Provider Organizational Data Dictionary Codebook
9/28/17
Created by: Eleanor Cotton
For datasets: Simulation_Dataset_Cleaned.csv
LowIntensityAMC_A_Cleaned.csv
HighIntensityAMC_B_Cleaned.csv
Updated 11/17/2017 by Alexandra Tillman

Dataset = Simulation_Dataset_Cleaned.csv		
Variable/Field name	**Data Type/Name expanded**	**Descriptions**
study_id	factor Subject identifier *Assigned by study*	Possible values: 2 or 4 digit values
study	factor Study	Possible values: "A", "Pilot", "Race", "B"
invalid	factor Subject is *not* eligible to be included in the analysis	Possible values: "0", "1"
age	numeric Age of subject	Possible Values: Min.:29.00 Mean :40.21 Max :70.00
male	factor Subject was male	Possible Values: 1 (yes) 0 (no)
female	factor Subject was female	Possible Values: 1 (yes) 0 (no)
ethnicity_nonhisp	factor Subject was not Hispanic	Possible Values: 1 (yes) 0 (no)
ethnicity_hisp	factor Subject was Hispanic	Possible Values: 1 (yes) 0 (no)
race_ind_alask	factor Subject was an indigenous Alaskan	Possible Values: 1 (yes) 0 (no)
race_haw_pac	factor Subject was Native Hawaiian or Other Pacific Islander	Possible Values: 1 (yes) 0 (no)
race_aa	factor Subject was African American	Possible Values: 1 (yes) 0 (no)

Variable/Field name	Data Type/Name expanded	Descriptions
race_asian	factor Subject was Asian	Possible Values: 1 (yes) 0 (no)
race_decline	factor Subject declined to answer questions about his/her race	Possible Values: 1 (yes) 0 (no)
grad_year	factor Year the subject graduated from medical school	Possible Values: 1967 to 2006
years_since_grad	numeric The number of years that have elapsed since the subject graduated from medical school.	Possible Values: Min. : 3.00 Mean:13.41 Max. :42.00
primary_other	factor The subjects primary board certification is something other than emergency, internal or critical medicine	Possible Values: 1 (yes) 0 (no)
primary_internal	factor The subjects primary board certification is internal medicine	Possible Values: 1 (yes) 0 (no)
primary_emer	factor The subjects primary board certification is emergency medicine	Possible Values: 1 (yes) 0 (no)
primary_critical	factor The subjects primary board certification is critical medicine	Possible Values: 1 (yes) 0 (no)
primary_family	factor The subjects primary board certification is family medicine	Possible Values: 1 (yes) 0 (no)
primary_anesthesia	factor The subjects primary board certification is anesthesiology	Possible Values: 1 (yes) 0 (no)

Variable/Field name	Data Type/Name expanded	Descriptions
secondary_emer	factor The subjects secondary board certification is emergency medicine	Possible Values: 1 (yes) 0 (no)
secondary_pulm	factor The subjects secondary board certification is pulmonary medicine	Possible Values: 1 (yes) 0 (no)
secondary_crit	factor The subjects secondary board certification is critical care medicine	Possible Values: 1 (yes) 0 (no)
secondary_none	factor The subject does not have a secondary board certification	Possible Values: 1 (yes) 0 (no)
secondary_other	factor The subjects secondary board certification is something other than emergency, pulmonary or critical care medicine	Possible Values: 1 (yes) 0 (no)
role_emer	factor Subjects primary clinical role is described as emergency	Possible Values: 1 (yes) 0 (no)
role_hosp	factor Subjects primary clinical role is described as hospitalist	Possible Values: 1 (yes) 0 (no)
role_intens	factor Subjects primary clinical role is described as intensivist	Possible Values: 1 (yes) 0 (no)

Variable/Field name	Data Type/Name expanded	Descriptions
months_hospital	numeric Approximately how many months of the year subject provides patient care	Possible Values: Min. : 1.000 Mean : 7.396 Max. :12.000
institution_years	numeric The number of years that the subject has worked at institution.	Possible Values: Min. : 1.000 Mean : 8.179 Max. :37.000
_3months	factor What is the patient's Likelihood of surviving beyond the next 3 months?	Possible Values: "0-9%", "10-19%", "20-29%", "30-39%", "40-49%", "50-59%", "90-100%"
_3months_num	numeric What is the patient's likelihood of surviving beyond the next 3 months?	Possible Values: Min. : 4.500 Mean : 9.166 Max. :95.000
icu_nolimit_3M	factor What is the patient's likelihood of surviving the next 3 months if he is admitted to the ICU with no treatment limitation?	Possible Values: "0-9%", "10-19%", "20-29%", "30-39%", "40-49%", "50-59%", "70-79%", "80-89%", "refused"
icu_dnr_dni_3M	factor What is the patient's likelihood of surviving the next 3 months if he is admitted to the ICU with a "do not attempt resuscitation (DNR)"/ "do not intubate (DNI)" order?	Possible Values: "0-9%", "10-19%", "20-29%", "30-39%", "refused"
no_icu_3M	factor What is the patient's likelihood of surviving the next 3 months if he is not admitted to the ICU?	Possible Values: "0-9%", "10-19%", "refused"

