Data Set Name: ae.sas7bdat

Num	Variable	Type	Len	Label
1	hsid	Num	8	Public-use HS patient ID
2	advse1	Num	8	Category of adverse event
3	event1	Num	8	Specific type of adverse event
4	life1	Num	8	SAE: Life threatening?
5	rtitv1	Num	8	SAE: Related to intervention?
6	expt1	Num	8	SAE: Expected?

Data Set Name: cardventof.sas7bdat

Num	Variable	Type	Len	Label
1	hsid	Num	8	Public-use HS patient ID
2	day	Num	8	Day number in ICU
3	hr	Num	8	Heart rate (beats per minute)
4	map	Num	8	Mean arterial blood pressure
5	cvp	Num	8	Central venous pressure
6	cvpnd	Num	8	CVP not detectable or not recorded
7	presor	Num	8	Received any pressors?
8	disch	Num	8	Patient discharged
9	readm	Num	8	Patient readmitted
10	ventil	Num	8	Ventilated? (mmHg)
11	pao2	Num	8	PaO2 (mmHg)
12	fio2	Num	8	% FiO2
13	peep	Num	8	PEEP: Positive End Expiratory Pressure (cmH2O)
14	infilt	Num	8	CXR: bilateral infiltrates?
15	ali	Num	8	ALI: Acute lung injury
16	ards	Num	8	ARDS: Acute respiratory distress syndrome
17	vt	Num	8	Tidal volume (mL/kg of predicted body weight)
18	extb	Num	8	Extubated?
19	reintb	Num	8	Re-intubated
20	pltval	Num	8	Platelets (x10^3/uL)
21	pltnd	Num	8	Platelets NA/NR
22	bilval	Num	8	Bilirubin (umol/L)
23	bilnd	Num	8	Bilirubin NA/NR
24	creval	Num	8	Creatinine (umol/L)
25	crend	Num	8	Creatinine NA/NR
26	gcse	Num	8	GCS: eye component
27	gcsv	Num	8	GCS: verbal component
28	gcsm	Num	8	GCS: motor component

Data Set Name: cases.sas7bdat

Num	Variable	Type	Len	Label
1	hsid	Num	8	Public-use HS patient ID
2	randGrp	Num	8	Randomization group
3	bong	Num	8	Bag open, not given (BONG)
4	tbi	Num	8	Indicator for TBI cohort
5	shock	Num	8	Indicator for shock cohort
6	unkCohort	Num	8	Unknown cohort
7	calltmcat	Num	8	Time call received at dispatch/episode time category
8	analysisCase	Num	8	Indicates whether case was included in HS manuscript analysis tables
9	age	Num	8	Age (years) 17 = <18, 89 = >88
10	sexp	Num	8	Gender
11	ethnsrc	Num	8	Source of ethnicity data
12	ethn	Num	8	Ethnicity
13	racesrc	Num	8	Source of race data
14	asian	Num	8	Race: Asian
15	black	Num	8	Race: Black/African American
16	white	Num	8	Race: White
17	othrc	Num	8	Race: Other (only for pre-hospital)
18	othhsp	Num	8	Race: Marked Hispanic or Latino on pre-hospital
19	unkrc	Num	8	Race: Unknown/not noted
20	injblnt	Num	8	Main injury type: blunt
21	fall	Num	8	Sub-injury type: fall
22	mvcocc	Num	8	Sub-injury type: MVC-occupant
23	mvcmcy	Num	8	Sub-injury type: MVC-motorcyclist
24	mvcped	Num	8	Sub-injury type: MVC-pedestrian
25	miscmch	Num	8	Sub-injury type: combine machinery, MVC-unknown, MVC-cyclist
26	struck	Num	8	Sub-injury type: struck by/against (assault)
27	othbln	Num	8	Sub-injury type: other blunt
28	injpen	Num	8	Main injury type: penetrating
29	gsw	Num	8	Sub-injury type: gun shot wound
30	othpen	Num	8	Sub-injury type: other penetrating
31	numInj	Num	8	Number of injuries recorded
32	numSev9	Num	8	Number of injuries recorded with severity of 9
33	numNonSev9	Num	8	Number of injuries recorded without severity of 9
34	headNeckAis1	Num	8	AIS code with maximum severity among head/neck injuries
35	headNeckSev1	Num	8	Severity of head/neck injury with maximum severity
36	headNeckAis2	Num	8	AIS code with second highest severity among head/neck injuries

Num	Variable	Type	Len	Label
37	headNeckSev2	Num	8	Severity of head/neck injury with second highest severity
38	headNeckAis3	Num	8	AIS code with third highest severity among head/neck injuries
39	headNeckSev3	Num	8	Severity of head/neck injury with third highest severity
40	maxHeadNeckSev	Num	8	Maximum severity of head/neck injuries
41	faceAis1	Num	8	AIS code with maximum severity among face injuries
42	faceSev1	Num	8	Severity of face injury with maximum severity
43	faceAis2	Num	8	AIS code with second highest severity among face injuries
44	faceSev2	Num	8	Severity of face injury with second highest severity
45	faceAis3	Num	8	AIS code with third highest severity among face injuries
46	faceSev3	Num	8	Severity of face injury with third highest severity
47	maxFaceSev	Num	8	Maximum severity of face injuries
48	chestAis1	Num	8	AIS code with maximum severity among chest injuries
49	chestSev1	Num	8	Severity of chest injury with maximum severity
50	chestAis2	Num	8	AIS code with second highest severity among chest injuries
51	chestSev2	Num	8	Severity of chest injury with second highest severity
52	chestAis3	Num	8	AIS code with third highest severity among chest injuries
53	chestSev3	Num	8	Severity of chest injury with third highest severity
54	maxChestSev	Num	8	Maximum severity of chest injuries
55	abdomenAis1	Num	8	AIS code with maximum severity among abdomen injuries
56	abdomenSev1	Num	8	Severity of abdomen injury with maximum severity
57	abdomenAis2	Num	8	AIS code with second highest severity among abdomen injuries
58	abdomenSev2	Num	8	Severity of abdomen injury with second highest severity
59	abdomenAis3	Num	8	AIS code with third highest severity among abdomen injuries
60	abdomenSev3	Num	8	Severity of abdomen injury with third highest severity
61	maxAbdomenSev	Num	8	Maximum severity of abdomen injuries
62	externalAis1	Num	8	AIS code with maximum severity among external injuries
63	externalSev1	Num	8	Severity of external injury with maximum severity
64	externalAis2	Num	8	AIS code with second highest severity among external injuries
65	externalSev2	Num	8	Severity of external injury with second highest severity
66	externalAis3	Num	8	AIS code with third highest severity among external injuries
67	externalSev3	Num	8	Severity of external injury with third highest severity
68	maxExternalSev	Num	8	Maximum severity of external injuries
69	extremityAis1	Num	8	AIS code with maximum severity among injuries to extremities
70	extremitySev1	Num	8	Severity of extremity injury with maximum severity
71	extremityAis2	Num	8	AIS code with second highest severity among injuries to extremities
72	extremitySev2	Num	8	Severity of extremity injury with second highest severity
73	extremityAis3	Num	8	AIS code with third highest severity among injuries to extremities
74	extremitySev3	Num	8	Severity of extremity injury with third highest severity
75	maxExtremitySev	Num	8	Maximum severity of injuries to extremities

Num	Variable	Type	Len	Label
76	headAis1	Num	8	AIS code with maximum severity among head injuries
77	headSev1	Num	8	Severity of head injury with maximum severity
78	headAis2	Num	8	AIS code with second highest severity among head injuries
79	headSev2	Num	8	Severity of head injury with second highest severity
80	headAis3	Num	8	AIS code with third highest severity among head injuries
81	headSev3	Num	8	Severity of head injury with third highest severity
82	maxHeadSev	Num	8	Maximum severity of head injuries
83	iss	Num	8	Injury Severity Score (ISS)
84	niss	Num	8	New Injury Severity Score (NISS)
85	callToVehicleFluidArrMin	Num	8	Minutes from 911 call received to fluid vehicle arrival
86	callToFluidHungMin	Num	8	Minutes from 911 call received to study fluid hung
87	p1sbp	Num	8	Initial SBP (mmHg)
88	p1bpnd	Num	8	Initial SBP not detectable
89	p1rsp	Num	8	Initial RR (breaths/min)
90	p1rrna	Num	8	Initial RR NA/NR
91	p1gcse	Num	8	Initial GCS Eye
92	p1gcsv	Num	8	Initial GCS Verbal
93	p1gcsm	Num	8	Initial GCS Motor
94	gcs1	Num	8	Initial Total GCS
95	pqsbp	Num	8	Qualifying SBP (mmHg)
96	pqbpnd	Num	8	Qualifying SBP not detectable
97	pqgcse	Num	8	Qualifying GCS Eye
98	pqgcsv	Num	8	Qualifying GCS Verbal
99	pqgcsm	Num	8	Qualifying GCS Motor
100	pqhr	Num	8	Qualifying HR (bpm)
101	gcsq	Num	8	Qualifying Total GCS
102	rts	Num	8	Revised Trauma Score (RTS)
103	triss	Num	8	Triss Probability Outcome
104	stfml	Num	8	Study fluid given (mL)
105	stfini	Num	8	Where was study fluid started?
106	sbp70	Num	8	Pre-hospital: SBP<= 70
107	hemr	Num	8	Pre-hospital: SBP 71-90 & HR>=108
108	hypco	Num	8	Intended shock cohort
109	gcsl8	Num	8	Pre-hospital: GCS <=8
110	tbico	Num	8	Intended TBI cohort
111	xchild	Num	8	Age <= 14 or weight <= 50 kg if age unknown
112	xcpr	Num	8	Ongoing pre-hospital CPR
113	xancpr	Num	8	Any pre-hospital CPR prior to study fluid
114	xbpl90	Num	8	Any pre-hospital hypotension (SBP = 90) prior to study fluid

