Data Set Name: baseline_comorbidities.sas7bdat

Num	Variable	Type	Len	Label
1	BLUE_CORAL_ID	Char	7	Blue CORAL de-identified study ID number
2	DER_AP2_AGE	Num	8	APACHE 2 age component points
3	DER_APA2_CHE_YN	Num	8	Patient meets criteria for APACHE 2 chronic health points
4	DER_AP2_CHE	Num	8	APACHE 2 chronic health component points
5	DER_AP2_APS	Num	8	APACHE 2 acute physiology component points
6	DER_AP2	Num	8	APACHE 2 score
7	DER_CHARL_AGE	Num	8	Charlson--age component
8	DER_CHARL_MI	Num	8	Charlson--myocardial infarction points
9	DER_CHARL_CHF	Num	8	Charlson--congestive heart failure points
10	DER_CHARL_PVD	Num	8	Charlson--peripheral vascular disease points
11	DER_CHARL_CVA	Num	8	Charlson--cerebrovascular disease (with mild or no residual or TIA) points
12	DER_CHARL_HEMIPLEGIA	Num	8	Charlson--hemiplegia points
13	DER_CHARL_DEMENTIA	Num	8	Charlson--dementia points
14	DER_CHARL_PULM	Num	8	Charlson--chronic pulmonary disease points
15	DER_CHARL_CTD	Num	8	Charlson--connective tissue disease points
16	DER_CHARL_PUD	Num	8	Charlson--peptic ulcer disease points
17	DER_CHARL_LIVER	Num	8	Charlson--mild liver disease points
18	DER_CHARL_DM	Num	8	Charlson--diabetes without end-organ damage points
19	DER_CHARL_CKD	Num	8	Charlson--moderate or severe renal disease points
20	DER_CHARL_TUMOR	Num	8	Charlson--Tumor without metastases points
21	DER_CHARL_LEUK	Num	8	Charlson--leukemia points
22	DER_CHARL_LYMPH	Num	8	Charlson--lymphoma points
23	DER_CHARL_AIDS	Num	8	Charlson--AIDS points
24	DER_CHARL_NO_AGE	Num	8	Charlson Comorbidity Index without age component
25	DER_CHARL	Num	8	Charlson Comorbidity Index with age component
26	comorb_charlson_mi	Num	8	Charlson--Myocardial infarction
27	comorb_charlson_chf	Num	8	Charlson--Congestive heart failure
28	comorb_arrhth_atrial	Num	8	Atrial arrhythmia
29	comorb_arrhth_other	Num	8	Other (non-atrial) arrhythmia
30	comorb_htn	Num	8	Hypertension
31	comorb_charlson_pvd	Num	8	Charlson--Peripheral vascular disease
32	comorb_charlson_cva_mild	Num	8	Charlson--Cerebrovascular disease (with mild or no residual or TIA)
33	comorb_charlson_hemiplegia	Num	8	Charlson--Hemiplegia
34	comorb_charlson_dementia	Num	8	Charlson--Dementia
35	comorb_charlson_pulm	Num	8	Charlson--Chronic pulmonary disease
36	comorb_copd	Num	8	COPD/emphysema/chronic bronchitis
37	comorb_ild	Num	8	Interstitial lung disease

Num	Variable	Type	Len	Label
38	comorb_asthma	Num	8	Asthma
39	comorb_homeo2	Num	8	Home respiratory support
40	comorb_homeo2_amount	Num	8	Highest amount of oxygen used at baseline base
41	comorb_charlson_pud	Num	8	Charlson--Peptic ulcer disease
42	comorb_charlson_liver_mild	Num	8	Charlson--Mild liver disease
43	comorb_charlson_liver_sev	Num	8	Charlson--Moderate or severe liver disease
44	comorb_charlson_dm_mild	Num	8	Charlson--Diabetes without end-organ damage
45	comorb_charlson_dm_severe	Num	8	Charlson--Diabetes with end-organ damage
46	comorb_charlson_ctd	Num	8	Charlson--Connective tissue disease
47	comorb_charlson_renal_sev	Num	8	Charlson--Moderate or severe renal disease
48	comorb_dialysis	Num	8	Chronic dialysis
49	comorb_charlson_tumor_no	Num	8	Charlson--Tumor without metastases
50	comorb_charlson_tumor_mets	Num	8	Charlson--Metastatic solid tumor
51	comorb_charlson_leukemia	Num	8	Charlson--Leukemia
52	comorb_charlson_lymphoma	Num	8	Charlson--Lymphoma
53	comorb_charlson_aids	Num	8	Charlson--AIDS
54	comorb_hiv	Num	8	HIV
55	comorb_immunocomp	Num	8	Immunocompromised
56	DER_IMMUNOCOMPROMISED	Num	8	Immunocompromised definition 2
57	comorb_tb	Num	8	Tuberculosis
58	comorb_elix_etoh	Num	8	Alcohol abuse
59	comorb_elix_drugs	Num	8	Drug abuse
60	comorb_elix_psychosis	Num	8	Psychosis
61	comorb_elix_depression	Num	8	Depression
62	comorb_ptsd	Num	8	PTSD
63	comorb_anxiety	Num	8	Anxiety

Data Set Name: baseline_demographics.sas7bdat

Num	Variable	Type	Len	Label
1	BLUE_CORAL_ID	Char	7	Blue CORAL de-identified study ID number
2	sex	Num	8	Sex
3	pregnant	Num	8	Pregnant (Y/N)
4	DER_PREGNANT	Char	3	If pregnant female coded 1 (YES); non-pregnant female coded 0 (NO); male coded 0 (NO); unknown coded .
5	pregnant_weeks	Num	8	Gestational age
6	vaccine_yn	Num	8	Is patient known to have received â‰¥1 doses of any SARS-CoV-2 vaccine prior to study hospital admission?
7	exposure_hcw	Num	8	Is patient a healthcare worker?
8	smoking	Num	8	Cigarette or tobacco smoking
9	vaping	Num	8	Vaping
10	admit_admit_type	Num	8	Hospital admission type
11	admit_admit_resourcelimit	Num	8	Any indication in admission documentation of external triage limitations on access to intensive care?
12	admit_transfer_yn	Num	8	Patient transferred from another facility?
13	admit_transfer_why___1	Num	8	Reason for transfer Regionalized COVID-19 care
14	admit_transfer_why___2	Num	8	Reason for transfer Capacity issues at other hospital
15	admit_transfer_why___3	Num	8	Reason for transfer Need for higher level of care
16	admit_transfer_why___9	Num	8	Reason for transfer Other/unknown
17	admit_transfer_why___99	Num	8	Reason for transfer No response
18	DER_ADMIT_TRANSFER_ADMITDT	Num	8	Study day patient arrived at sending/referring facility (1 is same calendar day as study day 1, 0 is one calendar day before study day 1, -1 is two calendar days before study day 1, etc.)
19	goals_advancedirect	Num	8	Advanced directives or POLST in place before hospital admission?
20	goals_limit	Num	8	Patient limitations on life-sustaining therapy on admission
21	goals_self	Num	8	Is patient able to make medical decisions on admission?
22	goals_surrogate	Num	8	Does patient have surrogate decision makers/next of kin?
23	DER_ETHNICITY_RACE	Char	23	HISPANIC (ethnicity=1, regardless of race); BLACK (ethnicity<>1, race=3); WHITE (ethnicity<>1, race=5); MISSING/UNKNOWN/REFUSED (ethnicity ne 1, race=98,99 or'.'); OTHER (none of the above)

Data Set Name: baseline_home_meds.sas7bdat

Num	Variable	Type	Len	Label
1	BLUE_CORAL_ID	Char	7	Blue CORAL de-identified study ID number
2	meds_home_exp	Num	8	Is patient known to have received medication(s) as part of a COVID-19 research trial prior to study hospital arrival?
3	meds_home_exp_blind	Num	8	Was patient's treatment assignment blinded?
4	meds_home_exp_specb	Char	50	For blinded studies, list the treatment assignment possibilities/options.
5	meds_home_exp_specu	Char	12	For unblinded/open-label studies, list the treatment assignment patient received.
6	meds_home_acei	Num	8	ACE inhibitors
7	meds_home_arbs	Num	8	Angiotensin receptor blockers (ARBs)
8	home_meds_htn_other	Num	8	Other anti-hypertensive
9	meds_home_nsaids	Num	8	NSAIDs (non-steroidal anti-inflammatory drugs)
10	meds_home_asa	Num	8	Aspirin
11	meds_home_antiplt	Num	8	Other anti-platelet agent
12	meds_home_anticoag	Num	8	Chronic anticoagulation
13	meds_home_statin	Num	8	Statin
14	DER_HMED_STEROID_IMMUNOSUPPR	Num	8	Home meds immunocompromised
15	meds_home_steroidpo	Num	8	Chronic systemic/oral steroids
16	meds_home_steroidinh	Num	8	Chronic inhaled steroids
17	meds_home_immsupp	Num	8	Immunosuppressive medication
18	meds_home_haart	Num	8	Antiretroviral therapy (ART/HAART) for HIV/AIDS
19	meds_home_hcq	Num	8	Hydroxychloroquine (plaquenil)
20	meds_home_hcq_chronic	Num	8	Reason for hydroxychloroquine or chloroquine?
21	meds_home_azithro	Num	8	Azithromycin
22	meds_home_azithro_chronic	Num	8	Reason for azithromycin?