Variable/Field name	Data Type/Name expanded	Descriptions
icu_nolimit_3M_num	numeric What is the patient's likelihood of surviving the next 3 months if he is admitted to the ICU with no treatment limitation?	Possible Values: Min. : 4.50 Mean :15.52 Max. :84.50
icu_dnr_dni_3M_num	numeric What is the patient's likelihood of surviving the next 3 months if he is admitted to the ICU with a "do not attempt resuscitation (DNR)"/ "do not intubate (DNI)" order?	Possible Values: Min. : 4.500 Mean : 7.357 Max. :34.500
no_icu_3M_num	numeric What is the patient's likelihood of surviving the next 3 months if he is not admitted to the ICU?	Possible Values: Min. : 4.500 Mean : 5.316 Max. :14.500
icu_nolimit	factor What is the patient's likelihood of surviving the current hospitalization if he is admitted to the ICU with no treatment limitation?	Possible Values: "0-9%", "10-19%", "20-29%", "30-39%", "40-49%", "50-59%", "60-69%", "70-79%", "80-89%", "refused"
icu_nolimit_num	numeric What is the patient's likelihood of surviving the current hospitalization if he is admitted to the ICU with no treatment limitation?	Possible Values: Min. : 4.50 Mean :20.38 Max. :84.50

Variable/Field name	Data Type/Name expanded	Descriptions
icu_dnr_dni	factor What is the patient's likelihood of surviving the current hospitalization if he is admitted to the ICU with a "do not attempt resuscitation (DNR)"/ "do not intubate (DNI)" order?	Possible Values: "0-9%", "10-19%", "20-29%", "30-39%", "40-49%", "50-59%", "80-89%", "refused"
icu_dnr_dni_num	numeric What is the patient's likelihood of surviving the current hospitalization if he is admitted to the ICU with a "do not attempt resuscitation (DNR)"/ "do not intubate (DNI)" order?	Possible Values: Min. : 4.50 Mean :11.36 Max. :84.50
no_icu	factor What is the patient's likelihood of surviving the current hospitalization if he is not admitted to the ICU?	Possible Values: "0-9%", "10-19%", "20-29%", "50-59%", "80-89%", "refused"
no_icu_num	numeric What is the patient's likelihood of surviving the current hospitalization if he is not admitted to the ICU?	Possible Values: Min. : 4.500 Mean : 8.054 Max. :84.500
treat_prefs	factor Based upon your conversation with the patient, which statement best describes his treatment preferences?	Possible values: 0 (A plan of care that focused on relieving pain and discomfort as much as possible, even if it meant not living as long) 1 (A course of treatment that focused on extending his life as much as possible, even if it meant more pain and discomfort)

Variable/Field name	Data Type/Name expanded	Descriptions
which_tx_htn	factor Subject chooses which drug they would administer to a patient with hypertension.	Possible Values: 0 (drug A): results in a life expectancy that is 5 years longer than the average hypertensive patient. 1 (drug B): results in a 50% chance of extending life expectancy by 10 years compared to the average hypertensive patient, and a 50% chance of not extending life expectancy beyond the average hypertensive patient
which_tx_failure	factor Subject chooses which drug they would administer to a patient with heart failure.	Possible Values: 0 (drug A): results in a life expectancy 5 years less than that of an average person without heart failure 1 (drug B): results in a 50% chance of living as long as an average person without heart failure and a 50% chance of reducing life expectancy by 10 years compared to the average person without heart failure.
enjoy_risks	factor I enjoy taking risks.	Possible Values: 1 (strongly agree) 2 (agree) 3 (somewhat agree) 4 (somewhat disagree) 5 (disagree) 6 (strongly disagree)
avoid_uncert	factor I try to avoid situations that have uncertain outcomes.	Possible Values: 1 (strongly agree) 2 (agree) 3 (somewhat agree) 4 (somewhat disagree) 5 (disagree) 6 (strongly disagree)
gains_high	factor Taking risks does not bother me if the gains involved are high.	Possible Values: 1 (strongly agree) 2 (agree) 3 (somewhat agree) 4 (somewhat disagree) 5 (disagree) 6 (strongly disagree)
secur_impt	factor I consider security an important element in every aspect of my life.	Possible Values: 1 (strongly agree) 2 (agree) 3 (somewhat agree) 4 (somewhat disagree) 5 (disagree) 6 (strongly disagree)
enjoy_chances	factor People have told me that I seem to enjoy taking chances.	Possible Values: 1 (strongly agree) 2 (agree) 3 (somewhat agree) 4 (somewhat disagree) 5 (disagree) 6 (strongly disagree)

Variable/Field name	Data Type/Name expanded	Descriptions
rarely_risks	factor I rarely, if ever, take risks, when there is another alternative.	Possible Values: 1 (strongly agree) 2 (agree) 3 (somewhat agree) 4 (somewhat disagree) 5 (disagree) 6 (strongly disagree)
unable_train_thought	factor It really disturbs me when I am unable to follow another person's train of thought.	Possible Values: 1 (strongly agree) 2 (agree) 3 (somewhat agree) 4 (somewhat disagree) 5 (disagree) 6 (strongly disagree)
uncertain_respons	factor If I am uncertain about the responsibilities involved in a particular risk, I get very anxious.	Possible Values: 1 (strongly agree) 2 (agree) 3 (somewhat agree) 4 (somewhat disagree) 5 (disagree) 6 (strongly disagree)
how_long	factor Before any important task, I must know how long it will take.	Possible Values: 1 (strongly agree) 2 (agree) 3 (somewhat agree) 4 (somewhat disagree) 5 (disagree) 6 (strongly disagree)
unambiguous	factor I don't like to work on a problem unless there is a possibility of getting a clear-cut and unambiguous answer.	Possible Values: 1 (strongly agree) 2 (agree) 3 (somewhat agree) 4 (somewhat disagree) 5 (disagree) 6 (strongly disagree)
jigsaw	factor The best part of working on a jigsaw puzzle is putting in the last piece.	Possible Values: 1 (strongly agree) 2 (agree) 3 (somewhat agree) 4 (somewhat disagree) 5 (disagree) 6 (strongly disagree)
understand_behavior	factor I am often uncomfortable with people unless I can understand there behavior.	Possible Values: 1 (strongly agree) 2 (agree) 3 (somewhat agree) 4 (somewhat disagree) 5 (disagree) 6 (strongly disagree)