Num	Variable	Type	Len	Label
115	xfluid	Num	8	Administration of > 2 L of crystalloind or any amount of colloid, blood product, or Mannitol
116	xhypth	Num	8	Severe hypothermia (suspected T < 28 C)
117	xdrown	Num	8	Drowning or asphyzia due to hanging
118	xburn	Num	8	Burns TBSA > 20%
119	xhead	Num	8	Isolated penetrating injury to the head
120	xnoiv	Num	8	No pre-hospital intravenous access
121	xtime	Num	8	Time call received at dispatch to study intervention > 4 hrs
122	crOrder	Num	8	Event order: call received at dispatch
123	evdOrder	Num	8	Event order: enrolling vehicle dispatch
124	sfaOrder	Num	8	Event order: enrolling vehicle arrival
125	sfhOrder	Num	8	Event order: study fluid hung
126	edaOrder	Num	8	Event order: ED arrival
127	rtOrder	Num	8	Event order: resus terminated
128	crNdt	Num	8	No documented time: call received at dispatch
129	evdNdt	Num	8	No documented time: enrolling vehicle dispatch
130	sfaNdt	Num	8	No documented time: enrolling vehicle arrival
131	sfhNdt	Num	8	No documented time: study fluid hung
132	edaNdt	Num	8	No documented time: ED arrival
133	rtNdt	Num	8	No documented time: resus terminated
134	eventPath	Char	12	Event sequence
135	diffEpCd	Num	8	Minutes from episode time to call to dispatch
136	tmcrevd	Num	8	911 call to enrolling vehicle dispath (min)
137	tmcrsfa	Num	8	911 call to study fluid vehicle arrival (min)
138	tmcrsfh	Num	8	911 call to study fluid hung (min)
139	tmevdsfa	Num	8	Enroll vehicle dispatch to arrived (min)
140	tmsfasfh	Num	8	Arrived to fluid hung (min)
141	tmsfheda	Num	8	Fluid hung to ED arrival
142	tmems	Num	8	EMS total time 911 call to ED arrival (min)
143	hasNeuro	Num	8	Has the neuro form
144	bgcs1	Num	8	Best GCS Day 1
145	bgcs2	Num	8	Best GCS Day 2
146	bgcs3	Num	8	Best GCS Day 3
147	bgcs4	Num	8	Best GCS Day 4
148	bgcs5	Num	8	Best GCS Day 5
149	icpmon	Num	8	ICP Monitoring?
150	tmedadmtomon	Num	8	Time from ED Admit to ICP Monitor place (hours)
151	opnicp	Num	8	Opening ICP (mmHg)
152	inicpp	Num	8	Initial CPP (mmHg)

Num	Variable	Type	Len	Label
153	othint	Num	8	Other intervention for intracranial hyptension
154	anysez	Num	8	Any seizures?
155	namon	Num	8	Treatment requiring Na monitoring?
156	hiicp1	Num	8	Highest ICP: 0-12 hrs
157	hiicp2	Num	8	Highest ICP: 12-24 hrs
158	hiicp3	Num	8	Highest ICP: 24-36 hrs
159	hiicp4	Num	8	Highest ICP: 36-48 hrs
160	hiicp5	Num	8	Highest ICP: 48-72 hrs
161	hiicp6	Num	8	Highest ICP: 72-96 hrs
162	hiicp7	Num	8	Highest ICP: 96-120 hrs
163	hricph1	Num	8	Num hrs ICP > 25: 0-12 hrs
164	hricph2	Num	8	Num hrs ICP > 25: 12-24 hrs
165	hricph3	Num	8	Num hrs ICP > 25: 24-36 hrs
166	hricph4	Num	8	Num hrs ICP > 25: 36-48 hrs
167	hricph5	Num	8	Num hrs ICP > 25: 48-72 hrs
168	hricph6	Num	8	Num hrs ICP > 25: 72-96 hrs
169	hricph7	Num	8	Num hrs ICP > 25: 96-120 hrs
170	hrcppl1	Num	8	Num hrs CPP < 60: 0-12 hrs
171	hrcppl2	Num	8	Num hrs CPP < 60: 12-24 hrs
172	hrcppl3	Num	8	Num hrs CPP < 60: 24-36 hrs
173	hrcppl4	Num	8	Num hrs CPP < 60: 36-48 hrs
174	hrcppl5	Num	8	Num hrs CPP < 60: 48-72 hrs
175	hrcppl6	Num	8	Num hrs CPP < 60: 72-96 hrs
176	hrcppl7	Num	8	Num hrs CPP < 60: 96-120 hrs
177	mannit1	Num	8	Total gm/kg Mannitol: 0-12 hrs
178	mannit2	Num	8	Total gm/kg Mannitol: 12-24 hrs
179	mannit3	Num	8	Total gm/kg Mannitol: 24-36 hrs
180	mannit4	Num	8	Total gm/kg Mannitol: 36-48 hrs
181	mannit5	Num	8	Total gm/kg Mannitol: 48-72 hrs
182	mannit6	Num	8	Total gm/kg Mannitol: 72-96 hrs
183	mannit7	Num	8	Total gm/kg Mannitol: 96-120 hrs
184	monnd1	Num	8	ICP Monitoring NA/NR: 0-12 hrs
185	monnd2	Num	8	ICP Monitoring NA/NR: 12-24 hrs
186	monnd3	Num	8	ICP Monitoring NA/NR: 24-36 hrs
187	monnd4	Num	8	ICP Monitoring NA/NR: 36-48 hrs
188	monnd5	Num	8	ICP Monitoring NA/NR: 48-72 hrs
189	monnd6	Num	8	ICP Monitoring NA/NR: 72-96 hrs
190	monnd7	Num	8	ICP Monitoring NA/NR: 96-120 hrs
191	hypvnt1	Num	8	Hyperventilation (CO_2 < 30): 0-12 hrs

Num	Variable	Type	Len	Label
192	hypvnt2	Num	8	Hyperventilation (CO2 < 30): 12-24 hrs
193	hypvnt3	Num	8	Hyperventilation (CO2 < 30): 24-36 hrs
194	hypvnt4	Num	8	Hyperventilation (CO2 < 30): 36-48 hrs
195	hypvnt5	Num	8	Hyperventilation (CO2 < 30): 48-72 hrs
196	hypvnt6	Num	8	Hyperventilation (CO2 < 30): 72-96 hrs
197	hypvnt7	Num	8	Hyperventilation (CO2 < 30): 96-120 hrs
198	cranio1	Num	8	Craniotomy: 0-12 hrs
199	cranio2	Num	8	Craniotomy: 12-24 hrs
200	cranio3	Num	8	Craniotomy: 24-36 hrs
201	cranio4	Num	8	Craniotomy: 36-48 hrs
202	cranio5	Num	8	Craniotomy: 48-72 hrs
203	cranio6	Num	8	Craniotomy: 72-96 hrs
204	cranio7	Num	8	Craniotomy: 96-120 hrs
205	vntrcl1	Num	8	Ventriculostomy: 0-12 hrs
206	vntrcl2	Num	8	Ventriculostomy: 12-24 hrs
207	vntrcl3	Num	8	Ventriculostomy: 24-36 hrs
208	vntrcl4	Num	8	Ventriculostomy: 36-48 hrs
209	vntrcl5	Num	8	Ventriculostomy: 48-72 hrs
210	vntrcl6	Num	8	Ventriculostomy: 72-96 hrs
211	vntrcl7	Num	8	Ventriculostomy: 96-120 hrs
212	vntdrn1	Num	8	Ventric drainage (mL): 0-12 hrs
213	vntdrn2	Num	8	Ventric drainage (mL): 12-24 hrs
214	vntdrn3	Num	8	Ventric drainage (mL): 24-36 hrs
215	vntdrn4	Num	8	Ventric drainage (mL): 36-48 hrs
216	vntdrn5	Num	8	Ventric drainage (mL): 48-72 hrs
217	vntdrn6	Num	8	Ventric drainage (mL): 72-96 hrs
218	vntdrn7	Num	8	Ventric drainage (mL): 96-120 hrs
219	tmedadmtooint1	Num	8	Time from ED admit to other intervention: 1 (hrs)
220	tmedadmtooint2	Num	8	Time from ED admit to other intervention: 2 (hrs)
221	tmedadmtooint3	Num	8	Time from ED admit to other intervention: 3 (hrs)
222	seizur1	Num	8	Seizure: 0-12 hrs
223	seizur2	Num	8	Seizure: 12-24 hrs
224	seizur3	Num	8	Seizure: 24-36 hrs
225	seizur4	Num	8	Seizure: 36-48 hrs
226	seizur5	Num	8	Seizure: 48-72 hrs
227	seizur6	Num	8	Seizure: 72-96 hrs
228	seizur7	Num	8	Seizure: 96-120 hrs
229	anconv1	Num	8	While on anticonvulsant: 0-12 hrs
230	anconv2	Num	8	While on anticonvulsant: 12-24 hrs