Data Set Name: baseline_initial_drug_tx.sas7bdat

Num	Variable	Type	Len	Label
1	BLUE_CORAL_ID	Char	7	Blue CORAL de-identified study ID number
2	meds_hosp_24h_exp	Num	8	Was a medication given as part of a research trial?
3	meds_hosp_24h_exp_blind	Num	8	Was patient's treatment assignment blinded?
4	meds_hosp_24h_exp_specb	Char	56	For blinded studies, list the treatment assignment possibilities/options.
5	meds_hosp_24h_exp_specu	Char	41	For unblinded/open-label studies, list the treatment assignment patient received.
6	meds_hosp_24h_hcq	Num	8	Hydroxychloroquine (plaquenil)
7	meds_hosp_24h_remdesivir	Num	8	Remdesivir
8	meds_hosp_24h_toci	Num	8	Tocilizumab (Actemra)
9	meds_hosp_24h_other___0	Num	8	Other medication(s) relevant for targeted COVID-19 treatment None
10	meds_hosp_24h_other___1	Num	8	Other medication(s) relevant for targeted COVID-19 treatment Chloroquine
11	meds_hosp_24h_other___2	Num	8	Other medication(s) relevant for targeted COVID-19 treatment Lopinavir/ritonavir (Kaletra)
12	meds_hosp_24h_other___3	Num	8	Other medication(s) relevant for targeted COVID-19 treatment Other HIV protease inhibitor
13	meds_hosp_24h_other___4	Num	8	Other medication(s) relevant for targeted COVID-19 treatment Interferon alpha
14	meds_hosp_24h_other___5	Num	8	Other medication(s) relevant for targeted COVID-19 treatment Interferon beta
15	meds_hosp_24h_other___6	Num	8	Other medication(s) relevant for targeted COVID-19 treatment Ribavirin
16	meds_hosp_24h_other___7	Num	8	Other medication(s) relevant for targeted COVID-19 treatment Oseltamivir (Tamiflu)
17	meds_hosp_24h_other___8	Num	8	Other medication(s) relevant for targeted COVID-19 treatment Baloxavir
18	meds_hosp_24h_other___9	Num	8	Other medication(s) relevant for targeted COVID-19 treatment Sarulimab (Kevzara
19	meds_hosp_24h_other___10	Num	8	Other medication(s) relevant for targeted COVID-19 treatment Anakinra (Kinaret)
20	meds_hosp_24h_other___13	Num	8	Other medication(s) relevant for targeted COVID-19 treatment Baricitinib (Olumiant)
21	meds_hosp_24h_other___11	Num	8	Other medication(s) relevant for targeted COVID-19 treatment IV vitamin C
22	meds_hosp_24h_other___12	Num	8	Other medication(s) relevant for targeted COVID-19 treatment Transfusion of convalescent plasma
23	meds_hosp_24h_other___14	Num	8	Other medication(s) relevant for targeted COVID-19 treatment Ivermectin
24	meds_hosp_24h_other___99	Num	8	Other medication(s) relevant for targeted COVID-19 treatment Other
25	meds_hosp_24h_other____99	Num	8	Other medication(s) relevant for targeted COVID-19 treatment Missing
26	meds_hosp_24h_other_oth	Char	23	List other medication(s) given to treat acute illness
27	meds_hosp_24h_cs_yn	Num	8	Any steroids (oral, IV, or inhaled)
28	meds_hosp_24h_cs_iv	Num	8	IV steroids
29	meds_hosp_24h_cs_po	Num	8	Oral/enteric steroids
30	meds_hosp_24h_cs_inh	Num	8	Inhaled steroids
31	meds_hosp_24h_cs_type___1	Num	8	Specific systemic steroids administered Dexamethasone (Decadron)
32	meds_hosp_24h_cs_type___2	Num	8	Specific systemic steroids administered Methylprednisolone (Solumedrol, Medrol)
33	meds_hosp_24h_cs_type___3	Num	8	Specific systemic steroids administered Hydrocortisone

Num	Variable	Type	Len	Label
34	meds_hosp_24h_cs_type___4	Num	8	Specific systemic steroids administered Predisone
35	meds_hosp_24h_cs_type___5	Num	8	Specific systemic steroids administered Prednisolone
36	meds_hosp_24h_cs_type___9	Num	8	Specific systemic steroids administered Other
37	meds_hosp_24h_cs_type___99	Num	8	Specific systemic steroids administered Dexamethasone Missing
38	meds_hosp_24h_azithro	Num	8	Azithromycin
39	meds_hosp_24h_otherabx	Num	8	Antibiotics other than azithromycin
40	meds_hosp_24h_sedatives___0	Num	8	Sedatives used for patient while on ventilator None
41	meds_hosp_24h_sedatives___1	Num	8	Sedatives used for patient while on ventilator Propofol
42	meds_hosp_24h_sedatives___2	Num	8	Sedatives used for patient while on ventilator Dexmedetomidine (Precedex)
43	meds_hosp_24h_sedatives___3	Num	8	Sedatives used for patient while on ventilator Benzodiazepine (continuous infusion)
44	meds_hosp_24h_sedatives___4	Num	8	Sedatives used for patient while on ventilator Benzodiazepine (intermittent bolus)
45	meds_hosp_24h_sedatives___5	Num	8	Sedatives used for patient while on ventilator Ketamine
46	meds_hosp_24h_sedatives___9	Num	8	Sedatives used for patient while on ventilator Other
47	meds_hosp_24h_sedatives___99	Num	8	Sedatives used for patient while on ventilator Missing
48	meds_hosp_24h_vteppx	Num	8	Prophylactic anticoagulation
49	meds_hosp_24h_anticoag	Num	8	Therapeutic anticoagulation
50	meds_hosp_24h_lytic	Num	8	Fibrinolytic ('lytic') therapy
51	meds_hosp_24h_nsaid	Num	8	NSAIDs (non-steroidal anti-inflammatory drugs)
52	meds_hosp_24h_acei	Num	8	ACE inhibitors
53	meds_hosp_24h_arb	Num	8	Angiotensin receptor blockers (ARBs)
54	meds_hosp_24h_fluids_iv	Num	8	Received >2L IV fluids within first 24 hours of hospital arrival?

Data Set Name: baseline_initial_labs.sas7bdat

Num	Variable	Type	Len	Label
1	BLUE_CORAL_ID	Char	7	Blue CORAL de-identified study ID number
2	lab_hosp_first_wbc	Num	8	First white blood count
3	lab_hosp_24h_wbc_low	Num	8	Lowest WBC
4	lab_hosp_24h_wbc_high	Num	8	Highest WBC
5	lab_hosp_first_lymph	Num	8	First lymphocyte count
6	lab_hosp_first_pmn	Num	8	First neutrophil count (ANC)
7	lab_hosp_first_hct	Num	8	First hematocrit
8	lab_hosp_24h_hct_low	Num	8	Lowest hematocrit
9	lab_hosp_24h_hct_high	Num	8	Highest hematocrit
10	lab_hosp_first_hgb	Num	8	First hemoglobin
11	lab_hosp_first_platelet	Num	8	First platelets
12	lab_hosp_first_ptt	Num	8	First PTT
13	lab_hosp_first_inr	Num	8	First INR
14	lab_hosp_first_fib	Num	8	First fibrinogen
15	lab_hosp_first_na	Num	8	First sodium
16	lab_hosp_24h_na_low	Num	8	Lowest sodium
17	lab_hosp_24h_na_high	Num	8	Highest sodium
18	lab_hosp_first_k	Num	8	First potassium
19	lab_hosp_24h_k_low	Num	8	Lowest potassium
20	lab_hosp_24h_k_high	Num	8	Highest potassium
21	lab_hosp_first_hco3	Num	8	"First serum bicarbonate (HCO3, "total CO2, or CO2 from serum chemistry panel)
22	lab_hosp_first_bun	Num	8	First BUN
23	lab_hosp_first_cr	Num	8	First creatinine
24	lab_hosp_first_gluc	Num	8	First glucose
25	lab_hosp_first_ast	Num	8	First AST
26	lab_hosp_first_alt	Num	8	First ALT
27	lab_hosp_first_bili	Num	8	First total bilirubin
28	lab_hosp_first_alb	Num	8	First albumin
29	lab_hosp_first_lactate	Num	8	First lactate
30	lab_hosp_first_pct	Num	8	First procalcitonin
31	lab_hosp_first_crp	Num	8	First CRP
32	lab_hosp_first_ldh	Num	8	First LDH
33	lab_hosp_first_ck	Num	8	First CK
34	lab_hosp_first_trop	Num	8	First troponin I
35	lab_hosp_first_bnp	Num	8	First BNP
36	lab_hosp_first_ddimer	Num	8	First D-dimer

Num	Variable	Type	Len	Label
37	lab_hosp_first_ferritin	Num	8	First ferritin
38	lab_hosp_first_trig	Num	8	First triglycerides
39	lab_hosp_first_il6	Num	8	First IL-6
40	lab_hosp_first_pao2	Num	8	First PaO2
41	lab_hosp_first_fio2	Num	8	FiO2 at time of first PaO2
42	lab_hosp_first_ph	Num	8	pH at time of first PaO2
43	lab_hosp_first_paco2	Num	8	PaCO2 at time of first PaO2
44	lab_hosp_24h_pao2_lowest	Num	8	Lowest PaO2 within 24h of hospital arrival
45	lab_hosp_24h_fio2_low	Num	8	FiO2 at time of lowest PaO2.
46	lab_hosp_24h_ph_low	Num	8	pH from ABG with lowest PaO2
47	lab_hosp_24h_vent_low	Num	8	On ventilator at time of lowest PaO2?