Variable/Field name	Data Type/Name expanded	Descriptions
what_how_clear	factor A good task is one in which what is to be done and how it is to be done are always clear.	Possible Values: 1 (strongly agree) 2 (agree) 3 (somewhat agree) 4 (somewhat disagree) 5 (disagree) 6 (strongly disagree)
adu_not_sure_diagnosis	factor I usually feel anxious when I am not sure of a diagnosis.	Possible Values: 1 (strongly agree) 2 (agree) 3 (somewhat agree) 4 (somewhat disagree) 5 (disagree) 6 (strongly disagree)
adu_uncertainty_disconcerting	factor I find the uncertainty involved in patient care disconcerting.	Possible Values: 1 (strongly agree) 2 (agree) 3 (somewhat agree) 4 (somewhat disagree) 5 (disagree) 6 (strongly disagree)
adu_uncertainty_uneasy	factor Uncertainty in patient care makes me uneasy.	Possible Values: 1 (strongly agree) 2 (agree) 3 (somewhat agree) 4 (somewhat disagree) 5 (disagree) 6 (strongly disagree)
adu_uncertainty_troubles	factor The uncertainty of patient care often troubles me.	Possible Values: 1 (strongly agree) 2 (agree) 3 (somewhat agree) 4 (somewhat disagree) 5 (disagree) 6 (strongly disagree)
adu_comf_uncertainty	factor Uncertainty in patient care makes me uneasy.	Possible Values: 1 (strongly agree) 2 (agree) 3 (somewhat agree) 4 (somewhat disagree) 5 (disagree) 6 (strongly disagree)
adu_score	numeric Sum score of ADU items	Possible Values: Min. : 5.00 Mean :14.59 Max. :26.00
cbo_uncertain_imagine	factor When I am uncertain of a diagnosis, I imagine all sorts of bad scenarios: patient dies, sues etc.	Possible Values: 1 (strongly agree) 2 (agree) 3 (somewhat agree) 4 (somewhat disagree) 5 (disagree) 6 (strongly disagree)

Variable/Field name	Data Type/Name expanded	Descriptions
cbo_fear_accountable	factor I fear being held accountable for the limits of my knowledge	Possible Values: 1 (strongly agree) 2 (agree) 3 (somewhat agree) 4 (somewhat disagree) 5 (disagree) 6 (strongly disagree)
cbo_worry_malprac	factor I worry about malpractice when I do not know a patient's diagnosis.	Possible Values: 1 (strongly agree) 2 (agree) 3 (somewhat agree) 4 (somewhat disagree) 5 (disagree) 6 (strongly disagree)
cbo_score	numeric Sum score of CBO items	Possible Values: Min. : 3.00 Mean :10.57 Max. :18.00
rdp_lose_conf	factor If I shared all of my uncertainties with my patients, they would lose confidence in me.	Possible Values: 1 (strongly agree) 2 (agree) 3 (somewhat agree) 4 (somewhat disagree) 5 (disagree) 6 (strongly disagree)
rdp_patients_not_know	factor I prefer patients not to know when I am unsure of what treatments to use.	Possible Values: 1 (strongly agree) 2 (agree) 3 (somewhat agree) 4 (somewhat disagree) 5 (disagree) 6 (strongly disagree)
rdp_uncert_share	factor When physicians are uncertain of diagnosis they should share	Possible Values: 1 (strongly agree) 2 (agree) 3 (somewhat agree) 4 (somewhat disagree) 5 (disagree) 6 (strongly disagree)
rdp_always_share	factor I always share my uncertainty with patients.	Possible Values: 1 (strongly agree) 2 (agree) 3 (somewhat agree) 4 (somewhat disagree) 5 (disagree) 6 (strongly disagree)
rdp_share_uncert	factor Sharing my uncertainty improves my relationship with my patients.	Possible Values: 1 (strongly agree) 2 (agree) 3 (somewhat agree) 4 (somewhat disagree) 5 (disagree) 6 (strongly disagree)