Num	Variable	Type	Len	Label
231	anconv3	Num	8	While on anticonvulsant: 24-36 hrs
232	anconv4	Num	8	While on anticonvulsant: 36-48 hrs
233	anconv5	Num	8	While on anticonvulsant: 48-72 hrs
234	anconv6	Num	8	While on anticonvulsant: 72-96 hrs
235	anconv7	Num	8	While on anticonvulsant: 96-120 hrs
236	na1601	Num	8	While Na > 160: 0-12 hrs
237	na1602	Num	8	While Na > 160: 12-24 hrs
238	na1603	Num	8	While Na > 160: 24-36 hrs
239	na1604	Num	8	While Na > 160: 36-48 hrs
240	na1605	Num	8	While Na > 160: 48-72 hrs
241	na1606	Num	8	While Na > 160: 72-96 hrs
242	na1607	Num	8	While Na > 160: 96-120 hrs
243	pvnum	Num	8	Number of different types of protocol violation
244	majpvnum	Num	8	Number of different types of major protocol violation
245	minpvnum	Num	8	Number of different types of minor protocol violation
246	intos	Num	8	Intraosseous administration
247	phiel	Num	8	Physiologically ineligible
248	prsn	Num	8	Prisoner
249	othma	Num	8	Other major protocol violation
250	somt	Num	8	Sodium monitoring deviation
251	delay	Num	8	Delayed CTC notification
252	trnpt	Num	8	Transfer/ED patient enrolled
253	lt250	Num	8	<250 mL study fluid administered
254	nroch	Num	8	Patient taken to non-ROC hospital
255	gt2l	Num	8	>2 L or any amount of RBCs, Colloid, or Mannitol
256	pvbong	Num	8	Bag open, not given (protocol violation)
257	othmi	Num	8	Other minor protocol violation
258	pbsbp	Num	8	Best field SBP after study fluid (mmHg)
259	pbbpyn	Num	8	Best field SBP not detectable
260	phhr	Num	8	Highest field HR (heart rate) beats/min
261	plsbp	Num	8	Lowest field SBP (mmHg)
262	plbpnd	Num	8	Lowest field SBP not detectable
263	padair	Num	8	Pre-hospital: Advanced airway attempted
264	pcombi	Num	8	Pre-hospital: Combitude
265	psupglot	Num	8	Pre-hospital supraglotic airway (LMA or King)
266	pett	Num	8	Pre-hospital: ET (endotracheal) tube
267	pothair	Num	8	Pre-hospital: Other airway
268	pthora	Num	8	Pre-hospital: Needle thoracostomy
269	pothpr	Num	8	Pre-hospital: Other procedures

Num	Variable	Type	Len	Label
270	pmann	Num	8	Pre-hospital: Mannitol given?
271	pmeds	Num	8	Pre-hospital: Medications given?
272	ppara	Num	8	Pre-hospital: Paralytics
273	pnarc	Num	8	Pre-hospital: Narcotics
274	pbenzo	Num	8	Pre-hospital: Benzodiazepines
275	plido	Num	8	Pre-hospital: Lidocaine
276	petomi	Num	8	Pre-hospital: Etomidate
277	pothmd	Num	8	Pre-hospital: Other medication
278	pcryst	Num	8	Pre-hospital: Crystalloid (NS, LR, Plasmalyte, etc.) (mL)
279	prbcml	Num	8	Pre-hospital: RBC (red blood cells) (mL)
280	pmanml	Num	8	Pre-hospital: Mannitol (mL)
281	prbcpr	Num	8	RBCs given before study fluid
282	p2lcry	Num	8	More than 2L of crystalloid administered before study fluid
283	pmanpr	Num	8	Mannitol given before study fluid
284	t1mode	Num	8	Pre-hospital: Transport mode 1
285	t2mode	Num	8	Pre-hospital: Transport mode 2
286	padvev	Num	8	Pre-hospital: Any adverse events?
287	pdisp	Num	8	Pre-hospital: Disposition
288	ppdthc	Num	8	Pre-hospital: Primary cause of death
289	psdthc	Num	8	Pre-hospital: Secondary cause of death
290	callToEdAdmitMin	Num	8	Time between 911 call and ED admit (minutes)
291	hasEdAdmit	Num	8	Has ED admit form
292	e1gcse	Num	8	First ED GCS: eye component
293	e1remm	Num	8	First ED GCS: right pupil size
294	e1rrea	Num	8	First ED GCS: right pupil reactivity
295	e1lemm	Num	8	First ED GCS: left pupil size
296	e1lrea	Num	8	First ED GCS: left pupil reactivity
297	e1gcsv	Num	8	First ED GCS: verbal component
298	e1intb	Num	8	First ED GCS: intubated?
299	e1gcsm	Num	8	First ED GCS: motor component
300	e1para	Num	8	First ED GCS: chemically paralyzed?
301	e1gcs	Num	8	First ED GCS: combined score
302	e1sbp	Num	8	First ED SBP (systolic blood pressure)
303	elsbp	Num	8	Lowest ED SBP (systolic blood pressure)
304	e1hr	Num	8	First ED heart rate (beats per minute)
305	ehhr	Num	8	Highest ED heart rate (beats per minute)
306	firstTemp	Num	8	First ED temperature (Celsius)
307	e1tmsr	Num	8	First ED temperature: source
308	fio21	Num	8	First ED % FiO2

Num	Variable	Type	Len	Label
309	ph1	Num	8	First ED pH
310	pco21	Num	8	First ED pCO2 (mmHg)
311	po21	Num	8	First ED paO2 (mmHg)
312	sao21	Num	8	First ED SaO2 (%)
313	fio2w	Num	8	Worst ED % FiO2
314	phw	Num	8	Worst ED pH
315	pco2w	Num	8	Worst ED pCO2 (mmHg)
316	po2w	Num	8	Worst ED paO2 (mmHg)
317	sao2w	Num	8	Worst ED SaO2 (%)
318	firstLact	Num	8	First ED lactate (mmol/L)
319	firstHgb	Num	8	First ED hemoglobin (g/dL)
320	lowestHgb	Num	8	Lowest ED hemoglobin (g/dL)
321	inr1v	Num	8	First ED INR (International Normalized Ratio)
322	pt1ss	Num	8	First ED PT (pro-thrombin time) (seconds)
323	ptt1ss	Num	8	First ED PTT (partial thromboplastin time) (seconds)
324	pltlt1v	Num	8	First ED Platelet (x 10^3/uL)
325	firstFib	Num	8	First ED Fibrinogen (mg/dL)
326	varrhy	Num	8	Any ventricular arrhythmias requiring intervention?
327	eintub	Num	8	Intubation?
328	eangio	Num	8	Angio suite for hemorrhage control?
329	embol	Num	8	Embolization?
330	eadvev	Num	8	Any adverse events uncovered during ED admit?
331	ed2mod	Num	8	Transfer to second ED: mode
332	edisp	Num	8	ED disposition
333	edTimeMin	Num	8	Length of time in ED (minutes)
334	epdthc	Num	8	ED death: primary cause
335	esdthc	Num	8	ED death: secondary cause
336	edproc	Num	8	ED death: were any ED procedures performed?
337	edThora	Num	8	ED death: had thoracotomy in ED?
338	edPac	Num	8	ED death: had PA Catheter in ED?
339	edCvp	Num	8	ED death: had CVP Catheter in ED?
340	edOthProc	Num	8	ED death: had other procedure in ED?
341	edcount	Num	8	Number of ED forms for this case
342	fe1gcse	Num	8	Final ED: first GCS eye
343	fe1remm	Num	8	Final ED: first R pupil size (mm)
344	fe1rrea	Num	8	Final ED: first R pupil reactive?
345	fe1lemm	Num	8	Final ED: first L pupil size (mm)
346	fe1lrea	Num	8	Final ED: first L pupil reactive?
347	fe1gcsv	Num	8	Final ED: first GCS verbal