Data Set Name: baseline_initial_support_tx.sas7bdat

Num	Variable	Type	Len	Label
1	BLUE_CORAL_ID	Char	7	Blue CORAL de-identified study ID number
2	tx_hosp_24h_icu	Num	8	ICU or ICU step-down/intermediate care unit admission
3	tx_hosp_24h_vent	Num	8	Invasive ventilation
4	tx_hosp_24h_nippv	Num	8	Non-invasive ventilation (e.g. BiPAP, CPAP)
5	tx_hosp_24h_o2therapy	Num	8	Nasal cannula, face mask, or HFNC oxygen therapy
6	tx_hosp_24h_o2flow	Num	8	Maximum O2 flow via NC, face mask, or HFNC
7	tx_hosp_24h_o2mode	Num	8	Most intense method used to give support
8	tx_hosp_24h_max_o2flow	Num	8	Maximum O2 flow within 24 hours of hospital arrival
9	tx_hosp_24h_max_fio2	Num	8	Maximum FiO2 within 24 hours of hospital arrival
10	tx_hosp_24h_max_fio2_calc	Num	8	Calculated maximum FiO2 within 24h of hospital arrival; if on vent or NIPPV highest FiO2 recorded will be value regardless of O2 flow from oxygen therapy
11	tx_hosp_24h_pressor	Num	8	Vasopressors/inotropes
12	tx_hosp_24h_pressor_dose	Num	8	Dose of vasopressors/inotropes
13	tx_hosp_24h_ecmo	Num	8	ECMO
14	tx_hosp_24h_prone	Num	8	Prone positioning
15	tx_hosp_24h_ino	Num	8	Treated with inhaled pulmonary vasodilators (nitric oxide [iNO] or epoprostenol [Flolan])
16	tx_hosp_24h_nmb	Num	8	Therapeutic neuromuscular blockade / therapeutic paralysis
17	tx_hosp_24h_rrt	Num	8	Renal replacement therapy / dialysis

Data Set Name: baseline_initial_vs.sas7bdat

Num	Variable	Type	Len	Label
1	BLUE_CORAL_ID	Char	7	Blue CORAL de-identified study ID number
2	vs_hosp_first_temp_c	Num	8	First temperature (ËšC [calculated])
3	vs_hosp24_temp_low_c	Num	8	Lowest temperature (ËšC [calculated])
4	vs_hosp24_temp_high_c	Num	8	Highest temperature (ËšC [calculated])
5	vs_hosp_first_hr	Num	8	First heart rate
6	vs_hosp24_hr_low	Num	8	Lowest HR
7	vs_hosp24_hr_high	Num	8	Highest HR
8	vs_hosp_first_rr	Num	8	First respiratory rate
9	vs_hosp24_rr_low	Num	8	Lowest RR
10	vs_hosp24_rr_high	Num	8	Highest RR
11	vs_hosp_first_sbp	Num	8	First systolic blood pressure
12	vs_hosp24_sbp_low	Num	8	Lowest SBP
13	vs_hosp24_sbp_high	Num	8	Highest SBP
14	vs_hosp_first_dbp	Num	8	First diastolic blood pressure
15	vs_hosp_first_map	Num	8	First mean arterial pressure
16	vs_hosp24_map_low	Num	8	Lowest MAP
17	vs_hosp24_map_high	Num	8	Highest MAP
18	vs_hosp_first_o2sat	Num	8	First oxygen saturation (%)
19	vs_hosp_first_fio2	Num	8	FiO2 at time of first oxygen sat
20	vs_hosp_first_o2supp	Num	8	Oxygen support at time of first O2 sat
21	vs_hosp24_o2sat_low	Num	8	Lowest O2 sat (%)
22	vs_hosp24_fio2_high	Num	8	FiO2 at time of lowest O2 sat
23	vs_hosp_first_weight	Num	8	First weight (kg) during hospitalization
24	vs_hosp_first_height	Num	8	First height (cm) during hospitalization
25	vs_hosp_first_bmi	Num	8	First BMI (auto-calculated)
26	vs_hosp_first_gcs_avail	Num	8	Was GCS explicitly documented?
27	vs_hosp_first_gcs	Num	8	First GCS
28	vs_hosp24_gcs_low	Num	8	Lowest GCS

Data Set Name: baseline_survey.sas7bdat

Num	Variable	Type	Len	Label
1	BLUE_CORAL_ID	Char	7	Blue CORAL de-identified study ID number
2	rls_loc	Num	8	Patient location prior to current hospitalization:
3	rls_locspec	Char	26	Please specify:
4	rh_num	Num	8	How many days was the patient in the hospital in the month before the current hospitalization?
5	function_prioradmit_count	Num	8	How many times was the patient admitted to a hospital in the past year?
6	function_edadmit	Num	8	Did the patient visit an emergency room or emergency department in the past year?
7	hfs_leftover	Num	8	At the end of each month over the past past 3 months, did you or your household mostly end up with more than enough money left over, some money left over, just enough to make ends meet, or not enough to make ends meet?
8	hfs_savings	Num	8	In the last 6 months, have you used up all or most of your savings?
9	hfs_unabletopay	Num	8	In the last 6 months, were you unable to pay for necessities like food, heat, or housing?
10	hfs_collection	Num	8	In the last 6 months, were you contacted by a collection agency?
11	hfs_bankrupt	Num	8	In the last 6 months, did you declare bankruptcy?
12	hfs_care	Num	8	In the last 6 months, did you skip or delay getting medical care you thought you needed because of the cost?
13	hfs_meds	Num	8	In the last 6 months, did you take less medication than was prescribed to you because of the cost?
14	hfs_income	Num	8	For your household in 2019, was your household income:
15	oi_job	Char	46	What is your occupation or your main job now?
16	oi_industry	Char	22	What kind of business or industry is that in?
17	oi_education	Num	8	How many years of education do you have?
18	nh_count	Num	8	How many people were living or staying in your house, apartment, or mobile home just before you were admitted to the hospital?
19	eq_mob	Num	8	Mobility:
20	eq_selfcare	Num	8	Self care:
21	eq_act	Num	8	Usual activities:
22	eq_pain	Num	8	Pain / discomfort:
23	eq_anx	Num	8	Anxiety / depression:
24	adl_yn	Num	8	Was ADL/IADL survey administered to the patient or surrogate?
25	adl_emr	Num	8	If survey was not administered, is there evidence in the medical record that patient was completely dependent on help for ADLs/IADLs at baseline?
26	pfunc_dressing	Num	8	Dressing, including putting on shoes and socks?
27	pfunc_walking	Num	8	Walking across a room?
28	pfunc_bathing	Num	8	Bathing or showering?
29	pfunc_eating	Num	8	Eating, such as cutting up their food?
30	pfunc_bed	Num	8	Getting in or out of bed?
31	pfunc_toilet	Num	8	Using the toilet, including getting up and down?
32	pfunc_map	Num	8	Using a map to figure out how to get around in a strange place?

Num	Variable	Type	Len	Label
33	pfunc_cooking	Num	8	Preparing a hot meal?
34	pfunc_shopping	Num	8	Shopping for groceries?
35	pfunc_telephoning	Num	8	Making phone calls?
36	pfunc_medicating	Num	8	Taking medications?
37	pfunc_money	Num	8	Managing their money such as paying their bills and keeping track of expenses?
38	pfunc_stooping	Num	8	Stooping, kneeling, or crouching?
39	pfunc_lifting	Num	8	Lifting or carrying weights over 10 pounds, like a heavy bag of groceries?
40	ad8_surrogate	Num	8	Was the patient consented by a surrogate or LAR?
41	ad8_yn	Num	8	Was the AD8 survey administered to the surrogate or LAR?
42	pfunc_ad8judge	Num	8	Problems with judgment (e.g., problems making decisions, bad financial decisions, problems with thinking)
43	pfunc_ad8hobbies	Num	8	Less interest in hobbies/activities
44	pfunc_ad8repeat	Num	8	Repeats the same things over and over (questions, stories, or statements)
45	pfunc_ad8learning	Num	8	Trouble learning how to use a tool, appliance, or gadget (e.g., VCR, computer, microwave, remote control)
46	pfunc_ad8date	Num	8	Forgets correct month or year
47	pfunc_ad8finance	Num	8	Trouble handling complicated financial affairs (e.g., balancing checkbook, income taxes, paying bills)
48	pfunc_ad8appointment	Num	8	Trouble remembering appointments
49	pfunc_ad8memory	Num	8	Daily problems with thinking and/or memory
50	function_frailty	Num	8	Frailty scale