Variable/Field name	Data Type/Name expanded	Descriptions
rdp_score	numeric Sum score of RDP items	Possible Values: Min. : 5.00 Mean :13.69 Max. :20.00
rdd_never_tell_diagnoses	factor I almost never tell other physicians about diagnoses I have missed.	Possible Values: 1 (strongly agree) 2 (agree) 3 (somewhat agree) 4 (somewhat disagree) 5 (disagree) 6 (strongly disagree)
rdd_never_tell_mistakes	factor I never tell other physicians about patient care mistakes that I have made.	Possible Values: 1 (strongly agree) 2 (agree) 3 (somewhat agree) 4 (somewhat disagree) 5 (disagree) 6 (strongly disagree)
rdd_score	numeric Sum score of RDD items	Possible Values: Min. : 2.00 Mean : 8.00 Max. :12.00
justify_physicians	factor I usually feel the need to justify my decisions to admit or not to admit patients to the ICU to my physician colleagues.	Possible Values: 1 (strongly agree) 2 (agree) 3 (somewhat agree) 4 (somewhat disagree) 5 (disagree) 6 (strongly disagree)
justify_nurses	factor I usually feel the need to justify my decisions to admit or not to admit patients to the ICU nurses.	Possible Values: 1 (strongly agree) 2 (agree) 3 (somewhat agree) 4 (somewhat disagree) 5 (disagree) 6 (strongly disagree)
justify_chart	factor I usually feel the need to justify my decisions to admit or not to admit patients to the ICU in the chart in order to avoid malpractice liability.	Possible Values: 1 (strongly agree) 2 (agree) 3 (somewhat agree) 4 (somewhat disagree) 5 (disagree) 6 (strongly disagree)
justify_score	numeric Sum score of justify items	Possible Values: Min. : 3.00 Mean :11.83 Max. :18.00

Variable/Field name	Data Type/Name expanded	Descriptions
which_regret_more	factor Which of the two scenarios would you be more likely to regret?	Possible Values: 0 (Scenario A): Subject admits a patient to the ICU and later find the patient needed no intensive therapy 1 (Scenario B): Subject does not admit a patient to the ICU and later find out they needed intensive therapy 2 (A and B equal)
order_scenario_1	factor Order the following three scenarios from the one that you would regret the most (top) to the one that you would regret the least (bottom).	Possible Values: 0 (Scenario A): subject resuscitates a terminally ill patient from cardiorespiratory arrest, but later finds out he never wanted to be resuscitated – he dies after withdrawal of treatment in the ICU 1 (Scenario B): subject resuscitates a terminally ill patient from cardiorespiratory arrest but later finds out he never wanted to be resuscitated – he survives to be discharged to a skilled nursing facility with a tracheostomy and gastrostomy 2 (Scenario C): subject does not resuscitate a terminally ill patient from cardiorespiratory arrest and he dies, later subject finds out he would have wanted CPR
order_scenario_2	factor Order the following three scenarios from the one that you would regret the most (top) to the one that you would regret the least (bottom).	Possible Values: 0 (Scenario A): subject resuscitates a terminally ill patient from cardiorespiratory arrest, but later finds out he never wanted to be resuscitated – he dies after withdrawal of treatment in the ICU 1 (Scenario B): subject resuscitates a terminally ill patient from cardiorespiratory arrest but later finds out he never wanted to be resuscitated – he survives to be discharged to a skilled nursing facility with a tracheostomy and gastrostomy 2 (Scenario C): subject does not resuscitate a terminally ill patient from cardiorespiratory arrest and he dies, later subject finds out he would have wanted CPR
order_scenario_3	factor Order the following three scenarios from the one that you would regret the most (top) to the one that you would regret the least (bottom).	Possible Values: 0 (Scenario A): subject resuscitates a terminally ill patient from cardiorespiratory arrest, but later finds out he never wanted to be resuscitated – he dies after withdrawal of treatment in the ICU 1 (Scenario B): subject resuscitates a terminally ill patient from cardiorespiratory arrest but later finds out he never wanted to be resuscitated – he survives to be discharged to a skilled nursing facility with a tracheostomy and gastrostomy 2 (Scenario C): subject does not resuscitate a terminally ill patient from cardiorespiratory arrest and he dies, later subject finds out he would have wanted CPR
formal_training	factor Have you ever received any formal ”end of life” communication skills training, such as breaking bad news, discussing code status, or discussing withdrawal of life-sustaining treatment?	Possible Values: 1 (yes) 0 (no)

Variable/Field name	Data Type/Name expanded	Descriptions
training_format	factor If ”yes,” which best describes the format for the training:	Possible Values: 0 (Small-group interactive session with role-play) 1 (lecture) 2 (intensive skills-based training retreat with repeated role-play) 3 (answered no for formal_training)
read_barnato_etal	factor Prior to participating today, had the subject read the article by Dr. Barnato and colleagues in the December 2008 issue of Critical Care Medicine, "Using simulation to isolate physician variation in intensive care unit admission decision making for critically ill elders with end-stage cancer: A pilot feasibility study"?	Possible Values: 1 (yes) 0 (no)
know_study_about	factor Prior to participating today, did you know that the study was about end of life decision making (e.g., someone inadvertently tipped you off)?	Possible Values: 1 (yes) 0 (no)
suspect_study_about	factor Prior to participating today, did you suspect the study was about end of life decision making (e.g., you were aware of Dr. Barnato's research interests)?	Possible Values: 1 (yes) 0 (no)
case_num	factor Indicates whether this was the first or second case done	Possible Values: "1", "2"
first_case_Thom	factor Subject saw Mr. Thomas simulation first. *Assigned by study*	Possible Values: 1 (yes) 0 (no)

Variable/Field name	Data Type/Name expanded	Descriptions
first_case_Jenk	factor Subject saw Mr. Jenkins simulation first. *Assigned by study*	Possible Values: 1 (yes) 0 (no)
case	factor The family case *Assigned by study*	Possible Values: 1 (Thomas) 0 (Jenkins)
family_race	factor The family race *Assigned by study*	Possible Values: 1 (African American) 0 (White)
surrogate_actor	factor The actor playing the role of the patient *Assigned by study*	Possible Values: "0", "1", "2", "3"
patient_actor	factor The actor playing the role of the patient *Assigned by study*	Possible Values: "0", "1", "2", "3"
assessor	factor Who was assessing the simulation	Possible Values: "0", "1", "2", "3"
chart_time	numeric Time reading chart before simulation (in seconds)	Possible Values: Min. : 0.0 Mean :145.0 Max. :420.0