Num	Variable	Type	Len	Label
348	fe1intb	Num	8	Final ED: intubated?
349	fe1gcsm	Num	8	Final ED: first GCS motor
350	fe1para	Num	8	Final ED: chemically paralyzed
351	fe1sbp	Num	8	Final ED: first SBP
352	fe1dbp	Char	3	Final ED: first DBP
353	fe1hr	Num	8	Final ED: first HR
354	felsbp	Num	8	Final ED: lowest SBP
355	feldbp	Char	3	Final ED: lowest DBP
356	fehhr	Num	8	Final ED: highest HR
357	fe1temp	Num	8	Final ED: first temperature value
358	fe1tinf	Num	8	Final ED: first temperature units
359	fe1tmsr	Num	8	Final ED: first temperature source
360	fe1tempcel	Num	8	Final ED: first temperature Celsius
361	ie1gcse	Num	8	Initial ED: first GCS eye
362	ie1remm	Num	8	Initial ED: first R pupil size (mm)
363	ie1rrea	Num	8	Initial ED: first R pupil reactive?
364	ie1lemm	Num	8	Initial ED: first L pupil size (mm)
365	ie1lrea	Num	8	Initial ED: first L pupil reactive?
366	ie1gcsv	Num	8	Initial ED: first GCS verbal
367	ie1intb	Num	8	Initial ED: intubated?
368	ie1gcsm	Num	8	Initial ED: first GCS motor
369	ie1para	Num	8	Initial ED: chemically paralyzed
370	ie1sbp	Num	8	Initial ED: first SBP
371	ie1dbp	Char	3	Initial ED: first DBP
372	ie1hr	Num	8	Initial ED: first HR
373	ielsbp	Num	8	Initial ED: lowest SBP
374	ieldbp	Char	3	Initial ED: lowest DBP
375	iehhr	Num	8	Initial ED: highest HR
376	ie1temp	Num	8	Initial ED: first temperature value
377	ie1tinf	Num	8	Initial ED: first temperature units
378	ie1tmsr	Num	8	Initial ED: first temperature source
379	ie1tempcel	Num	8	Initial ED: first temperature Celsius
380	knownDead	Num	8	Case known to be dead
381	deathDay	Num	8	Days from episode date to death (0 is same day)
382	minDeathDay	Num	8	Minimum days from episode date to death (0 is same day)
383	maxDeathDay	Num	8	Maximum days from episode date to death (0 is same day)
384	edAdmitToDeathDays	Num	8	Number of days from first ED admit to death
385	edAdmitToDeathDaysMeth	Num	8	Method of calculating number of days from first ED admit to death
386	edAdmitToHospDispDays	Num	8	Number of days from first ED admit to hospital disposition

Num	Variable	Type	Len	Label
387	edAdmitToHospDispDaysMeth	Num	8	Method of calculating number of days from first ED admit to hospital disposition
388	diedInFld	Num	8	Died in the field
389	diedInFldOrEd	Num	8	Died in the field or ED
390	diedInFldOrEdOrHspLe6h	Num	8	Died in the field or ED or in the hospital within 6 hours of first ED admit
391	diedInFldOrEdOrHspLe24h	Num	8	Died in the field or ED or in the hospital within 24 hours of first ED admit
392	diedInFldOrEdOrHspLe28d	Num	8	Died in the field or ED or in the hospital or elsewhere within 28 days of first ED admit
393	daysToDischarge	Num	8	Number of days from ED admit until discharge
394	daysToDischargeMeth	Num	8	Method for calculating days to discharge
395	tbiform	Num	8	Has at least one TBI outcome form
396	intvdcday	Num	8	Discharge TBI interview date in days from episode
397	gosedc	Num	8	GOSE (discharge)
398	drsdc	Num	8	DRS (discharge)
399	intv1mday	Num	8	1-mo TBI interview date in days from episode
400	gose1m	Num	8	GOSE (1-month post-discharge)
401	drs1m	Num	8	DRS (1-month post-discharge)
402	intv6mday	Num	8	6-mo TBI interview date in days from episode
403	gose6m	Num	8	GOSE (6-month post-injury)
404	drs6m	Num	8	DRS (6-month post-injury)
405	rspdc	Num	8	GOSE interview respondent (discharge)
406	rsp1m	Num	8	GOSE interview respondent (1-month)
407	rsp6m	Num	8	GOSE interview respondent (6-month)
408	gosedc5	Num	8	GOSE (discharge) >= 5
409	gose1m5	Num	8	GOSE (1-month) >= 5
410	gose6m5	Num	8	GOSE (6-month) >= 5
411	pstinjdc	Num	8	Interval (days) between discharge TBI outcome interview and injury
412	pstinj1m	Num	8	Interval (days) between 1-month TBI outcome interview and injury
413	pstinj6m	Num	8	Interval (days) between 6-month TBI outcome interview and injury
414	cargvrdc	Num	8	Caregiver at discharge TBI outcome interview
415	cargvr1m	Num	8	Caregiver at 1-month TBI outcome interview
416	cargvr6m	Num	8	Caregiver at 6-month TBI outcome interview
417	hrswptdc	Num	8	Hours caregiver spent with patient per day at discharge TBI outcome interview
418	hrswpt1m	Num	8	Hours caregiver spent with patient per day at 1-month TBI outcome interview
419	hrswpt6m	Num	8	Hours caregiver spent with patient per day at 6-month TBI outcome interview
420	ms_surv28d	Num	8	Manuscript 28-day survival
421	ms_surv24h	Num	8	Manuscript 24-hour survival
422	ms_dischargedAlive	Num	8	Manuscript discharged alive
423	alive28d	Num	8	Indicates whether patient was alive at day 28
424	rehosp	Num	8	Rehospitalization reported at 1-month follow-up

Num	Variable	Type	Len	Label
425	hasCg	Num	8	Has care guidelines form
426	cvpcth	Num	8	CVP catheter used during first 48 hrs of resus (from ED admit)
427	pacth	Num	8	PA catheter used during first 48 hrs of resus (from ED admit)
428	cggluc3	Num	8	Care guidelines glucose measure (mg/dL): 3
429	cggluc4	Num	8	Care guidelines glucose measure (mg/dL): 4
430	cggluc5	Num	8	Care guidelines glucose measure (mg/dL): 5
431	cgglund3	Num	8	Glucose measure NA/NR: 3
432	cgglund4	Num	8	Glucose measure NA/NR: 4
433	cgglund5	Num	8	Glucose measure NA/NR: 5
434	cginsul3	Num	8	Insulin drip?: 3
435	cginsul4	Num	8	Insulin drip?: 4
436	cginsul5	Num	8	Insulin drip?: 5
437	cghgb3	Num	8	Care guidelines lowest HgB measure (g/dL): 3
438	cghgb4	Num	8	Care guidelines lowest HgB measure (g/dL): 4
439	cghgb5	Num	8	Care guidelines lowest HgB measure (g/dL): 5
440	cghgbnd3	Num	8	HgB measure NA/NR: 3
441	cghgbnd4	Num	8	HgB measure NA/NR: 4
442	cghgbnd5	Num	8	HgB measure NA/NR: 5
443	cgxfusn3	Num	8	Transfusion?: 3
444	cgxfusn4	Num	8	Transfusion?: 4
445	cgxfusn5	Num	8	Transfusion?: 5
446	cgbenzdr3	Num	8	Benzo drip?: 3
447	cgbenzdr4	Num	8	Benzo drip?: 4
448	cgbenzdr5	Num	8	Benzo drip?: 5
449	cgnarcdr3	Num	8	Narcotic drip?: 3
450	cgnarcdr4	Num	8	Narcotic drip?: 4
451	cgnarcdr5	Num	8	Narcotic drip?: 5
452	cgpropdr3	Num	8	Propofol drip?: 3
453	cgpropdr4	Num	8	Propofol drip?: 4
454	cgpropdr5	Num	8	Propofol drip?: 5
455	cgentntr3	Num	8	Enteral nutrition?: 3
456	cgentntr4	Num	8	Enteral nutrition?: 4
457	cgentntr5	Num	8	Enteral nutrition?: 5
458	cgparntr3	Num	8	Parenteral nutrition?: 3
459	cgparntr4	Num	8	Parenteral nutrition?: 4
460	cgparntr5	Num	8	Parenteral nutrition?: 5
461	hasIcuForm	Num	8	Case has ICU form?
462	tmedadmtoicu	Num	8	Hours from first ED admit to to ICU Admit
463	tmedadmtointb	Num	8	Hours from first ED admit to initial intubation