Data Set Name: baseline_symptoms.sas7bdat

Num	Variable	Type	Len	Label
1	BLUE_CORAL_ID	Char	7	Blue CORAL de-identified study ID number
2	symptom_onset_known	Num	8	Is the symptom onset date known?
3	DER_SYMPTOM_ONSET_DATE	Num	8	Symptom onset day (1 is same calendar day as study day 1, 0 is one calendar day before study day 1, -1 is two calendar days before study day 1, etc.)
4	symptom_source_pt	Num	8	Was patient able to provide symptom history for clinical documentation?
5	symptom_source_other___1	Num	8	Other sources of symptom history used for clinical documentation
6	symptom_source_other___2	Num	8	Other source of information Vital signs or physical exam documentation
7	symptom_source_other___9	Num	8	Other source of information Other
8	symptom_source_other___0	Num	8	Other source of information None
9	symptom_source_other___99	Num	8	Other source of information Missing
10	symptom_fever	Num	8	Fever
11	symptom_chills	Num	8	Chills/rigors/shivering
12	symptom_cough	Num	8	Cough (any)
13	symptom_cough_prod	Num	8	Cough with sputum production
14	symptom_sorethroat	Num	8	Sore throat
15	symptom_rhinorrhoea	Num	8	Runny nose (rhinorrhoea)
16	symptom_wheeze	Num	8	Wheezing
17	symptom_chestpain	Num	8	Chest pain
18	symptom_myalgia	Num	8	Muscle aches (myalgia)
19	symptom_arthralgia	Num	8	Joint pain (arthralgia)
20	symptom_fatigue	Num	8	Fatigue/malaise
21	symptom_dyspnea	Num	8	Shortness of breath (dyspnea) at rest, with exertion or lying flat (orthopnea)
22	symptom_edema	Num	8	Swelling (edema)
23	symptoms_nonamb	Num	8	Unable to walk
24	symptom_headache	Num	8	Headache
25	symptom_confusion	Num	8	Altered consciousness or confusion
26	symptom_seizure	Num	8	Seizures
27	symptom_syncope	Num	8	Fainting (syncope)
28	symptom_anosmia	Num	8	Loss or impairment of sense of smell (anosmia)
29	symptom_ageusia	Num	8	Loss or impairment of sense of taste (ageusia)
30	symptom_abdpain	Num	8	Abdominal pain
31	symptom_nausea	Num	8	Nausea/vomiting
32	symptom_diarrhea	Num	8	Diarrhea
33	symptom_conjunctivitis	Num	8	Conjunctivitis

Data Set Name: daily_assessment.sas7bdat

Num	Variable	Type	Len	Label
1	BLUE_CORAL_ID	Char	7	Blue CORAL de-identified study ID number
2	DER_DATE_DLY	Num	8	Day of daily assessment (from study day 1)
3	tx_hosp_inpt_dly	Num	8	Was patient in the hospital at any point on this study day?
4	tx_hosp_death_dly	Num	8	Is patient known to have died on or before this date?
5	tx_hosp_icu_dly	Num	8	Did patient spend any time in an ICU or ICU step-down/intermediate care unit during this calendar day?
6	vs_hosp_temp_dly_c	Num	8	Temperature (ËšC [calculated])
7	vs_hosp_hr_dly	Num	8	Heart rate
8	vs_hosp_rr_dly	Num	8	Respiratory rate
9	vs_hosp_sbp_dly	Num	8	Systolic blood pressure
10	vs_hosp_dbp_dly	Num	8	Diastolic blood pressure
11	vs_hosp_map_dly	Num	8	Mean arterial pressure
12	vs_hosp_map_l_dly	Num	8	Lowest MAP on calendar day
13	vs_hosp_o2sat_dly	Num	8	Oxygen saturation
14	vs_hosp_fio2_dly	Num	8	FiO2 at time of oxygen sat.
15	lab_hosp_sao2_l_dly	Num	8	Lowest O2 sat (%)
16	lab_hosp_sf_l_dly	Num	8	FiO2 accompanying lowest O2 sat
17	vs_hosp_gcs_avail_dly	Num	8	Was GCS explicitly documented?
18	vs_hosp_gcs_dly	Num	8	GCS
19	vs_hosp_gcs_l_dly	Num	8	Lowest GCS on calendar day
20	vs_hosp_rass_dly	Num	8	RASS
21	vs_hosp_cam_dly	Num	8	CAM status
22	vs_hosp_uop_dly	Num	8	Urine output (mL)
23	vs_hosp_netoutput_dly	Num	8	24-hour total output (mL)
24	vs_hosp_netintake_dly	Num	8	24-hour total intake (mL)
25	lab_hosp_wbc_dly	Num	8	WBC
26	lab_hosp_lymph_dly	Num	8	Lymphocyte count
27	lab_hosp_hct_dly	Num	8	Hematocrit
28	lab_hosp_hgb_dly	Num	8	Hemoglobin
29	lab_hosp_platelet_dly	Num	8	Platelets
30	lab_hosp_platelet_l_dly	Num	8	Lowest platelets on calendar day
31	lab_hosp_ptt_dly	Num	8	PTT
32	lab_hosp_pt_dly	Num	8	PT
33	lab_hosp_inr_dly	Num	8	INR
34	lab_hosp_fib_dly	Num	8	Fibrinogen
35	lab_hosp_na_dly	Num	8	Sodium
36	lab_hosp_k_dly	Num	8	Potassium

Num	Variable	Type	Len	Label
37	lab_hosp_cl_dly	Num	8	Chloride
38	lab_hosp_hco3_dly	Num	8	Serum bicarbonate (HCO3, "total CO2", or "CO2" from serum chemistry panel)
39	lab_hosp_bun_dly	Num	8	BUN
40	lab_hosp_cr_dly	Num	8	Creatinine
41	lab_hosp_cr_h_dly	Num	8	Highest creatinine on calendar day
42	lab_hosp_gluc_dly	Num	8	Glucose
43	lab_hosp_ca_dly	Num	8	Total calcium (not ionized)
44	lab_hosp_ast_dly	Num	8	AST
45	lab_hosp_alt_dly	Num	8	ALT
46	lab_hosp_bili_dly	Num	8	Total bilirubin
47	lab_hosp_bili_h_dly	Num	8	Highest total bilirubin on calendar day
48	lab_hosp_ap_dly	Num	8	Alkaline phosphatase
49	lab_hosp_tprot_dly	Num	8	Total protein
50	lab_hosp_alb_dly	Num	8	Albumin
51	lab_hosp_lactate_dly	Num	8	Lactate
52	lab_hosp_pct_dly	Num	8	Procalcitonin
53	lab_hosp_crp_dly	Num	8	CRP
54	lab_hosp_ldh_dly	Num	8	LDH
55	lab_hosp_ck_dly	Num	8	CK
56	lab_hosp_trop_dly	Num	8	Troponin I
57	lab_hosp_bnp_dly	Num	8	BNP
58	lab_hosp_ddimer_dly	Num	8	D-dimer
59	lab_hosp_ferritin_dly	Num	8	Ferritin
60	lab_hosp_trig_dly	Num	8	Triglycerides
61	lab_hosp_il6_dly	Num	8	IL-6
62	lab_hosp_pao2_dly	Num	8	PaO2
63	lab_hosp_fio2_dly	Num	8	FiO2 at time of PaO2
64	lab_hosp_ph_dly	Num	8	pH at time of PaO2
65	lab_hosp_paco2_dly	Num	8	PaCO2 at time of PaO2
66	lab_hosp_pao2_l_dly	Num	8	Lowest PaO2 on calendar day
67	lab_hosp_pf_l_dly	Num	8	FiO2 accompanying lowest PaO2 on calendar day
68	tx_hosp_nippv_dly	Num	8	Non-invasive ventilation (e.g. BiPAP, CPAP)
69	tx_hosp_vent_dly	Num	8	Invasive ventilation
70	tx_hosp_o2therapy_dly	Num	8	Nasal cannula, face mask, or HFNC oxygen therapy
71	tx_hosp_o2flow_dly	Num	8	Maximum O2 flow via NC, face mask, or HFNC
72	tx_hosp_o2mode_dly	Num	8	Most intense method used to give support
73	tx_hosp_max_o2flow_dly	Num	8	Maximum O2 flow on calendar day
74	tx_hosp_max_fio2_dly	Num	8	Maximum FiO2 on calendar day
75	tx_hosp_max_fio2_calc_dly	Num	8	Calculated maximum FiO2 within 24h of hospital arrival