Variable/Field name	Data Type/Name expanded	Descriptions
white_chemo	numeric Patients with metastatic pancreatic cancer may have a choice between chemotherapy that might prolong life but would make them feel worse, versus palliative treatment that might shorten life but would decrease symptoms. What is your estimate of the proportion of white patients with metastatic pancreatic cancer who would prefer chemotherapy?	Possible Values: Min. :40.00 Mean :64.00 Max. :90.00
black_chemo	numeric Patients with metastatic pancreatic cancer may have a choice between chemotherapy that might prolong life but would make them feel worse, versus palliative treatment that might shorten life but would decrease symptoms. What is your estimate of the proportion of black patients with metastatic pancreatic cancer who would prefer chemotherapy?	Possible Values: Min. :30.00 Mean :67.19 Max. :90.00

Variable/Field name	Data Type/Name expanded	Descriptions
bw_prefer_chemo	numeric What is your general sense of the likelihood of preferring chemotherapy for metastatic pancreatic cancer among blacks compared to whites?	Possible Values: -7 (whites much more likely to prefer chemotherapy) -6 -5 -4 -3 -2 -1 0 (no difference) 1 2 3 4 5 6 7 (blacks are much more likely to prefer chemotherapy)
white_vent	numeric Patients with metastatic pancreatic cancer may have a choice between mechanical ventilation that would provide 1 weeks' life extension, versus not receiving mechanical ventilation. What is your estimate of the proportion of white patients with metastatic pancreatic cancer who would prefer ventilation for 1 week life extension?	Possible Values: Min. : 5.00 Mean : 34.35 Max. :100.00
black_vent	numeric Patients with metastatic pancreatic cancer may have a choice between mechanical ventilation that would provide 1 weeks' life extension, versus not receiving mechanical ventilation. What is your estimate of the proportion of black patients with metastatic pancreatic cancer who would prefer ventilation for 1 week life extension?	Possible Values: Min. : 5.00 Mean : 43.03 Max. :100.00

Variable/Field name	Data Type/Name expanded	Descriptions
bw_prefer_mv	numeric What is your general sense of the likelihood of preferring mechanical ventilation to provide 1 weeks' life extension for metastatic pancreatic cancer among blacks compared to whites?	Possible Values: -7 (whites much more likely to prefer mechanical ventilation) -6 -5 -4 -3 -2 -1 0 (no difference) 1 2 3 4 5 6 7 (blacks are much more likely to prefer mechanical ventilation)
white_dnr	numeric Patients with metastatic pancreatic cancer maybe have a choice between receiving CPR in the event of cardiorespiratory arrest or not, typically by having a do-not-resuscitate (DNR) order on the chart during hospitalization. What is your estimate of the proportion of white patients with metastatic pancreatic cancer who would prefer a DNR order on their chart during hospitalization?	Possible Values: Min. :10.00 Mean :60.32 Max. :90.00

Variable/Field name	Data Type/Name expanded	Descriptions
black_dnr	numeric Patients with metastatic pancreatic cancer maybe have a choice between receiving CPR in the event of cardiorespiratory arrest or not, typically by having a do-not-resuscitate (DNR) order on the chart during hospitalization. What is your estimate of the proportion of black patients with metastatic pancreatic cancer who would prefer a DNR order on their chart during hospitalization?	Possible Values: Min. :10.00 Mean :51.03 Max. :90.00
bw_prefer_dnr	numeric What is your general sense of the likelihood of preferring a DNR order on the chart during hospitalization for metastatic pancreatic cancer among blacks compared to whites?	Possible Values: -7 (whites much more likely to prefer a DNR order) -6 -5 -4 -3 -2 -1 0 (no difference) 1 2 3 4 5 6 7 (blacks are much more likely to prefer a DNR order)
hospital	factor Hospital Name	Possible Values: 1-42
upmcpresbyshadyside	factor Subject's primary hospital affiliation is UPMC	Possible Values: 1 (yes) 0 (no)
nonupmc	factor Subject's primary hospital affiliation is not UPMC	Possible Values: 1 (yes) 0 (no)

Variable/Field name	Data Type/Name expanded	Descriptions
majorteaching	factor	Possible Values: 1 (yes) 0 (no)
minorteaching	factor	Possible Values: 1 (yes) 0 (no)
bipap	factor The physician used a trial of non-invasive mechanical ventilation (e.g., BiPAP or CPAP) during the simulation. *Recorded live on a form during the simulation*	Possible Values: 1 (yes) 0 (no)
cmo_adj	factor The physician initiated comfort measures only *Adjudicated after reading note and chart orders*	Possible Values: 1 (yes) 0 (no)
consultpc_adj	factor The physician consulted palliative care *Adjudicated after reading the note and orders*	Possible Values: 1 (yes) 0 (no)
palliative_intent_adj	factor The physician's treatment plan suggests intent to palliate *Adjudicated after reading the orders and reviewing the form completed live*	Possible Values: 1 (yes) 0 (no)