Num	Variable	Type	Len	Label
464	Nvrvnt	Num	8	Never ventilated
465	cxrday	Num	8	Days since first ED admit for ARDS qualifying CXR
466	maxResp	Num	8	Worst respiratory OD (organ dysfunction) score
467	maxRenal	Num	8	Worst renal OD (organ dysfunction) score
468	maxHepatic	Num	8	Worst hepatic OD (organ dysfunction) score
469	maxCardio	Num	8	Worst cardiovascular OD (organ dysfunction) score
470	maxHemat	Num	8	Worst hematologic OD (organ dysfunction) score
471	maxNeuro	Num	8	Worst neurologic OD (organ dysfunction) score
472	ooIcu	Num	8	Days alive out of ICU up to day 28
473	ooHosp	Num	8	Days alive out of hospital up to day 28
474	offVent	Num	8	Ventilator-free days
475	ardsYes	Num	8	Had ARDS?
476	ardsFreeSurv	Num	8	ARDS free survival to day 28?
477	modScoreMeth1	Num	8	Worst MOD score method 1: simultaneous worst score
478	modScoreMeth2	Num	8	Worst MOD score method 2: worst score for each component over ICU stay up to day 28
479	hasResusForm	Num	8	Has resuscitation characteristics form
480	hasHospForm	Num	8	Has hospitalization form?
481	edHospFluids	Num	8	Fluids in the ED/hospital within 24 hours of episode (does not include Mannitol) (mL)
482	Cryst	Num	8	Crystalloid (mL)
483	Mann	Num	8	Mannitol (mL)
484	Othcoll	Num	8	Other colloid (mL)
485	sal3pct	Num	8	3% saline (mL)
486	Allogenrbc	Num	8	Allogeneic RBC (red blood cells) (mL)
487	Ffp	Num	8	FFP (fresh frozen plasma) (mL)
488	Plate	Num	8	Platelets (mL)
489	Cryop	Num	8	Cryoprecipitate (mL)
490	Abt	Num	8	Autologous blood transfusion (mL)
491	Ebl	Num	8	Intraoperative EBL (estimated blood loss) (mL)
492	hctnum	Num	8	Number of head CTs
493	tmhct1	Num	8	Hours since first ED admit of first head CT
494	hctday1	Num	8	Days since episode date for first head CT
495	hctcod1	Num	8	Marshall Head CT code for first head CT
496	hctna1	Num	8	First head CT NA/NR
497	tmhct2	Num	8	Hours since first ED admit of second head CT
498	hctday2	Num	8	Days since episode date for second head CT
499	hctcod2	Num	8	Marshall Head CT code for second head CT
500	hctna2	Num	8	Second head CT NA/NR
501	icbled2	Num	8	Evidence of increased intracranial bleeding since previous head CT

Num	Variable	Type	Len	Label
502	tmhct3	Num	8	Hours since first ED admit of third head CT
503	hctday3	Num	8	Days since episode date for third head CT
504	hctcod3	Num	8	Marshall Head CT code for third head CT
505	hctna3	Num	8	Third head CT NA/NR
506	icbled3	Num	8	Evidence of increased intracranial bleeding since previous head CT
507	maxLact0to12	Num	8	Highest lactate 0 to 12 hours (mmol/L)
508	hlac1n	Num	8	Highest lactate 0 to 12 hours: NA/NR
509	maxLact12to24	Num	8	Highest lactate 12 to 24 hours (mmol/L)
510	hlac2n	Num	8	Highest lactate 12 to 24 hours: NA/NR
511	wbdf1v	Num	8	Worst base deficit 0 to 12 hours (mmol/L)
512	wbdf1n	Num	8	Worst base deficit 0 to 12 hours: NA/NR
513	wbdf2v	Num	8	Worst base deficit 12 to 24 hours (mmol/L)
514	wbdf2n	Num	8	Worst base deficit 12 to 24 hours: NA/NR
515	admna	Num	8	Admission sodium (mmol/L)
516	admCl	Num	8	Admission chloride (mmol/L)
517	admKp	Num	8	Admission K+ (mmol/L)
518	maxNa0to4	Num	8	Max sodium within 4 hours of ED admit (mmol/L)
519	maxNa4to12	Num	8	Max sodium from 4 hours to 12 hours since ED admit (mmol/L)
520	maxNa12to24	Num	8	Max sodium from 12 hours to 24 hours since ED admit (mmol/L)
521	maxNa24to48	Num	8	Max sodium from 24 hours to 48 hours since ED admit (mmol/L)
522	mxcl0004	Num	8	Max Cl 0-4 hrs (mmol/L)
523	mxcl0412	Num	8	Max Cl 4-12 hrs (mmol/L)
524	mxcl1224	Num	8	Max Cl 12-24 hrs (mmol/L)
525	mxcl2448	Num	8	Max Cl 24-48 hrs (mmol/L)
526	mxkp0004	Num	8	Max K+ 0-4 hrs (mmol/L)
527	mxkp0412	Num	8	Max K+ 4-12 hrs (mmol/L)
528	mxkp1224	Num	8	Max K+ 12-24 hrs (mmol/L)
529	mxkp2448	Num	8	Max K+ 24-48 hrs (mmol/L)
530	osmoFirst	Num	8	First osmolarity in ED/Hosp (mmOI/L)
531	osmoMaxDay1	Num	8	Highest osmolarity on day 1
532	osmoMaxDay2	Num	8	Highest osmolarity on day 2
533	osmoMaxDay3	Num	8	Highest osmolarity on day 3
534	osmoMaxDay4	Num	8	Highest osmolarity on day 4
535	Hproc	Num	8	Any major procedures?
536	procNum	Num	8	Total number of procedures
537	hpTrachNum	Num	8	Tracheostomy: number during hospitalization
538	hpTrachFirstDay	Num	8	Tracheostomy: day of first
539	hpTrachNum7d	Num	8	Tracheostomy: number through day 7
540	hpTrachNum28d	Num	8	Tracheostomy: number through day 28

Num	Variable	Type	Len	Label
541	hpLapNum	Num	8	Laparotomy: number during hospitalization
542	hpLapFirstDay	Num	8	Laparotomy: day of first
543	hpLapNum7d	Num	8	Laparotomy: number through day 7
544	hpLapNum28d	Num	8	Laparotomy: number through day 28
545	hpLapEntNum	Num	8	Laparotomy with enteric injury: number during hospitalization
546	hpLapEntFirstDay	Num	8	Laparotomy with enteric injury: day of first
547	hpLapEntNum7d	Num	8	Laparotomy with enteric injury: number through day 7
548	hpLapEntNum28d	Num	8	Laparotomy with enteric injury: number through day 28
549	hpThoraNum	Num	8	Thoracotomy/sternotomy/VATS: number during hospitalization
550	hpThoraFirstDay	Num	8	Thoracotomy/sternotomy/VATS: day of first
551	hpThoraNum7d	Num	8	Thoracotomy/sternotomy/VATS: number through day 7
552	hpThoraNum28d	Num	8	Thoracotomy/sternotomy/VATS: number through day 28
553	hpDrainNum	Num	8	Percutaneous drainage of empyema, lung abscess, intra-abdominal abscess: number during hospitalization
554	hpDrainFirstDay	Num	8	Percutaneous drainage of empyema, lung abscess, intra-abdominal abscess: day of first
555	hpDrainNum7d	Num	8	Percutaneous drainage of empyema, lung abscess, intra-abdominal abscess: number through day 7
556	hpDrainNum28d	Num	8	Percutaneous drainage of empyema, lung abscess, intra-abdominal abscess: number through day 28
557	hpVascNum	Num	8	Peripheral vascular: number during hospitalization
558	hpVascFirstDay	Num	8	Peripheral vascular: day of first
559	hpVascNum7d	Num	8	Peripheral vascular: number through day 7
560	hpVascNum28d	Num	8	Peripheral vascular: number through day 28
561	hpFracNum	Num	8	Open fixation of fracture: number during hospitalization
562	hpFracFirstDay	Num	8	Open fixation of fracture: day of first
563	hpFracNum7d	Num	8	Open fixation of fracture: number through day 7
564	hpFracNum28d	Num	8	Open fixation of fracture: number through day 28
565	hpCranioNum	Num	8	Craniotomy: number during hospitalization
566	hpCranioFirstDay	Num	8	Craniotomy: day of first
567	hpCranioNum7d	Num	8	Craniotomy: number through day 7
568	hpCranioNum28d	Num	8	Craniotomy: number through day 28
569	hpNeckNum	Num	8	Neck exploration: number during hospitalization
570	hpNeckFirstDay	Num	8	Neck exploration: day of first
571	hpNeckNum7d	Num	8	Neck exploration: number through day 7
572	hpNeckNum28d	Num	8	Neck exploration: number through day 28
573	hpAngioNum	Num	8	Angiographic control of hemorrhage: number during hospitalization
574	hpAngioFirstDay	Num	8	Angiographic control of hemorrhage: day of first
575	hpAngioNum7d	Num	8	Angiographic control of hemorrhage: number through day 7
576	hpAngioNum28d	Num	8	Angiographic control of hemorrhage: number through day 28

