 to 0, -12 to -6, -18 to -12, -24 to -18, -30 to -24, -36 to -24, -42 to -36, -48 to -42	length, min, mean, median, max	40
AST	Aspartate Transaminase	Temporal	Lab Results	U/L	1-10000	-6 to 0, -12 to -6, -18 to -12, -24 to -18, -30 to -24, -36 to -24, -42 to -36, -48 to -42	length, min, mean, median, max	40
Bilirubin_D	Bilirubin (Direct)	Temporal	Lab Results	mg/dL	0-50	-6 to 0, -12 to -6, -18 to -12, -24 to -18, -30 to -24, -36 to -24, -42 to -36, -48 to -42	length, min, mean, median, max	40
Bilirubin	Bilirubin (Total)	Temporal	Lab Results	mg/dL	0-50	-6 to 0, -12 to -6, -18 to -12, -24 to -18, -30 to -24, -36 to -24, -42 to -36, -48 to -42	length, min, mean, median, max	40
BUN	Blood Urea Nitrogen	Temporal	Lab Results	mg/dL	1-300	-6 to 0, -12 to -6, -18 to -12, -24 to -18, -30 to -24, -36 to -24, -42 to -36, -48 to -42	length, min, mean, median, max	40
Calcium	Serum Calcium	Temporal	Lab Results	mg/dL	3-20	-6 to 0, -12 to -6, -18 to -12, -24 to -18, -30 to -24, -36 to -24, -42 to -36, -48 to -42	length, min, mean, median, max	40
Carbon	Carbon Dioxide	Temporal	Lab Results	meq/dL	1-60	-6 to 0, -12 to -6, -18 to -12, -24 to -18, -30 to -24, -36 to -24, -42 to -36, -48 to -42	length, min, mean, median, max	40
Chloride	Serum Chloride	Temporal	Lab Results	meq/dL	60-150	-6 to 0, -12 to -6, -18 to -12, -24 to -18, -30 to -24, -36 to -24, -42 to -36, -48 to -42	length, min, mean, median, max	40
Glucose	Serum Glucose	Temporal	Lab Results	mg/dL	10-1200	-6 to 0, -12 to -6, -18 to -12, -24 to -18, -30 to -24, -36 to -24, -42 to -36, -48 to -42	length, min, mean, median, max	40
HDLC	High-Density Lipoprotein Cholesterol	Temporal	Lab Results	mg/dL	10-150	-6 to 0, -12 to -6, -18 to -12, -24 to -18, -30 to -24, -36 to -24, -42 to -36, -48 to -42	length, min, mean, median, max	40
Hematocrit	Hematocrit	Temporal	Lab Results	%	10-80	-6 to 0, -12 to -6, -18 to -12, -24 to -18, -30 to -24, -36 to -24, -42 to -36, -48 to -42	length, min, mean, median, max	40
Hemo_A1C	Hemoglobin A1c (Glycohemoglobin)	Temporal	Lab Results	%	0-24	-6 to 0, -12 to -6, -18 to -12, -24 to -18, -30 to -24, -36 to -24, -42 to -36, -48 to -42	length, min, mean, median, max	40
Hgb	Hemoglobin	Temporal	Lab Results	g/dL	2-20	-6 to 0, -12 to -6, -18 to -12, -24 to -18, -30 to -24, -36 to -24, -42 to -36, -48 to -42	length, min, mean, median, max	40
INR	International Normalized Ratio	Temporal	Lab Results	ratio	0.3-10	-6 to 0, -12 to -6, -18 to -12, -24 to -18, -30 to -24, -36 to -24, -42 to -36, -48 to -42	length, min, mean, median, max	40

LDLC	Low-Density Lipoprotein Cholesterol	Temporal	Lab Results	mg/dL	10-300	-6 to 0, -12 to -6, -18 to -12, -24 to -18, -30 to -24, -36 to -24, -42 to -36, -48 to -42	length, min, mean, median, max	40
MC_Ratio	Microalbumin-to-Creatinine Ratio	Temporal	Lab Results	mg/g	0-30000	-6 to 0, -12 to -6, -18 to -12, -24 to -18, -30 to -24, -36 to -24, -42 to -36, -48 to -42	length, min, mean, median, max	40
Phosphate	Serum Phosphate	Temporal	Lab Results	mg/dL	0.1-20	-6 to 0, -12 to -6, -18 to -12, -24 to -18, -30 to -24, -36 to -24, -42 to -36, -48 to -42	length, min, mean, median, max	40