Variable/Field name	Data Type/Name expanded	Descriptions
palliate_adj	factor The physician offered some pharmacologic treatment to palliate the patient's chief complaint (dyspnea for Jenkins, pain for Thomas) *Adjudicated after reading the orders and reviewing the form completed live*	Possible Values: 1 (yes) 0 (no)
opiate_adj	factor The physician administered an opiate during the simulation. *Adjudicated after reading the note and orders*	Possible Values: 1 (yes) 0 (no)
dnr_dni_adj	factor The physician documented the patient's intubation and/or cardiopulmonary resuscitation (CPR) treatment preferences (aka code status) *Adjudicated after reading note and orders and reviewing the form completed live*	Possible Values: 1 (yes) 0 (no)
elicited	factor The physician elicited the patient's intubation and/or cardiopulmonary resuscitation (CPR) treatment preferences *Recorded live on a form during the simulation*	Possible Values: 1 (yes) 0 (no)

Variable/Field name	Data Type/Name expanded	Descriptions
icu_adj	factor The physician admitted the patient to the ICU *Adjudicated after reading note and chart orders*	Possible Values: 1 (yes) 0 (no)
intubated_adj	factor The physician intubated the patient *Recorded live on a form during the simulation [checked against orders]*	Possible Values: 1 (yes) 0 (no)
dr_dir_dm	factor Subject took charge of decision making	Possible Values: 1 (yes) 0 (no)
shared_dm	factor Subject shared decision making with the patient and family	Possible Values: 1 (yes) 0 (no)
diagnostician	factor The physician's agenda was being a diagnostician	Possible Values: 1 (yes) 0 (no)
life_prolong	factor The physician's agenda was life prolongation	Possible Values: 1 (yes) 0 (no)
palliation	factor The physician's agenda was palliation	Possible Values: 1 (yes) 0 (no)
adaptor	factor The physician's agenda was as an adaptor	Possible Values: 1 (yes) 0 (no)
none	factor Physician did not do any of the above things for the patient	Possible Values: 1 (yes) 0 (no)

Variable/Field name	Data Type/Name expanded	Descriptions
intensity	numeric A 7-point scale indicating the degree of treatment intensity	Possible Values: Min. :1.000 Mean :3.007 Max. :7.000
intensity3	numeric A 3-point scale indicating the degree of treatment intensity	Possible Values: Min. :1.00 Mean :1.66 Max. :3.00
cause_group	factor Cause of the patient's current clinical deterioration	Possible Values: "cancer", "cancer/sepsis", "copd/chf", "heart failure", "PE/pneumonia/cancer", "PE/sepsis", "pleural effusion/pain", "pneumonia", "pneumonia/cancer", "pneumonia/PE", "respiratory failure", "sepsis", "unknown"
hospital_rr	factor Primary hospital affiliation is UCLA Ronald Reagan	Possible Values: "0", "1"
admit_to	character perceived cause of deterioration entered into survey	Text
diagnosis	character physician note entered into survey	Text
condition	character order entered into survey	Text
vitals	character order entered into survey	Text
nursing	character order entered into survey	Text
diet	character order entered into survey	Text
ivf	character order entered into survey	Text

Variable/Field name	Data Type/Name expanded	Descriptions
meds	character order entered into survey	Text
other	character order entered into survey	Text
stndrd_order	factor order entered into survey	Possible Values: "DNI DNR confort care form", "DNR/DNI See end of life protocol form", "Dying patient protocol", "End of Life", "end of life care", "end of life protocol", "Please have Comfort Care Symptom Management protocol on hold.", "Would have considered end of life protocol pending additional discussion with patient and family"
comments	character order entered into survey	Text
palliate_form	factor from observer – was palliation initiated	Possible Values: 1 (yes) 0 (no)
palliate_notes	character from observer – notes about palliation	Text
opiate_notes	character from observer – was an opiate prescribed during the simulation	Text
other_rx	factor from observer – were other types of meds prescribed	Possible Values: 1 (yes) 0 (no)
other_rx_notes	character from observer	Text
consultpc_form	factor from observer – was a consult to palliative care placed	Possible Values: 1 (yes) 0 (no)

Variable/Field name	Data Type/Name expanded	Descriptions
cmo_form	factor from observer – was cmo form completed	Possible Values: 1 (yes) 0 (no)
consultpc_notes	character from observer – notes about palliative care consult	Text
elicited_notes	character from observer – did the physician elicit preferences	Text
dnr_dni_form	factor from observer – was the dnr/dni form completed	Possible Values: 1 (yes) 0 (no)
documented_notes	character from observer – was the DNR/DNI documented	Text
dnr_dni_note	factor from observer – was dnr/dni discussed	Possible Values: 1 (yes) 0 (no)
dnr_dni_order	factor from observer – was dnr/dni ordered	Possible Values: 1 (yes) 0 (no)
dnr_dni_note_die	factor from observer	Possible Values: 1 (yes) 0 (no)
icu_form	factor from observer – was icu ordered	Possible Values: 1 (yes) 0 (no) 2 (?)
admitted_notes	character from observer – plan for admission	Text
life_prolong_notes	character from observer -	Text
palliation_notes	character from observer	Text

Variable/Field name	Data Type/Name expanded	Descriptions
notes	character from observer – about other observations (e.g. surgical consult ordered)	Text
standard_form	character	Text
sim_time	character time in simulation	NA
bipap_notes	character from observer – about bipap initiation	Text
intubated_notes	character from observer – about intubation	Text
comfort_ward	factor from observer – about transferring to inpatient hospice	Possible Values: 1 (yes)
code_blue	factor from observer – about calling a code	Possible Values: 1 (yes)
treatment_decision_notes	character from observer – all missing	Text
code_status_notes	character from observer – about code status	Text
goal	character from observer – about physician goal	Text
diagnose_short_breath	factor from observer – about physician goal	Possible Values: 1 (yes) 0 (no)
obtain_code_status	factor from observer – about physician goal	Possible Values: 1 (yes) 0 (no)