Num	Variable	Type	Len	Label
76	tx_hosp_pressor_dly	Num	8	Vasopressors/inotropes
77	tx_hosp_pressor_dose_dly	Num	8	Dose of vasopressors/inotropes
78	tx_hosp_ecmo_dly	Num	8	ECMO
79	tx_hosp_ino_dly	Num	8	Treated with inhaled pulmonary vasodilators (nitric oxide [iNO] or epoprostenol [Flolan])
80	tx_hosp_nmb_dly	Num	8	Therapeutic neuromuscular blockade / therapeutic paralysis
81	tx_hosp_prone_dly	Num	8	Prone positioning
82	tx_hosp_rrt_dly	Num	8	Renal replacement therapy / dialysis
83	tx_hosp_vent_dly_mode	Num	8	Ventilator mode
84	tx_hosp_vent_dly_vtset	Num	8	Set tidal volume (mL)
85	tx_hosp_vent_dly_pcset	Num	8	Set inspiratory pressure (cmH2O)
86	tx_hosp_vent_dly_psset	Num	8	Pressure support set (cmH2O)
87	tx_hosp_vent_dly_vtact	Num	8	Actual tidal volume (mL)
88	tx_hosp_vent_dly_peak	Num	8	Peak pressure (cmH2O)
89	tx_hosp_vent_dly_plateau	Num	8	Plateau pressure (cmH2O)
90	tx_hosp_vent_dly_rrset	Num	8	Set respiratory rate (RR)
91	tx_hosp_vent_dly_rractual	Num	8	Actual/total respiratory rate (RR)
92	tx_hosp_vent_dly_ve	Num	8	Total minute ventilation
93	tx_hosp_vent_dly_peep	Num	8	Positive end-expiratory pressure (PEEP, cmH20)
94	tx_hosp_vent_dly_fio2	Num	8	FiO2
95	tx_hosp_vent_dly_o2sat	Num	8	O2 sat (%)
96	tx_hosp_vent_dly_ieset	Num	8	Set I:E ratio
97	tx_hosp_vent_dly_ieact	Num	8	Actual I:E ratio
98	meds_hosp_hcq_dly	Num	8	Hydroxychloroquine (plaquenil)
99	meds_hosp_remdesivir_dly	Num	8	Remdesivir
100	meds_hosp_toci_dly	Num	8	Tocilizumab (Actemra)
101	meds_hosp_other_dly___0	Num	8	Other medication(s) relevant for targeted COVID-19 treatment None
102	meds_hosp_other_dly___1	Num	8	Other medication(s) relevant for targeted COVID-19 treatment Chloroquine
103	meds_hosp_other_dly___2	Num	8	Other medication(s) relevant for targeted COVID-19 treatment Lopinavir/ritonavir (Kaletra)
104	meds_hosp_other_dly___3	Num	8	Other medication(s) relevant for targeted COVID-19 treatment Other HIV protease inhibitor
105	meds_hosp_other_dly___4	Num	8	Other medication(s) relevant for targeted COVID-19 treatment Interferon alpha
106	meds_hosp_other_dly___5	Num	8	Other medication(s) relevant for targeted COVID-19 treatment Interferon beta
107	meds_hosp_other_dly___6	Num	8	Other medication(s) relevant for targeted COVID-19 treatment Ribavirin
108	meds_hosp_other_dly___7	Num	8	Other medication(s) relevant for targeted COVID-19 treatment Oseltamivir (Tamiflu)
109	meds_hosp_other_dly___8	Num	8	Other medication(s) relevant for targeted COVID-19 treatment Baloxavir
110	meds_hosp_other_dly___9	Num	8	Other medication(s) relevant for targeted COVID-19 treatment Sarulimab (Kevzara
111	meds_hosp_other_dly___10	Num	8	Other medication(s) relevant for targeted COVID-19 treatment Anakinra (Kinaret)

Num	Variable	Type	Len	Label
112	meds_hosp_other_dly___13	Num	8	Other medication(s) relevant for targeted COVID-19 treatment Baricitinib (Olumiant)
113	meds_hosp_other_dly___11	Num	8	Other medication(s) relevant for targeted COVID-19 treatment IV vitamin C
114	meds_hosp_other_dly___12	Num	8	Other medication(s) relevant for targeted COVID-19 treatment Transfusion of convalescent plasma
115	meds_hosp_other_dly___14	Num	8	Other medication(s) relevant for targeted COVID-19 treatment Ivermectin
116	meds_hosp_other_dly___99	Num	8	Other medication(s) relevant for targeted COVID-19 treatment Other
117	meds_hosp_other_dly____99	Num	8	Other medication(s) relevant for targeted COVID-19 treatment Missing
118	meds_hosp_other_oth_dly	Char	29	List other medication(s) given to treat acute illness
119	meds_hosp_antiviral_yn_dly	Num	8	Antiviral (excluding meds given as part of placebo-controlled RCT)
120	meds_hosp_cs_yn_dly	Num	8	Any steroids (oral, IV, or inhaled)
121	meds_hosp_cs_iv_dly	Num	8	IV steroids
122	meds_hosp_cs_po_dly	Num	8	Oral/enteric steroids
123	meds_hosp_cs_inh_dly	Num	8	Inhaled steroids
124	meds_hosp_cs_type_dly___1	Num	8	Specific systemic steroids administered Dexamethasone (Decadron)
125	meds_hosp_cs_type_dly___2	Num	8	Specific systemic steroids administered Methylprednisolone (Solumedrol, Medrol)
126	meds_hosp_cs_type_dly___3	Num	8	Specific systemic steroids administered Hydrocortisone
127	meds_hosp_cs_type_dly___4	Num	8	Specific systemic steroids administered Predisone
128	meds_hosp_cs_type_dly___5	Num	8	Specific systemic steroids administered Prednisolone
129	meds_hosp_cs_type_dly___9	Num	8	Specific systemic steroids administered Other
130	meds_hosp_cs_type_dly____99	Num	8	Specific systemic steroids administered Dexamethasone Missing
131	meds_hosp_azithro_dly	Num	8	Azithromycin
132	meds_hosp_abx_dly	Num	8	Antibiotics other than azithromycin
133	meds_hosp_sedatives_dly___0	Num	8	Sedatives used for patient while on ventilator None
134	meds_hosp_sedatives_dly___1	Num	8	Sedatives used for patient while on ventilator Propofol
135	meds_hosp_sedatives_dly___2	Num	8	Sedatives used for patient while on ventilator Dexmedetomidine (Precedex)
136	meds_hosp_sedatives_dly___3	Num	8	Sedatives used for patient while on ventilator Benzodiazepine (continuous infusion)
137	meds_hosp_sedatives_dly___4	Num	8	Sedatives used for patient while on ventilator Benzodiazepine (intermittent bolus)
138	meds_hosp_sedatives_dly___5	Num	8	Sedatives used for patient while on ventilator Ketamine
139	meds_hosp_sedatives_dly___9	Num	8	Sedatives used for patient while on ventilator Other
140	meds_hosp_sedatives_dly____99	Num	8	Sedatives used for patient while on ventilator Missing
141	meds_hosp_vteppx_dly	Num	8	Prophylactic anticoagulation
142	meds_hosp_anticoag_dly	Num	8	Therapeutic anticoagulation
143	meds_hosp_lytic_dly	Num	8	Fibrinolytic ("lytic") therapy
144	meds_hosp_nsaid_dly	Num	8	NSAIDs (non-steroidal anti-inflammatory drugs)
145	meds_hosp_acei_dly	Num	8	ACE inhibitors
146	meds_hosp_arb_dly	Num	8	Angiotensin receptor blockers (ARBs)
147	meds_hosp_diuretic_dly	Num	8	Diuretics

Data Set Name: inclusion.sas7bdat

Num	Variable	Type	Len	Label
1	BLUE_CORAL_ID	Char	7	Blue CORAL de-identified study ID number
2	cx_covid_yn	Num	8	SARS-CoV-2 PCR or antigen test done
3	cx_covid_test_count	Num	8	Total known number of SARS-CoV-2 PCR or antigen tests completed
4	cx_covid_pos_ever_yn	Num	8	Any positive SARS-CoV-2 PCR or antigen test?
5	DER_CX_COVID_POS_FIRST_DT	Num	8	Specimen collection day for first positive SARS-CoV-2 PCR or antigen test (1 is same calendar day as study day 1, 0 is one calendar day before study day 1, -1 is two calendar days before study day 1, etc.)
6	DER_CX_COVID_POS_FIRST_TIME	Num	8	Specimen collection time for first positive SARS-CoV-2 PCR or antigen test
7	cx_covid1_pos_yn	Num	8	Was the patient's positive SARS-CoV-2 PCR or antigen test also their first ever PCR or antigen test?
8	cx_covid_pos_qual_yn	Num	8	Was the patient's first positive COVID-19 PCR or antigen test also the test that qualified them for BLUE CORAL?
9	cx_covid1_result	Num	8	Results of subject's first ever SARS-CoV-2 PCR or antigen test
10	DER_CX_COVID1_SPEC_DT	Num	8	Specimen collection day for first ever SARS-CoV-2-PCR or antigen test (1 is same calendar day as study day 1, 0 is one calendar day before study day 1, -1 is two calendar days before study day 1, etc.)
11	DER_CX_COVID1_SPEC_TIME	Num	8	Specimen collection time for first ever SARS-CoV-2-PCR or antigen test
12	DER_CX_COVID_POS_QUAL_DT	Num	8	Specimen collection day for the positive COVID-19 PCR or antigen test that qualified patient for BLUE CORAL (i.e. occurred within 14 days of study hospital admission) (1 is same calendar day as study day 1)
13	DER_CX_COVID_POS_QUAL_TIME	Num	8	Specimen collection time for the positive COVID-19 PCR or antigen test that qualified patient for BLUE CORAL (i.e. occurred within 14 days of study hospital admission)
14	admit_yn	Num	8	Was COVID-19 associated with an admission to a study hospital?
15	DER_ADMIT_ADMIT_DT	Num	8	Day of first admission to study hospital (1 is same calendar day as study day 1, 0 is one calendar day before study day 1, -1 is two calendar days before study day 1, etc.)
16	DER_ADMIT_ADMIT_TIME	Num	8	Time of first admission to study hospital
17	admit_ed_yn	Num	8	Did this admission occur via the study hospital's ED?
18	DER_ADMIT_ED_ARRIVAL_DT	Num	8	Day of study hospital ED arrival for ED visit leading to first hospital admission (1 is same calendar day as study day 1, 0 is one calendar day before study day 1, -1 is two calendar days before study day 1, etc.)
19	DER_ADMIT_ED_ARRIVAL_TIME	Num	8	Time of study hospital ED arrival for ED visit leading to first hospital admission
20	DER_ENROLL_CORAL_DATE	Num	8	CORAL enrollment day (1 is same calendar day as study day 1, 0 is one calendar day before study day 1, -1 is two calendar days before study day 1, etc.)
21	elig_fever	Num	8	History of self reported feverishness or measured fever of â‰¥38ËšC (â‰¥100.4ËšF)
22	elig_cough	Num	8	Cough
23	elig_dyspnea	Num	8	Dyspnea (shortness of breath) OR tachypnea*