Num	Variable	Type	Len	Label
577	Infect	Num	8	Infection?
578	Pneudx	Num	8	Pneumonia diagnosis method
579	infectNum	Num	8	Total number of infections
580	hiPneuNum	Num	8	Pneumonia: number during hospitalization
581	hiPneuFirstDay	Num	8	Pneumonia: day of first
582	hiPneuNum7d	Num	8	Pneumonia: number through day 7
583	hiPneuNum28d	Num	8	Pneumonia: number through day 28
584	hiBloodNum	Num	8	Bloodstream infection: number during hospitalization
585	hiBloodFirstDay	Num	8	Bloodstream infection: day of first
586	hiBloodNum7d	Num	8	Bloodstream infection: number through day 7
587	hiBloodNum28d	Num	8	Bloodstream infection: number through day 28
588	hiUtiNum	Num	8	UTI: number during hospitalization
589	hiUtiFirstDay	Num	8	UTI: day of first
590	hiUtiNum7d	Num	8	UTI: number through day 7
591	hiUtiNum28d	Num	8	UTI: number through day 28
592	hiMeninNum	Num	8	Meningitis: number during hospitalization
593	hiMeninFirstDay	Num	8	Meningitis: day of first
594	hiMeninNum7d	Num	8	Meningitis: number through day 7
595	hiMeninNum28d	Num	8	Meningitis: number through day 28
596	hiCholecNum	Num	8	Cholecystitis: number during hospitalization
597	hiCholecFirstDay	Num	8	Cholecystitis: day of first
598	hiCholecNum7d	Num	8	Cholecystitis: number through day 7
599	hiCholecNum28d	Num	8	Cholecystitis: number through day 28
600	hiEmpyNum	Num	8	Empyema: number during hospitalization
601	hiEmpyFirstDay	Num	8	Empyema: day of first
602	hiEmpyNum7d	Num	8	Empyema: number through day 7
603	hiEmpyNum28d	Num	8	Empyema: number through day 28
604	hiPseudoColNum	Num	8	Pseudomembranous colitis: number during hospitalization
605	hiPseudoColFirstDay	Num	8	Pseudomembranous colitis: day of first
606	hiPseudoColNum7d	Num	8	Pseudomembranous colitis: number through day 7
607	hiPseudoColNum28d	Num	8	Pseudomembranous colitis: number through day 28
608	hiLineNum	Num	8	Line infection: number during hospitalization
609	hiLineFirstDay	Num	8	Line infection: day of first
610	hiLineNum7d	Num	8	Line infection: number through day 7
611	hiLineNum28d	Num	8	Line infection: number through day 28
612	hiWoundNum	Num	8	Wound infection: number during hospitalization
613	hiWoundFirstDay	Num	8	Wound infection: day of first
614	hiWoundNum7d	Num	8	Wound infection: number through day 7
615	hiWoundNum28d	Num	8	Wound infection: number through day 28

Num	Variable	Type	Len	Label
616	hiAbdomNum	Num	8	Intra-abdominal abscess: number during hospitalization
617	hiAbdomFirstDay	Num	8	Intra-abdominal abscess: day of first
618	hiAbdomNum7d	Num	8	Intra-abdominal abscess: number through day 7
619	hiAbdomNum28d	Num	8	Intra-abdominal abscess: number through day 28
620	hiOsteoNum	Num	8	Osteomyelitis: number during hospitalization
621	hiOsteoFirstDay	Num	8	Osteomyelitis: day of first
622	hiOsteoNum7d	Num	8	Osteomyelitis: number through day 7
623	hiOsteoNum28d	Num	8	Osteomyelitis: number through day 28
624	Nicomp	Num	8	Any non-infectious complication?
625	compNum	Num	8	Total number of non-infectious complications
626	hcFesNum	Num	8	Fat embolism syndrome: number during hospitalization
627	hcFesFirstDay	Num	8	Fat embolism syndrome: day of first
628	hcFesNum7d	Num	8	Fat embolism syndrome: number through day 7
629	hcFesNum28d	Num	8	Fat embolism syndrome: number through day 28
630	hcCaNum	Num	8	Cardiac arrest: number during hospitalization
631	hcCaFirstDay	Num	8	Cardiac arrest: day of first
632	hcCaNum7d	Num	8	Cardiac arrest: number through day 7
633	hcCaNum28d	Num	8	Cardiac arrest: number through day 28
634	hcMiNum	Num	8	Myocardial infarction: number during hospitalization
635	hcMiFirstDay	Num	8	Myocardial infarction: day of first
636	hcMiNum7d	Num	8	Myocardial infarction: number through day 7
637	hcMiNum28d	Num	8	Myocardial infarction: number through day 28
638	hcCiNum	Num	8	Cerebral infarction: number during hospitalization
639	hcCiFirstDay	Num	8	Cerebral infarction: day of first
640	hcCiNum7d	Num	8	Cerebral infarction: number through day 7
641	hcCiNum28d	Num	8	Cerebral infarction: number through day 28
642	hcDvtNum	Num	8	Deep vein thrombosis (DVT): number during hospitalization
643	hcDvtFirstDay	Num	8	Deep vein thrombosis (DVT): day of first
644	hcDvtNum7d	Num	8	Deep vein thrombosis (DVT): number through day 7
645	hcDvtNum28d	Num	8	Deep vein thrombosis (DVT): number through day 28
646	hcPeNum	Num	8	Pulmonary embolus: number during hospitalization
647	hcPeFirstDay	Num	8	Pulmonary embolus: day of first
648	hcPeNum7d	Num	8	Pulmonary embolus: number through day 7
649	hcPeNum28d	Num	8	Pulmonary embolus: number through day 28
650	hcAcsNum	Num	8	Abdominal compartment syndrome: number during hospitalization
651	hcAcsFirstDay	Num	8	Abdominal compartment syndrome: day of first
652	hcAcsNum7d	Num	8	Abdominal compartment syndrome: number through day 7
653	hcAcsNum28d	Num	8	Abdominal compartment syndrome: number through day 28
654	hcEcsNum	Num	8	Extremity compartment syndrome: number during hospitalization

Num	Variable	Type	Len	Label
655	hcEcsFirstDay	Num	8	Extremity compartment syndrome: day of first
656	hcEcsNum7d	Num	8	Extremity compartment syndrome: number through day 7
657	hcEcsNum28d	Num	8	Extremity compartment syndrome: number through day 28
658	hcOthNum	Num	8	Other complication: number during hospitalization
659	hcOthFirstDay	Num	8	Other complication: day of first
660	hcOthNum7d	Num	8	Other complication: number through day 7
661	hcOthNum28d	Num	8	Other complication: number through day 28
662	hdisp	Num	8	Hospital discharge status
663	hdthlc	Num	8	Place of death
664	hpdthc	Num	8	Primary cause of death
665	hsdthc	Num	8	Secondary cause of death
666	hosplos	Num	8	Elapsed days from hospital Admit to Hospital Discharge/Death/Transfer
667	icuday	Num	8	Total ICU days
668	carewd	Num	8	Was care withdrawn prior to death?
669	wdcns	Num	8	Care withdrawn because of CNS issues (e.g. brain death)
670	wdorgn	Num	8	Care withdrawn because of organ failure
671	wdothr	Num	8	Care withdrawn for other reason
672	hadvev	Num	8	Were any adverse events uncovered during the hospitalization?