Variable/Field name	Data Type/Name expanded	Descriptions
recommended	character from observer – recommendation to patient	Text
recommended_group	factor from observer – category of recommendation	Possible Values: "ICU", "ICU/code status", "ICU/therapy", "ICU/therapy/intubation", "palliative", "refused to comment", "unknown"
agenda_notes	character from observer – about physician goal	Text
uncertain_comfort	factor same as adu_comf_uncertainty	Possible Values: "agree", "agree somewhat", "agree strongly", "disagree", "disagree somewhat", "strongly disagree"
uncertain_troubles	factor same as adu_uncertainty_troubles	Possible Values: "agree", "agree somewhat", "agree strongly", "disagree", "disagree somewhat", "strongly disagree"
uncertain_imagine	factor same as cbo_uncertain_imagine	Possible Values: c("agree", "agree somewhat", "agree strongly", "disagree", "disagree somewhat", "strongly disagree"
fear_acctble	factor same as cbo_fear_accountable	Possible Values: "agree", "agree somewhat", "agree strongly", "disagree", "disagree somewhat", "strongly disagree"
worry_malpractice	factor same as cbo_worry_malprac	Possible Values: "agree", "agree somewhat", "agree strongly", "disagree", "disagree somewhat", "strongly disagree"
uncertain_share	factor same as rdp_uncert_share	Possible Values: "agree", "agree somewhat", "agree strongly", "strongly disagree"
always_share	factor same as rdp_always_share	Possible Values: "agree", "agree somewhat", "agree strongly", "disagree somewhat", "strongly disagree"
lose_confid	factor same as rdp_lose_conf	Possible Values: "agree", "agree somewhat", "disagree", "disagree somewhat", "strongly disagree"
sharing_improves	factor same as rdp_share_uncert	Possible Values: "agree", "agree somewhat", "agree strongly", "disagree", "disagree somewhat", "strongly disagree"

Variable/Field name	Data Type/Name expanded	Descriptions
prefer_notknow	factor same as rdp_patients_not_know	Possible Values: "agree", "agree somewhat", "disagree", "disagree somewhat", "strongly disagree"
dx_missed	factor same as rdd_never_tell_diagnoses	Possible Values: "agree somewhat", "disagree", "disagree somewhat", "strongly disagree"
mistakes_made	factor same as rdd_never_tell_mistakes	Possible Values: "agree somewhat", "disagree", "disagree somewhat", "strongly disagree"
palliative_intent	factor initial assessment of palliative intent	Possible Values: 1 (yes) 0 (no)
discrep_palliate	factor discrepancy in palliation between observers	Possible Values: 1 (yes) 0 (no)
discrep_consultpc	factor discrepancy in consultpc status between observers	Possible Values: 1 (yes) 0 (no)
discrep_dnr_dni	factor discrepancy in dnr_dni status between observers	Possible Values: 1 (yes) 0 (no)
discrep_icu	factor discrepancy in icu admission between observers	Possible Values: 1 (yes) 0 (no)
_2_none	factor our assessment of what type of decision making was occurring (shared, physician-directed) and the physician goal (diagnostician, life-prolongation, palliation) based on observation. This variable contains the “other” category.	Possible Values: 0
dm_notes	character from observer – notes	Text
cancer	factor for the race study	Possible Values: "Gastric", "Pancreatic"

Variable/Field name	Data Type/Name expanded	Descriptions
regret_cath	factor Which of the two scenarios would you be more likely to regret: Scenario A: you insert a PA catheter in a patient with presumed CHF and the patient died from complications of the catheter; Scenario B: you do not insert a PA catheter in a patient with presumed CHF, the patient dies suddenly, and the autopsy indicates that the patient did not have CHF	Possible Values: 0 = both equally 1 = A 2 = B
regret_icu	factor Which of the two scenarios would you be more likely to regret: Scenario A: you admit a patient with CHF to the ICU and later find the patient needed no intensive therapy; Scenario B: you do not admit a CHF patient to the ICU and later find out they needed intensive therapy	Possible Values: 1 Scenario B 2 Scenario A

Dataset = LowIntensityAMC_A_Cleaned.csv		
Variable/Field name	**Data Type/Name expanded**	**Descriptions**
ROOM	factor	Possible Values: "1", "10", "11", "12", "13", "14", "15", "16", "2", "3", "4", "5", "6", "7", "8", "9"
ID	factor	Possible Values: "1", "10", "11", "12", "13", "14", "15", "16", "17", "18", "19", "2", "20", "21", "22", "23", "24", "25", "26", "27", "28", "29", "3", "30", "31", "32", "33", "34", "35", "36", "37", "38", "39", "4", "40", "41", "42", "43", "44", "45", "46", "47", "48", "49", "5", "50", "51", "52", "53", "54", "55", "56", "57", "58", "59", "6", "60", "61", "62", "63", "64", "65", "66", "67", "68", "69", "7", "70", "71", "72", "73", "74", "75", "76", "77", "78", "79", "8", "80", "9"
SURVEY	factor	Possible Values: "N", "Y"
ENROLLED	factor	Possible Values: "N", "REFUSED", "Y"
AGE	numeric	Possible Values: -999 = 89 or greater Min. : 29.00 Mean : 57.02 Max. : Over 89
SEX	factor	Possible Values: "0", "1"
FEMALE	factor	Possible Values: "0", "1"
MALE	factor	Possible Values: "0", "1"
RACE_ETH	factor	Possible Values: "AA", "AS", "WC"
OBS.DAYS	numeric	Possible Values: Min. : 1.000 Mean : 3.114 Max. :19.000
ICU.LOS	numeric	Possible Values: Min. : 1.000 Mean : 6.638 Max. : 46.000
CHRON_CHF	factor	Possible Values: "0", "1", "acute?"
CHRON_CHD	factor	Possible Values: 1