Num	Variable	Type	Len	Label
24	elig_ari	Num	8	Clinical suspicion of acute respiratory infection (ARI) despite not meeting criteria above (e.g. hypoxemia, diagnosis of pneumonia, bilateral pulmonary opacities)
25	elig_prisoner	Num	8	Known to be a prisoner or otherwise in legal custody at time of admission to the hospital
26	elig_priorenroll_blue	Num	8	Prior enrollment in BLUE CORAL
27	elig_age	Num	8	Age ≤17 years
28	elig_cmo	Num	8	At the time of BLUE CORAL enrollment evaluation, patient has comfort care orders in place or patient is not expected to survive for 24 hours
29	elig_los	Num	8	At the time of BLUE CORAL enrollment evaluation, patient has more than 72 hours of continuous hospitalization
30	enroll_coral	Num	8	Enrolled in BLUE CORAL?
31	withdraw_yn	Num	8	Does the patient want to withdraw from the BLUE CORAL study?
32	withdraw_type	Num	8	In what manner does the patient wish to withdraw from the study?
33	DER_WITHDRAW_DAY	Num	8	Study day patient withdrew from BLUE CORAL study (1 is same calendar day as study day 1, 0 is one calendar day before study day 1, -1 is two calendar days before study day 1, etc.)
34	withdraw_reason	Char	185	Reason for Withdrawal

Data Set Name: summative_complications.sas7bdat

Num	Variable	Type	Len	Label
1	BLUE_CORAL_ID	Char	7	Blue CORAL de-identified study ID number
2	comp_seizure	Num	8	Seizures
3	comp_meningitis	Num	8	Meningitis/encephalitis
4	comp_stroke	Num	8	Stroke/cerebrovascular accident (CVA)
5	comp_stroke_ischemic	Num	8	Ischemic/embolic stroke
6	comp_stroke_hemorrhagic	Num	8	Hemorrhagic stroke
7	comp_arrhyth_afib	Num	8	Atrial fibrillation
8	comp_arrhyth_ventric	Num	8	Ventricular arrhythmia
9	comp_endocarditis	Num	8	Endocarditis
10	comp_carditis	Num	8	Myocarditis/pericarditis
11	comp_arrest	Num	8	Cardiac arrest
12	comp_stemi	Num	8	ST-elevation MI (STEMI)
13	comp_nstemi	Num	8	Non-ST elevation MI (NSTEMI) or other cardiac ischemia
14	comp_chf	Num	8	Congestive heart failure (CHF) / cardiomyopathy
15	comp_pna	Num	8	Pneumonia
16	comp_ards	Num	8	ARDS
17	comp_ptx	Num	8	Pneumothorax
18	comp_pneumomed	Num	8	Pneumomediastinum
19	comp_artischemia	Num	8	Acute arterial thromboembolism excluding stroke/CVA or myocardial infarction
20	comp_vte	Num	8	Acute venous thromboembolism
21	comp_pe	Num	8	Pulmonary embolism (PE)
22	comp_pe_dx	Num	8	What was the most definitive method used to diagnose the pulmonary embolism (PE)?
23	comp_dvt	Num	8	Deep vein thrombosis (DVT) of proximal or central vein
24	comp_dvt_dx	Num	8	What was the most definitive method used to diagnose the deep vein thrombosis (DVT)?
25	comp_shock	Num	8	Shock (use of vasopressors)
26	comp_bacteremia	Num	8	Bacteremia
27	comp_coagulopathy	Num	8	Coagulation disorder / disseminated intravascular coagulation
28	comp_bleeding	Num	8	Bleeding
29	comp_anemia	Num	8	Anemia
30	comp_panc	Num	8	Pancreatitis
31	comp_aki	Num	8	Acute renal injury/failure
32	comp_ali	Num	8	Liver dysfunction/failure

Data Set Name: summative_diagnostics.sas7bdat

Num	Variable	Type	Len	Label
1	BLUE_CORAL_ID	Char	7	Blue CORAL de-identified study ID number
2	dx_hosp_image_chest	Num	8	Did patient have chest X-ray or chest CT during the admission?
3	dx_hosp_image_cxr_cnt	Num	8	Total number of chest X-rays
4	dx_hosp_image_cxr_res	Num	8	Airspace opacities on chest X-ray
5	dx_hosp_image_cxr_eff	Num	8	Pleural effusion on chest X-ray
6	dx_hosp_image_ct_cnt	Num	8	Total number of chest CTs
7	dx_hosp_image_ct_res	Num	8	Airspace opacities on chest CT
8	dx_hosp_image_tte_cnt	Num	8	Total number of formal echocardiagrams (TEE or TTE) available for upload
9	dx_hosp_image_pocus_cnt	Num	8	Total number of informal/point-of-care ultrasounds with stored images available (includes echocardiagrams, lung ultrasound, and other informal point-of-care ultrasound)
10	dx_hosp_image_ecg_cnt	Num	8	Total number of electrocardiograms (ECGs) available for upload
11	dx_micro_covid_rpt	Num	8	Did patient have any repeat SARS-CoV-2 PCR tests after their first positive test and prior to hospital discharge?
12	dx_micro_covid_rpt_res	Num	8	What was the result of the final/last repeat SARS-CoV-2 PCR before hospital discharge?
13	dx_micro_influenza	Num	8	Influenza
14	dx_micro_influenza_type	Char	1	Influenza type
15	dx_micro_othercorona	Num	8	Non-COVID coronavirus
16	dx_micro_otherresp	Num	8	Other respiratory pathogens detected via molecular testing?
17	dx_micro_resp_other___1	Num	8	What respiratory pathogens were detected? True-positive bacterial pulmonary culture
18	dx_micro_resp_other___2	Num	8	What respiratory pathogens were detected? rue-positive fungal pulmonary culture
19	dx_micro_resp_other___3	Num	8	What respiratory pathogens were detected? Strep urine antigen
20	dx_micro_resp_other___4	Num	8	What respiratory pathogens were detected? Legionella urine antigen
21	dx_micro_resp_other___5	Num	8	What respiratory pathogens were detected? RSV
22	dx_micro_resp_other___6	Num	8	What respiratory pathogens were detected? Metapneumovirus
23	dx_micro_resp_other___7	Num	8	What respiratory pathogens were detected? Parainfluenza
24	dx_micro_resp_other___8	Num	8	What respiratory pathogens were detected? Adenovirus
25	dx_micro_resp_other___9	Num	8	What respiratory pathogens were detected? Rhinovirus
26	dx_micro_resp_other___10	Num	8	What respiratory pathogens were detected? Mycoplasma
27	dx_micro_resp_other___11	Num	8	What respiratory pathogens were detected? Chlamydia pneumoniae
28	dx_micro_resp_other___99	Num	8	What respiratory pathogens were detected? Other
29	dx_micro_resp_other____99	Num	8	What respiratory pathogens were detected? Missing
30	dx_micro_resp_cx_bact	Num	8	True positive bacterial pulmonary culture?
31	dx_micro_resp_cx_fungal	Num	8	True positive fungal pulmonary culture?
32	dx_micro_resp_spec	Char	223	Specify culture(s) or other result
33	dx_micro_hiv	Num	8	HIV test during admission
34	dx_micro_urine	Num	8	True positive urine culture?