Data Set Name: elec.sas7bdat

Num	Variable	Type	Len	Label
1	hsid	Num	8	Public-use HS patient ID
2	tmelec	Num	8	Hours from first ED admit to electrolyte recording
3	na	Num	8	Sodium (Na) (mmol/L)
4	nand	Num	8	Indication of whether the measure was not available or not recorded
5	cl	Num	8	Chloride (Cl) (mmol/L)
6	clnd	Num	8	Indication of whether the measure was not available or not recorded
7	kp	Num	8	Potassium (K+) (mmol/L)
8	kpnd	Num	8	Indication of whether the measure was not available or not recorded
9	nasrc	Num	8	Source of the sodium measurement

Data Set Name: hospcomp.sas7bdat

Num	Variable	Type	Len	Label
1	hsid	Num	8	Public-use HS patient ID
2	compDay	Num	8	Day number relative to episode of non-infectious complication
3	compCode	Num	8	Complication code

Data Set Name: hospinfect.sas7bdat

Num	Variable	Type	Len	Label
1	hsid	Num	8	Public-use HS patient ID
2	infectDay	Num	8	Day number relative to episode date of the infection
3	infectCode	Num	8	Location of infection

Data Set Name: hospproc.sas7bdat

Num	Variable	Type	Len	Label
1	hsid	Num	8	Public-use HS patient ID
2	procDay	Num	8	Day number relative to episode date of the procedure
3	procCode	Num	8	Procedure code

Data Set Name: ms.sas7bdat

Num	Variable	Type	Len	Label
1	hsid	Num	8	Public-use HS patient ID
2	pdisp	Num	8	Pre-hospital disposition
3	randGrp	Num	8	Randomization Group
4	ms_gose6m	Num	8	6-month GOSE (no imputations)
5	ms_diedInFld	Num	8	Died in field or en route
6	ms_diedInFldOrEd	Num	8	Died in field, en route, or in ED
7	ms_diedInFldOrEdOrHspLe6h	Num	8	Died in field, en route, in ED, or within 6 hours
8	ms_surv28d	Num	8	28-day survival
9	ms_surv6h	Num	8	6-hour survival
10	ms_surv24h	Num	8	24-hour survival
11	ms_dischargedAlive	Num	8	Discharged alive?
12	ms_headct1	Num	8	Marshall score for first head CT
13	ms_maxNa0to4	Num	8	Maximum serum sodium (mEq/L) in 0-4 hours
14	ms_maxNa4to12	Num	8	Maximum serum sodium (mEq/L) in 4-12 hours
15	ms_maxNa12to24	Num	8	Maximum serum sodium (mEq/L) in 12-24 hours
16	ms_ooicu	Num	8	Days alive out of ICU through day 28
17	ms_oohosp	Num	8	Days alive out of hospital through day 28
18	ms_offvent	Num	8	Ventilator-free days to day 28
19	ms_ardsFreeSurv	Num	8	ARDS-free survival to day 28
20	ms_modScoreMeth2	Num	8	Worst MOD score to day 28
21	ms_saeHypnat	Num	8	Hypernatremia (Na > 160 mEq/L) requiring intervention?
22	ms_saeIchemr	Num	8	Increased intracranial hemorrhage on serial head CT? (TBI method)
23	ms_icpmonitor	Num	8	Had ICP monitoring?
24	ms_openicp	Num	8	Opening ICP (mmHg)
25	ms_initcpp	Num	8	Initial CPP (mmHg)
26	ms_hiicp12h	Num	8	Highest ICP in the first 12 hours
27	ms_hrsicpover25_12h	Num	8	Number of hours in the first 12 hours with ICP > 25
28	ms_hrscppunder60_12h	Num	8	Number of hours in the first 12 hours with CPP < 60
29	ms_totmann12h	Num	8	Total mannitol (gm/kg) in the first 12 hours
30	ms_shock	Num	8	In the shock analysis population?
31	ms_tbi	Num	8	In the the TBI analysis population?
32	ms_age	Num	8	Calculated age
33	ms_male	Num	8	Male gender?
34	ms_blnt	Num	8	Blunt or blunt/penetrating injury
35	ms_pen	Num	8	Penetrating only injury
36	ms_qsbp	Num	8	Qualifying SBP (mmHg)

Num	Variable	Type	Len	Label
37	ms_qhr	Num	8	Qualifying HR (beats/min) if SBP between 71-90
38	ms_pgcs	Num	8	Pre-hospital GCS
39	ms_iss	Num	8	Injury severity score (ISS)
40	ms_maxHead	Num	8	Maximum head AIS severity (TBI)
41	ms_maxHeadNeck	Num	8	Maximum AIS severity for head/neck injuries (shock)
42	ms_maxChest	Num	8	Maximum AIS severity for chest injuries
43	ms_maxAbdomen	Num	8	Maximum AIS severity for abdominal injuries
44	ms_maxExtremity	Num	8	Maximum AIS severity for injuries to the extremities
45	ms_niss	Num	8	New Injury Severity Score (NISS)
46	ms_rts	Num	8	Revised Trauma Score (RTS)
47	ms_triss	Num	8	Trauma Injury Severity Score (TRISS)
48	ms_maxHead1	Num	8	Maximum head AIS severity is 1?
49	ms_maxHead2	Num	8	Maximum head AIS severity is 2?
50	ms_maxHead3	Num	8	Maximum head AIS severity is 3?
51	ms_maxHead4	Num	8	Maximum head AIS severity is 4?
52	ms_maxHead5	Num	8	Maximum head AIS severity is 5?
53	ms_maxHead6	Num	8	Maximum head AIS severity is 6?
54	ms_head9	Num	8	Has NFS head injury?
55	ms_air_success	Num	8	Successful placement of advanced airway?
56	ms_timeToFluid	Num	8	Time from 911 call to fluid administration (minutes)
57	ms_air	Num	8	Air transport?
58	ms_prehospTime	Num	8	Total pre-hospital time (911 call to ED admit) in minutes
59	ms_prehospFluids	Num	8	Pre-hospital fluids (L)
60	ms_admSbp	Num	8	Admission SBP (mmHg)
61	ms_admNa	Num	8	Admission serum sodium (mEq/L)
62	ms_admHgb	Num	8	Admission hemoglobin (g/dL)
63	ms_admInr	Num	8	Admission INR
64	ms_admGcs	Num	8	Admission GCS
65	ms_prbc	Num	8	PRBC in first 24 hours since 911 call
66	ms_prbc0	Num	8	In 0 PRBC group?
67	ms_prbc1to9	Num	8	In 1-9 unit PRBC group?
68	ms_prbc10plus	Num	8	In 10+ unit PRBC group?
69	ms_prbccat	Num	8	PRBC category (1 => 0 units, 2 => 1-9 units, 3 => 10+ units
70	ms_infect	Num	8	Nosocomial infection through discharge/day 28 (TBI method)?
71	ms_pneu	Num	8	Pneumonia through discharge/day 28 (TBI method)?
72	ms_bsi	Num	8	Blood stream infection through discharge/day 28 (TBI method)?
73	ms_uti	Num	8	Urinary tract infection through discharge/day 28 (TBI method)?
74	ms_wi	Num	8	Wound infection through discharge/day 28 (TBI method)?
75	ms_infect2	Num	8	Nosocomial infection through discharge (Shock method)?

Num	Variable	Type	Len	Label
76	ms_pneu2	Num	8	Pneumonia through discharge (Shock method)?
77	ms_bsi2	Num	8	Blood stream infection through discharge (Shock method)?
78	ms_uti2	Num	8	Urinary tract infection through discharge (Shock method)?
79	ms_wi2	Num	8	Wound infection through discharge (Shock method)?
80	ms_fluid24	Num	8	Total fluids first 24 hours since 911 call
81	ms_over145_0to4	Num	8	Serum sodium > 145 mEq/L in 0-4 hours
82	ms_over145_4to12	Num	8	Serum sodium > 145 mEq/L in 4-12 hours
83	ms_over145_12to24	Num	8	Serum sodium > 145 mEq/L in 12-24 hours
84	ms_saeIchemr2	Num	8	Increased intracranial hemorrhage on serial head CT? (shock method)
85	ms_admSbpLe90	Num	8	Admission SBP <= 90 mmHg?
86	ms_hospAdmitted	Num	8	Admitted to the ED
87	ms_peDeath	Num	8	Discharge disposition is death (post-PH population)?
88	ms_peHome	Num	8	Discharge disposition is home (post-PH population)?
89	ms_peInpatRehab	Num	8	Discharge disposition is inpatient rehabilitation (post-PH population)?
90	ms_peSnf	Num	8	Discharge disposition is skilled nursing facility (post-PH population)?
91	ms_metacid	Num	8	Metabolic acidosis (based on lactate only, base-deficit not available)
92	ms_angioCtrl	Num	8	Required emergent hemorrhage control (calculated)?
93	ms_infect28Death	Num	8	Nosocomial infection or death within 28 days?
94	ms_seiz24h	Num	8	Had a seizure within 24 hours
95	ms_hypvent24h	Num	8	Hyperventilation in the first 24 hours?
96	ms_ventric24h	Num	8	Ventriculostomy in the first 24 hours?
97	ms_craniot24h	Num	8	Craniotomy in the first 24 hours?
98	ms_hypvent5d	Num	8	Hyperventilation in the first 5 days?
99	ms_ventric5d	Num	8	Ventriculostomy in the first 5 days?
100	ms_craniot5d	Num	8	Craniotomy in the first 5 days?
101	ms_ohf5d	Num	8	Additional hypertonic fluids within first 5 days?
102	ms_mann5d	Num	8	Mannitol use within first 5 days?
103	ms_gose6mle4	Num	8	6-month GOSE <= 4 (no imputations)