Variable/Field name	Data Type/Name expanded	Descriptions
CHRON_COPD	factor	Possible Values: "0", "1"
CHRON_LIVER	factor	Possible Values: "0", "1"
CHRON_RENAL	factor	Possible Values: 1
CHRON_PaHTN	factor	Possible Values: "0", "1"
CHRON_OTHERLUNG	factor	Possible Values: 1
CHRON_CANCER	factor	Possible Values: "0", "1"
CHRON_DEMENT	factor	Possible Values: "0", "1"
CHRON_FREETXT	character	Text
ACUTE_FREETXT	character	Text
LST_MV	factor	Possible Values: "0", "1"
LST_CVVH	factor	Possible Values: "0", "1"
LST_HD	factor	Possible Values: "0", "1"
LST_HEMO	factor	Possible Values: "0", "1"
LST_PRESSORS	factor	Possible Values: "0", "1"
SOURCE_ED	factor	Possible Values: "0", "1"
SOURCE_FLOOR	factor	Possible Values: "0", "1"
SOURCE_OR	factor	Possible Values: "0", "1"
SOURCE_OSH	factor	Possible Values: "0", "1"
SOURCE_UNK	factor	Possible Values: "0", "1"
CODE	character	Text
DISPO_DEAD	factor	Possible Values: "0", "1"
DISPO_FLOOR	factor	Possible Values: "0", "1"
DISPO_HOME	factor	Possible Values: 0
DISPO_UNKNOWN	factor	Possible Values: "0", "1"

Variable/Field name	Data Type/Name expanded	Descriptions
COMMENTS	character	Text
X		Deleted because completely empty
X.1		Deleted because completely empty
LST_FREETEXT		Deleted because completely empty

Dataset = HighIntensityAMC_B_Cleaned.csv		
Variable/Field name	**Data Type/Name expanded**	**Descriptions**
ROOM	factor	Possible Values: "11", "13", "15", "17", "19", "21", "23", "25", "27", "31", "33", "35", "37", "39", "41", "43", "45", "47", "51", "53", "55", "57"
ID	factor	Possible Values: 1 thru 73
ENROLLED	factor	Possible Values: "Y"
AGE	numeric	Possible Values: Min. :21.00 Mean :55.92 Max. :84.00
MALE	factor	Possible Values: "0", "1"
FEMALE	factor	Possible Values: "0", "1"
RACE_ETH	factor	Possible Values: "AA", "AS", "HIS", "WC"
OBS.DAYS	numeric	Possible Values: Min. : 1.000 Mean : 5.288 Max. :21.000
ICU.LOS	numeric	Possible Values: Min. : 1.000 Mean : 12.23 Max. :146.000
CHRON_CHF	factor	Possible Values: "0", "1"
CHRON_CHD	factor	Possible Values: 1
CHRON_COPD	factor	Possible Values: "0", "1"
CHRON_LIVER	factor	Possible Values: "0", "1"
CHRON_RENAL	factor	Possible Values: 1
CHRON_PaHTN	factor	Possible Values: "0", "1"
CHRON_OTHERLUNG	factor	Possible Values: 1
CHRON_CANCER	factor	Possible Values: "0", "1"

Variable/Field name	Data Type/Name expanded	Descriptions
CHRON_DEMENT	factor	Possible Values: "0", "1"
CHRON_FREETXT	character	Text
ACUTE_FREETXT	character	Text
LST_MV	factor	Possible Values: "0", "1"
LST_CVVH	factor	Possible Values: "0", "1"
LST_HD	factor	Possible Values: "0", "1"
LST_HEMO	factor	Possible Values: "0", "1"
LST_PRES	factor	Possible Values: "0", "1"
LST_FTUBE	factor	Possible Values: "0", "1"
LST_FREETXT	factor	Possible Values: "0", "CPR, SHOCK"
SOURCE_ED	factor	Possible Values: "0", "1"
SOURCE_FLOOR	factor	Possible Values: "0", "1"
SOURCE_OR	factor	Possible Values: "0", "1"
SOURCE_OSH	factor	Possible Values: "0", "1"
SOURCE_UNK	factor	Possible Values: "0", "1"
SOURCE_HOME	factor	Possible Values: "0", "1"
CODE_FULL	factor	Possible Values: "0", "1"
CODE_POK	factor	Possible Values: "0", "1"
DISPO_DEAD	factor	Possible Values: "0", "1"
DISPO_FLOOR	factor	Possible Values: "0", "1"
DISPO_HOME	factor	Possible Values: "0", "1"
DISPO_UNKNOWN	factor	Possible Values: "0", "1"
DISPO_OTHER	factor	Possible Values: "0", "1", "LTICU"
COMMENT	character	Text

Variable/Field name	Data Type/Name expanded	Descriptions
SURVEY		Deleted because completely empty
X		Deleted because completely empty
DATE		Deleted due to PHI