Num	Variable	Type	Len	Label
35	dx_micro_blood	Num	8	True positive blood culture?
36	dx_micro_other	Num	8	Other true-positive culture?
37	dx_micro_cdiff	Num	8	C difficile assay positive

Data Set Name: summative_meds.sas7bdat

Num	Variable	Type	Len	Label
1	BLUE_CORAL_ID	Char	7	Blue CORAL de-identified study ID number
2	research_participation___0	Num	8	Was patient known to be enrolled in another research study besides BLUE CORAL? Observational study, no biospecimens
3	research_participation___1	Num	8	Was patient known to be enrolled in another research study besides BLUE CORAL? Observational study, including biospecimens
4	research_participation___2	Num	8	Was patient known to be enrolled in another research study besides BLUE CORAL? Interventional clinical trial
5	research_participation___3	Num	8	Was patient known to be enrolled in another research study besides BLUE CORAL? Missing
6	meds_hosp_tot_exp	Num	8	Was a medication given as part of a research trial?
7	meds_hosp_tot_exp_blind	Num	8	Was patient's treatment assignment blinded?
8	meds_hosp_tot_exp_specb	Char	57	For blinded studies, list the treatment assignment possibilities/options.
9	meds_hosp_tot_exp_specu	Char	41	For unblinded/open-label studies, list the treatment assignment patient received.
10	meds_hosp_tot_hcq	Num	8	Hydroxychloroquine (plaquenil)
11	meds_hosp_tot_remdesivir	Num	8	Remdesivir
12	meds_hosp_tot_toci	Num	8	Tocilizumab (Actemra)
13	meds_hosp_tot_other___0	Num	8	Other medication(s) relevant for targeted COVID-19 treatment None
14	meds_hosp_tot_other___1	Num	8	Other medication(s) relevant for targeted COVID-19 treatment Chloroquine
15	meds_hosp_tot_other___2	Num	8	Other medication(s) relevant for targeted COVID-19 treatment Lopinavir/ritonavir (Kaletra)
16	meds_hosp_tot_other___3	Num	8	Other medication(s) relevant for targeted COVID-19 treatment Other HIV protease inhibitor
17	meds_hosp_tot_other___4	Num	8	Other medication(s) relevant for targeted COVID-19 treatment Interferon alpha
18	meds_hosp_tot_other___5	Num	8	Other medication(s) relevant for targeted COVID-19 treatment Interferon beta
19	meds_hosp_tot_other___6	Num	8	Other medication(s) relevant for targeted COVID-19 treatment Ribavirin
20	meds_hosp_tot_other___7	Num	8	Other medication(s) relevant for targeted COVID-19 treatment Oseltamivir (Tamiflu)
21	meds_hosp_tot_other___8	Num	8	Other medication(s) relevant for targeted COVID-19 treatment Baloxavir
22	meds_hosp_tot_other___9	Num	8	Other medication(s) relevant for targeted COVID-19 treatment Sarulimab (Kevzara
23	meds_hosp_tot_other___10	Num	8	Other medication(s) relevant for targeted COVID-19 treatment Anakinra (Kinaret)
24	meds_hosp_tot_other___13	Num	8	Other medication(s) relevant for targeted COVID-19 treatment Baricitinib (Olumiant)
25	meds_hosp_tot_other___11	Num	8	Other medication(s) relevant for targeted COVID-19 treatment IV vitamin C
26	meds_hosp_tot_other___12	Num	8	Other medication(s) relevant for targeted COVID-19 treatment Transfusion of convalescent plasma
27	meds_hosp_tot_other___14	Num	8	Other medication(s) relevant for targeted COVID-19 treatment Ivermectin
28	meds_hosp_tot_other___99	Num	8	Other medication(s) relevant for targeted COVID-19 treatment Other
29	meds_hosp_tot_other____99	Num	8	Other medication(s) relevant for targeted COVID-19 treatment Missing
30	meds_hosp_tot_other_oth	Char	53	List other medication(s) given to treat acute illness
31	meds_hosp_tot_cs_yn	Num	8	Any steroids (oral, IV, or inhaled)
32	meds_hosp_tot_cs_iv	Num	8	IV steroids

Num	Variable	Type	Len	Label
33	meds_hosp_tot_cs_po	Num	8	Oral/enteric steroids
34	meds_hosp_tot_cs_inh	Num	8	Inhaled steroids
35	meds_hosp_tot_cs_type___1	Num	8	Specific systemic steroids administered Dexamethasone (Decadron)
36	meds_hosp_tot_cs_type___2	Num	8	Specific systemic steroids administered Methylprednisolone (Solumedrol, Medrol)
37	meds_hosp_tot_cs_type___3	Num	8	Specific systemic steroids administered Hydrocortisone
38	meds_hosp_tot_cs_type___4	Num	8	Specific systemic steroids administered Predisone
39	meds_hosp_tot_cs_type___5	Num	8	Specific systemic steroids administered Prednisolone
40	meds_hosp_tot_cs_type___9	Num	8	Specific systemic steroids administered Other
41	meds_hosp_tot_cs_type___99	Num	8	Specific systemic steroids administered Dexamethasone Missing
42	meds_hosp_tot_azithro	Num	8	Azithromycin
43	meds_hosp_tot_otherabx	Num	8	Antibiotics other than azithromycin
44	meds_hosp_tot_vteppx	Num	8	Prophylactic anticoagulation
45	meds_hosp_tot_anticoag	Num	8	Therapeutic anticoagulation
46	meds_hosp_tot_lytic	Num	8	Fibrinolytic ("lytic") therapy
47	meds_hosp_tot_nsaid	Num	8	NSAIDs (non-steroidal anti-inflammatory drugs)
48	meds_hosp_tot_acei	Num	8	ACE inhibitors
49	meds_hosp_tot_arb	Num	8	Angiotensin receptor blockers (ARBs)

Data Set Name: summative_outcomes.sas7bdat

Num	Variable	Type	Len	Label
1	BLUE_CORAL_ID	Char	7	Blue CORAL de-identified study ID number
2	DER_DISCH_DAY	Num	8	Hospital discharge/death day
3	DER_DISCH_TIME	Num	8	Hospital discharge/death time
4	DER_HOSP_LOS	Num	8	Hospital length of stay (study day 1 to hospital discharge) in calendar days
5	dispo	Num	8	Hospital disposition at discharge
6	dispo_other	Char	19	"Other" hospital discharge
7	dispo_late_death_yn	Num	8	Is patient known to have died after hospital discharge?
8	DER_DISPO_DEATH_DAY	Num	8	Days from entry to death
9	dispo_death_cause2___1	Num	8	Cause of death Primary respiratory failure
10	dispo_death_cause2___2	Num	8	Cause of death Cardiogenic shock
11	dispo_death_cause2___3	Num	8	Cause of death Septic shock
12	dispo_death_cause2___4	Num	8	Cause of death Arrhythmia
13	dispo_death_cause2___5	Num	8	Cause of death Multiorgan failure
14	dispo_death_cause2___8	Num	8	Cause of death Other
15	dispo_death_autopsy	Num	8	Was an autopsy performed?
16	dispo_txlimit_yn	Num	8	Were there any limitations of life-sustaining therapy or care intensity prior to death or discharge?
17	dispo_txlimit_icu___0	Num	8	Limitation on ICU transfer? Reason(s)? No limitations
18	dispo_txlimit_icu___1	Num	8	Limitation on ICU transfer? Reason(s)? Limitation due to patient goals/preferences, with or without documented goals of care discussions or presence of advance care planning
19	dispo_txlimit_icu___2	Num	8	Limitation on ICU transfer? Reason(s)? Limitation due to hospital policy
20	dispo_txlimit_icu___8	Num	8	Limitation on ICU transfer? Reason(s)? Limitation for other reason
21	dispo_txlimit_cmo_yn	Num	8	Was patient placed on "comfort-focused care" or made "comfort measures only" prior to death?
22	DER_DISPO_TXLIMIT_CMO_DAY	Num	8	Day patient was placed on "comfort-focused care" or made "comfort measures only" (from study day 1)
23	dispo_txlimit_cpr___0	Num	8	Limitation on CPR (e.g. DNR)? Reason(s)? No limitations
24	dispo_txlimit_cpr___1	Num	8	Limitation on CPR (e.g. DNR)? Reason(s)? Limitation due to patient goals/preferences, with or without documented goals of care discussions or presence of advance care planning
25	dispo_txlimit_cpr___2	Num	8	Limitation on CPR (e.g. DNR)? Reason(s)? Limitation due to hospital policy
26	dispo_txlimit_cpr___8	Num	8	Limitation on CPR (e.g. DNR)? Reason(s)? Limitation for other reason
27	dispo_txlimit_cpr___9	Num	8	Limitation on CPR (e.g. DNR)? Reason(s)? Limitation, reason unknown
28	dispo_txlimit_cpr___99	Num	8	Limitation on CPR (e.g. DNR)? Reason(s)? Missing
29	dispo_txlimit_vent___0	Num	8	Limitation on intubation (e.g. DNI)? Reason(s)? No limitations
30	dispo_txlimit_vent___1	Num	8	Limitation on intubation (e.g. DNI)? Reason(s)? Limitation due to patient goals/preferences, with or without documented goals of care discussions or presence of advance care planning