Data Set Name: tbigosedrsimp.sas7bdat

Num	Variable	Type	Len	Label
1	hsid	Num	8	Public-use HS patient ID
2	gose6m	Num	8	GOSE (6-month)
3	gose6m5	Num	8	GOSE (6-month) >= 5
4	drs6m	Num	8	DRS (6-month)
5	gose6mimp	Num	8	6-month GOSE imputed?
6	gose6m5imp	Num	8	Dichotomous 6-month GOSE imputed?
7	drs6mimp	Num	8	6-month DRS imputed?
8	gose6mcalc1	Num	8	Calculated 6-month GOSE: rep 1
9	gose6mcalc2	Num	8	Calculated 6-month GOSE: rep 2
10	gose6mcalc3	Num	8	Calculated 6-month GOSE: rep 3
11	gose6mcalc4	Num	8	Calculated 6-month GOSE: rep 4
12	gose6mcalc5	Num	8	Calculated 6-month GOSE: rep 5
13	gose6mcalc6	Num	8	Calculated 6-month GOSE: rep 6
14	gose6mcalc7	Num	8	Calculated 6-month GOSE: rep 7
15	gose6mcalc8	Num	8	Calculated 6-month GOSE: rep 8
16	gose6mcalc9	Num	8	Calculated 6-month GOSE: rep 9
17	gose6mcalc10	Num	8	Calculated 6-month GOSE: rep 10
18	gose6mcalc11	Num	8	Calculated 6-month GOSE: rep 11
19	gose6mcalc12	Num	8	Calculated 6-month GOSE: rep 12
20	gose6mcalc13	Num	8	Calculated 6-month GOSE: rep 13
21	gose6mcalc14	Num	8	Calculated 6-month GOSE: rep 14
22	gose6mcalc15	Num	8	Calculated 6-month GOSE: rep 15
23	gose6mcalc16	Num	8	Calculated 6-month GOSE: rep 16
24	gose6mcalc17	Num	8	Calculated 6-month GOSE: rep 17
25	gose6mcalc18	Num	8	Calculated 6-month GOSE: rep 18
26	gose6mcalc19	Num	8	Calculated 6-month GOSE: rep 19
27	gose6mcalc20	Num	8	Calculated 6-month GOSE: rep 20
28	gose6m5calc1	Num	8	Calculated dichotomous 6-month GOSE: rep 1
29	gose6m5calc2	Num	8	Calculated dichotomous 6-month GOSE: rep 2
30	gose6m5calc3	Num	8	Calculated dichotomous 6-month GOSE: rep 3
31	gose6m5calc4	Num	8	Calculated dichotomous 6-month GOSE: rep 4
32	gose6m5calc5	Num	8	Calculated dichotomous 6-month GOSE: rep 5
33	gose6m5calc6	Num	8	Calculated dichotomous 6-month GOSE: rep 6
34	gose6m5calc7	Num	8	Calculated dichotomous 6-month GOSE: rep 7
35	gose6m5calc8	Num	8	Calculated dichotomous 6-month GOSE: rep 8
36	gose6m5calc9	Num	8	Calculated dichotomous 6-month GOSE: rep 9

Num	Variable	Type	Len	Label
37	gose6m5calc10	Num	8	Calculated dichotomous 6-month GOSE: rep 10
38	gose6m5calc11	Num	8	Calculated dichotomous 6-month GOSE: rep 11
39	gose6m5calc12	Num	8	Calculated dichotomous 6-month GOSE: rep 12
40	gose6m5calc13	Num	8	Calculated dichotomous 6-month GOSE: rep 13
41	gose6m5calc14	Num	8	Calculated dichotomous 6-month GOSE: rep 14
42	gose6m5calc15	Num	8	Calculated dichotomous 6-month GOSE: rep 15
43	gose6m5calc16	Num	8	Calculated dichotomous 6-month GOSE: rep 16
44	gose6m5calc17	Num	8	Calculated dichotomous 6-month GOSE: rep 17
45	gose6m5calc18	Num	8	Calculated dichotomous 6-month GOSE: rep 18
46	gose6m5calc19	Num	8	Calculated dichotomous 6-month GOSE: rep 19
47	gose6m5calc20	Num	8	Calculated dichotomous 6-month GOSE: rep 20
48	drs6mcalc1	Num	8	Calculated 6-month DRS: rep 1
49	drs6mcalc2	Num	8	Calculated 6-month DRS: rep 2
50	drs6mcalc3	Num	8	Calculated 6-month DRS: rep 3
51	drs6mcalc4	Num	8	Calculated 6-month DRS: rep 4
52	drs6mcalc5	Num	8	Calculated 6-month DRS: rep 5
53	drs6mcalc6	Num	8	Calculated 6-month DRS: rep 6
54	drs6mcalc7	Num	8	Calculated 6-month DRS: rep 7
55	drs6mcalc8	Num	8	Calculated 6-month DRS: rep 8
56	drs6mcalc9	Num	8	Calculated 6-month DRS: rep 9
57	drs6mcalc10	Num	8	Calculated 6-month DRS: rep 10
58	drs6mcalc11	Num	8	Calculated 6-month DRS: rep 11
59	drs6mcalc12	Num	8	Calculated 6-month DRS: rep 12
60	drs6mcalc13	Num	8	Calculated 6-month DRS: rep 13
61	drs6mcalc14	Num	8	Calculated 6-month DRS: rep 14
62	drs6mcalc15	Num	8	Calculated 6-month DRS: rep 15
63	drs6mcalc16	Num	8	Calculated 6-month DRS: rep 16
64	drs6mcalc17	Num	8	Calculated 6-month DRS: rep 17
65	drs6mcalc18	Num	8	Calculated 6-month DRS: rep 18
66	drs6mcalc19	Num	8	Calculated 6-month DRS: rep 19
67	drs6mcalc20	Num	8	Calculated 6-month DRS: rep 20

Data Set Name: tbiout.sas7bdat

Num	Variable	Type	Len	Label
1	hsid	Num	8	Public-use HS patient ID
2	tbitype	Num	8	TBI outcome interview period
3	disctointer	Num	8	Days from hospital discharge to TBI outcome interview
4	pstinj	Num	8	Interval post injury
5	rspndt	Num	8	Respondent
6	cargvr	Num	8	Caregiver
7	reswrd	Num	8	Able to obey simple commands or say any words?
8	opneye	Num	8	Patient open eyes?
9	speech	Num	8	Communication ability
10	motor	Num	8	Best motor response?
11	astdly	Num	8	Assistance of another person at home essential every day?
12	astfrq	Num	8	Require frequent help or someone to be aroudn the home most of the time?
13	astpre	Num	8	Assistance at home required before the injury?
14	cgfeed	Num	8	Cognitive ability to feed him/herself
15	cgbath	Num	8	Cognitive ability to use the toilet
16	cgdres	Num	8	Cognitive ability to groom and dress
17	indpnd	Num	8	Current level of functioning
18	shpind	Num	8	Shop w/o assistance?
19	shppre	Num	8	Shop w/o assistance prior to injury?
20	trvind	Num	8	Travel locally w/o assistance?
21	trvpre	Num	8	Travel locally w/o assistance prior to injury?
22	workng	Num	8	Working at previous capacity?
23	wrkrst	Num	8	How restricted in work capacity?
24	wrkdre	Num	8	Work status prior to injury
25	resact	Num	8	Able to resume regular social and leisure activities outside the home?
26	rstact	Num	8	Extent of restriction on social and leisure activity
27	actpre	Num	8	Engaged in regular social and leisure activities outside the home prior to injury?
28	psydis	Num	8	Psychological problems which resulted in ongoing disruption to family or friendships?
29	amtdis	Num	8	Extent of family/friendship disruption
30	psypre	Num	8	Problems with family/friends prior to the injury?
31	othprb	Num	8	Other current problems related to the injury?
32	prbpre	Num	8	Were similar problems present before the injury?
33	ocimp	Num	8	What do you feel has had the greatest impact on outcome following the injury?
34	hrswpt	Num	8	Hours spent with patient per day
35	gose5	Num	8	GOSE >= 5
36	gose	Num	8	Glasgow Outcome Scale Extended

Num	Variable	Type	Len	Label
37	drs	Num	8	Disability Rating Scale

Data Set Name: trtih.sas7bdat

Num	Variable	Type	Len	Label
1	hsid	Num	8	Public-use HS patient ID
2	trtno	Num	8	Treatment number
3	ssmbday	Num	8	Day number relative to episode of treatment start
4	ssmtx	Num	8	Treatment