Platelet	Platelet Count	Temporal	Lab Results	count/volume	0-1000	-6 to 0, -12 to -6, -18 to -12, -24 to -18, -30 to -24, -36 to -24, -42 to -36, -48 to -42	length, min, mean, median, max	40
Potassium	Serum Potassium	Temporal	Lab Results	meq/L or mmol/L	1-10	-6 to 0, -12 to -6, -18 to -12, -24 to -18, -30 to -24, -36 to -24, -42 to -36, -48 to -42	length, min, mean, median, max	40
sCr	Serum Creatinine	Temporal	Lab Results	mg/dL	0.4-20	-6 to 0, -12 to -6, -18 to -12, -24 to -18, -30 to -24, -36 to -24, -42 to -36, -48 to -42	length, min, mean, median, max	40
Sodium	Serum Sodium	Temporal	Lab Results	meq/L or mmol/L	90-190	-6 to 0, -12 to -6, -18 to -12, -24 to -18, -30 to -24, -36 to -24, -42 to -36, -48 to -42	length, min, mean, median, max	40
Tot chole	Total Cholesterol	Temporal	Lab Results	mg/dL	10-1000	-6 to 0, -12 to -6, -18 to -12, -24 to -18, -30 to -24, -36 to -24, -42 to -36, -48 to -42	length, min, mean, median, max	40
Triglyceride	Triglyceride	Temporal	Lab Results	mg/dL	10-10000	-6 to 0, -12 to -6, -18 to -12, -24 to -18, -30 to -24, -36 to -24, -42 to -36, -48 to -42	length, min, mean, median, max	40
WBC	Total White Blood Cell Count	Temporal	Lab Results	k/uL or k/mm^3	0-50000	-6 to 0, -12 to -6, -18 to -12, -24 to -18, -30 to -24, -36 to -24, -42 to -36, -48 to -42	length, min, mean, median, max	40
WT	Inpatient Weight	Temporal	Vital Signs	pound	60-700	-6 to 0, -12 to -6, -18 to -12, -24 to -18, -30 to -24, -36 to -24, -42 to -36, -48 to -42	length, min, mean, median, max	40
Systolic	Systolic Blood Pressure	Temporal	Vital Signs	mmHg	50-240	-6 to 0, -12 to -6, -18 to -12, -24 to -18, -30 to -24, -36 to -24, -42 to -36, -48 to -42	length, min, mean, median, max	40
Diastolic	Diastolic Blood Pressure	Temporal	Vital Signs	mmHg	30-150	-6 to 0, -12 to -6, -18 to -12, -24 to -18, -30 to -24, -36 to -24, -42 to -36, -48 to -42	length, min, mean, median, max	40
R	Respiratory Rate	Temporal	Vital Signs	breaths/minute	6-50	-6 to 0, -12 to -6, -18 to -12, -24 to -18, -30 to -24, -36 to -24, -42 to -36, -48 to -42	length, min, mean, median, max	40
T	Temperature	Temporal	Vital Signs	Fahrenheit	80-110	-6 to 0, -12 to -6, -18 to -12, -24 to -18, -30 to -24, -36 to -24, -42 to -36, -48 to -42	length, min, mean, median, max	40
Pulse	Pulse	Temporal	Vital Signs	beats/minute	30-200	-6 to 0, -12 to -6, -18 to -12, -24 to -18, -30 to -24, -36 to -24, -42 to -36, -48 to -42	length, min, mean, median, max	40
PO2	Partial Pressure of Oxygen	Temporal	Vital Signs	mmHg	30-100	-6 to 0, -12 to -6, -18 to -12, -24 to -18, -30 to -24, -36 to -24, -42 to -36, -48 to -42	length, min, mean, median, max	40
CVP	Central Venous Pressure	Temporal	Vital Signs	mmHg	0.5-30	-6 to 0, -12 to -6, -18 to -12, -24 to -18, -30 to -24, -36 to -24, -42 to -36, -48 to -42	length, min, mean, median, max	40
cr_ratio to baseline	Fold Change from Baseline Creatinine	Temporal	Lab Results	mg/dL		-6 to 0		1
cr_diff to baseline	Absolute Value Change from Baseline	Temporal	Lab Results	mg/dL		-6 to 0		1
bun_to_cr_ratio	BUN-to-Serum Creatine Ratio	Temporal	Lab Results	mg/dL		-6 to 0		1
current_aki_stage	Current AKI Stage	Temporal				no_aki, aki_1, aki_2, aki_3, aki_3d		1