Num	Variable	Type	Len	Label
31	dispo_txlimit_vent___2	Num	8	Limitation on intubation (e.g. DNI)? Reason(s)? Limitation due to hospital policy
32	dispo_txlimit_vent___8	Num	8	Limitation on intubation (e.g. DNI)? Reason(s)? Limitation for other reason
33	dispo_txlimit_vent___9	Num	8	Limitation on intubation (e.g. DNI)? Reason(s)? Limitation, reason unknown
34	dispo_txlimit_vent___99	Num	8	Limitation on intubation (e.g. DNI)? Reason(s)? Missing
35	dispo_txlimit_pressors___0	Num	8	Limitation on vasopressors? Reason(s)? No limitations
36	dispo_txlimit_pressors___1	Num	8	Limitation on vasopressors? Reason(s)? Limitation due to patient goals/preferences, with or without documented goals of care discussions or presence of advance care planning
37	dispo_txlimit_pressors___2	Num	8	Limitation on vasopressors? Reason(s)? Limitation due to hospital policy
38	dispo_txlimit_pressors___8	Num	8	Limitation on vasopressors? Reason(s)? Limitation for other reason
39	dispo_txlimit_pressors___9	Num	8	Limitation on vasopressors? Reason(s)? Limitation, reason unknown
40	dispo_txlimit_pressors___99	Num	8	Limitation on vasopressors? Reason(s)? Missing
41	dispo_txlimit_rrt___0	Num	8	Limitation on dialysis? Reason(s)? No limitations
42	dispo_txlimit_rrt___1	Num	8	Limitation on dialysis? Reason(s)? Limitation due to patient goals/preferences, with or without documented goals of care discussions or presence of advance care planning
43	dispo_txlimit_rrt___2	Num	8	Limitation on dialysis? Reason(s)? Limitation due to hospital policy
44	dispo_txlimit_rrt___8	Num	8	Limitation on dialysis? Reason(s)? Limitation for other reason
45	dispo_txlimit_rrt___9	Num	8	Limitation on dialysis? Reason(s)? Limitation, reason unknown
46	dispo_txlimit_rrt___99	Num	8	Limitation on dialysis? Reason(s)? Missing
47	dispo_function	Num	8	How does ability to self-care at discharge compare versus before illness?
48	dispo_function_walk	Num	8	At discharge, patient able to walk independently (>50', use of gait aid permitted)?
49	dispo_function_adls	Num	8	At discharge, patient able to perform ADLs independently?
50	infect_pulm	Num	8	Did patient have a pulmonary infection?
51	infect_nonpulm_yn___0	Num	8	Did patient have a non-pulmonary infection? None
52	infect_nonpulm_yn___2	Num	8	Did patient have a non-pulmonary infection? Urinary tract
53	infect_nonpulm_yn___3	Num	8	Did patient have a non-pulmonary infection? Intraabdominal, gastrointestinal, biliary
54	infect_nonpulm_yn___4	Num	8	Did patient have a non-pulmonary infection? CNS/meningitis
55	infect_nonpulm_yn___5	Num	8	Did patient have a non-pulmonary infection? Skin and soft tissue
56	infect_nonpulm_yn___6	Num	8	Did patient have a non-pulmonary infection? Primary bloodstream/endocarditis
57	infect_nonpulm_yn___7	Num	8	Did patient have a non-pulmonary infection? Osteoarticular (bones & joints, discitis)
58	infect_nonpulm_yn___8	Num	8	Did patient have a non-pulmonary infection? Other specific non-pulmonary source
59	infect_nonpulm_yn___9	Num	8	Did patient have a non-pulmonary infection? Multiple non-pulmonary sources
60	infect_nonpulm_yn___10	Num	8	Did patient have a non-pulmonary infection? Non-pulmonary infection, source unclear
61	infect_nonpulm_yn___99	Num	8	Did patient have a non-pulmonary infection? Missing

Num	Variable	Type	Len	Label
62	dispo_oxygen	Num	8	Discharged on new or increased nasal cannula, face mask, or high-flow oxygen therapy?
63	dispo_oxygen_level	Num	8	Level of new oxygen support
64	dispo_nippv	Num	8	Discharged on new or increased non-invasive positive pressure ventilation (NIPPV/BiPAP/CPAP) for ongoing respiratory support?
65	dispo_vent	Num	8	Discharged on new mechanical ventilation?
66	dispo_trach	Num	8	Discharged with a new tracheotomy?
67	dispo_trach_level	Num	8	Level of support via tracheostomy
68	dispo_dialysis	Num	8	Discharged on new dialysis?

Data Set Name: summative_treatments.sas7bdat

Num	Variable	Type	Len	Label
1	BLUE_CORAL_ID	Char	7	Blue CORAL de-identified study ID number
2	tx_hosp_tot_icu	Num	8	Did patient spend any time in an ICU or ICU step-down/intermediate care unit during this admission?
3	tx_hosp_tot_icu_cnt	Num	8	Number of times patient admitted to ICU during encounter
4	tx_hosp_tot_icu_end	Num	8	Was patient in ICU at time of hospital death or discharge?
5	DER_ICU_DAY_ADMIT1	Num	8	Day of first ICU admission (from study day 1)
6	DER_ICU_DAY_DC1	Num	8	Day of first ICU discharge (from study day 1)
7	DER_ICU_DAY_ADMIT2	Num	8	Day of second ICU admission (from study day 1)
8	DER_ICU_DAY_DC2	Num	8	Day of second ICU discharge (from study day 1)
9	DER_ICU_DAY_ADMIT3	Num	8	Day of third ICU admission (from study day 1)
10	DER_ICU_DAY_DC3	Num	8	Day of third ICU discharge (from study day 1)
11	DER_ICU_DAY_ADMIT4	Num	8	Day of fourth ICU admission (from study day 1)
12	DER_ICU_DAY_DC4	Num	8	Day of fourth ICU discharge (from study day 1)
13	DER_ICU_LOS	Num	8	ICU length of stay (all ICU admissions) in calendar days
14	tx_hosp_tot_vent	Num	8	Invasive ventilation
15	tx_hosp_tot_vent_cnt	Num	8	Number of episodes of mechanical ventilation during encounter
16	tx_hosp_tot_vent_end	Num	8	Was patient on invasive mechanical ventilation at time of hospital death or discharge?
17	DER_TX_HOSP_INTUB1_DAY	Num	8	Day of first intubation (from study day 1)
18	DER_TX_HOSP_EXTUB1_DAY	Num	8	Day of first extubation (from study day 1)
19	DER_TX_HOSP_INTUB2_DAY	Num	8	Day of second intubation (from study day 1)
20	DER_TX_HOSP_EXTUB2_DAY	Num	8	Day of second extubation (from study day 1)
21	DER_TX_HOSP_INTUB3_DAY	Num	8	Day of third intubation (from study day 1)
22	DER_TX_HOSP_EXTUB3_DAY	Num	8	Day of third extubation (from study day 1)
23	DER_DURATION_MV	Num	8	Duration of mechanical ventilation; number of calendar days mechanically ventilated during hospitalization
24	tx_hosp_tot_nippv	Num	8	Non-invasive ventilation (e.g. BiPAP, CPAP)
25	tx_hosp_tot_o2therapy	Num	8	Nasal cannula, face mask, or HFNC oxygen therapy
26	tx_hosp_tot_o2flow	Num	8	Maximum O2 flow via NC, face mask, or HFNC
27	tx_hosp_tot_o2mode___1	Num	8	Methods used to provide oxygen support Nasal cannula
28	tx_hosp_tot_o2mode___3	Num	8	Methods used to provide oxygen support Simple mask
29	tx_hosp_tot_o2mode___4	Num	8	Methods used to provide oxygen support Mask with reservoir/NRB
30	tx_hosp_tot_o2mode___2	Num	8	Methods used to provide oxygen support HFNC
31	tx_hosp_tot_max_o2flow	Num	8	Maximum O2 flow during hospitalization
32	tx_hosp_tot_max_fio2	Num	8	Maximum FiO2 during hospitalization
33	tx_hosp_tot_max_fio2_calc	Num	8	Calculated maximum FiO2 during hospitalization
34	tx_hosp_tot_pressor	Num	8	Vasopressors/inotropes

Num	Variable	Type	Len	Label
35	DER_TX_HOSP_TOT_PRES_ON_DAY	Num	8	First day patient ever received continuous vasopressor (from study day 1)
36	DER_TX_HOSP_TOT_PRES_OFF_DAY	Num	8	Last day patient ever received continuous vasopressor (from study day 1)
37	tx_hosp_tot_ecmo	Num	8	ECMO
38	DER_TX_HOSP_TOT_ECMO_ON_DAY	Num	8	First day patient ever received ECMO at study hospital (from study day 1)
39	DER_TX_HOSP_TOT_ECMO_OFF_DAY	Num	8	Last day patient ever received continuous vasopressor (from study day 1)
40	tx_hosp_tot_prone	Num	8	Prone positioning
41	tx_hosp_tot_ino	Num	8	Treated with inhaled pulmonary vasodilators (nitric oxide [iNO] or epoprostenol [Flolan])
42	tx_hosp_tot_nmb	Num	8	Therapeutic neuromuscular blockade / therapeutic paralysis
43	tx_hosp_tot_dialysis	Num	8	Renal replacement therapy / dialysis
44	tx_hosp_tot_crrt	Num	8	Received continuous renal replacement therapy at any point during this admission
45	DER_TX_HOSP_TOT_RRT_ON_DAY	Num	8	First day patient received renal replacement therapy (from study day 1)
46	DER_TX_HOSP_TOT_RRT_OFF_DAY	Num	8	Last day patient received renal replacement therapy (from study day 1)
47	DER_MAX_RESP_STATE	Char	10	Highest ventilation/oxygenation mode during hospital admission based on summative treatment data
48	DER_MAX_WHO_COVID_STATE	Char	64	WHO COVID-19 maximum ordinal outcomes state based on summative outcome and summative treatment data
49	DER_MAX_WHO_COVID_SCALE	Num	8	WHO COVID-19 maximum ordinal outcomes scale based on summative outcome and summative treatment data