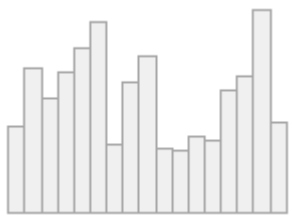
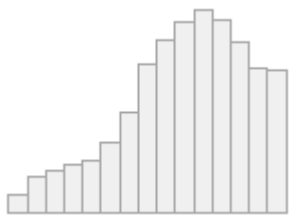
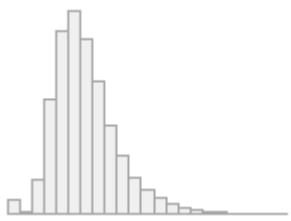
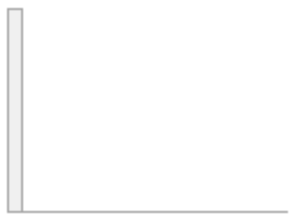
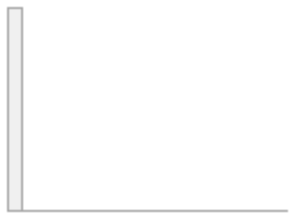
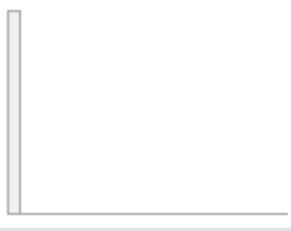
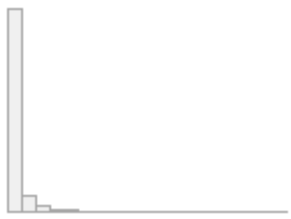
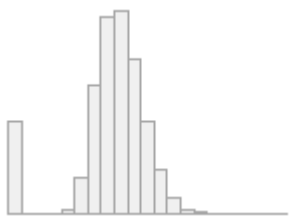
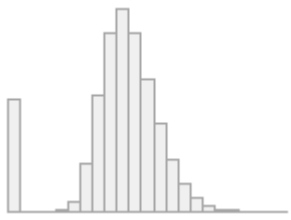
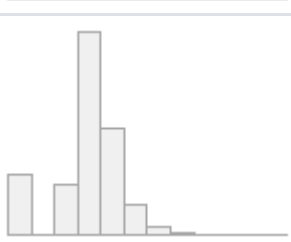
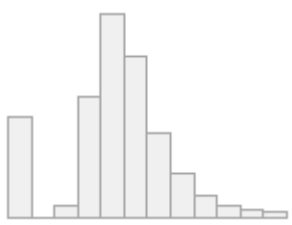
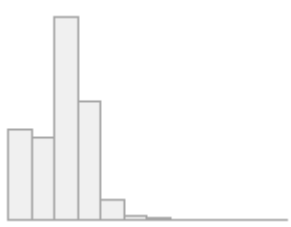
Data Frame Summary

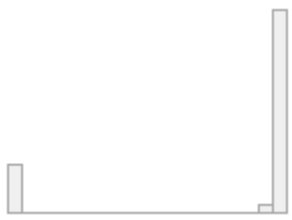
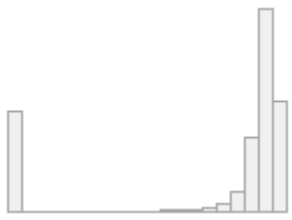
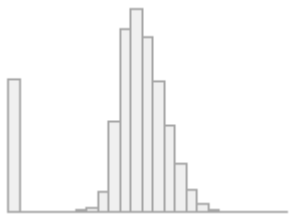
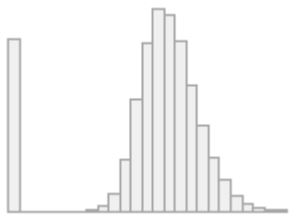
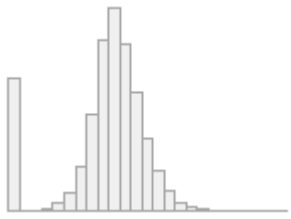
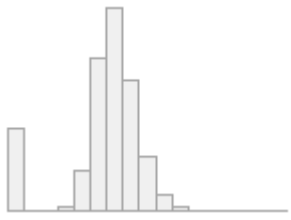
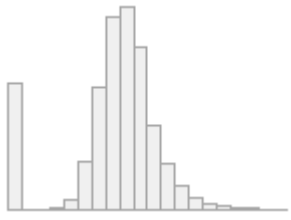
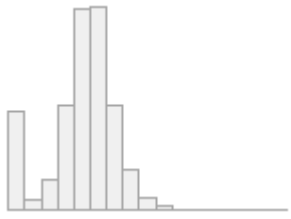
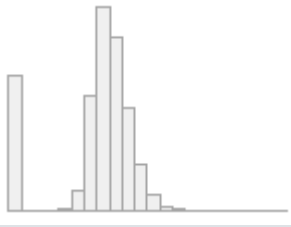
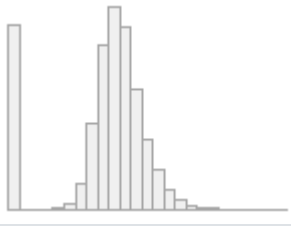
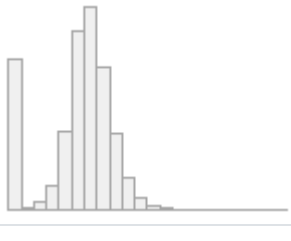
final_df_selected

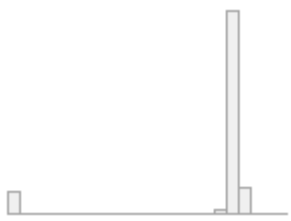
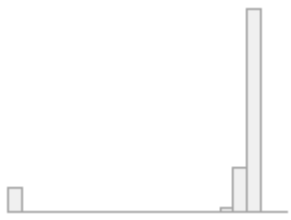
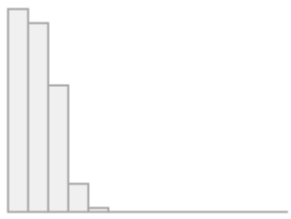
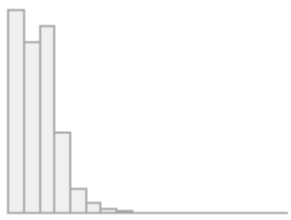
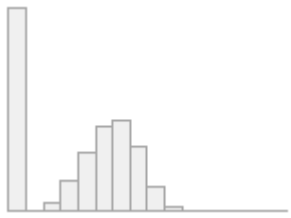
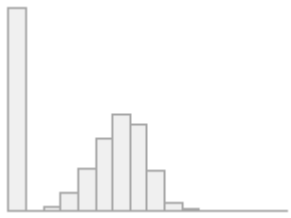
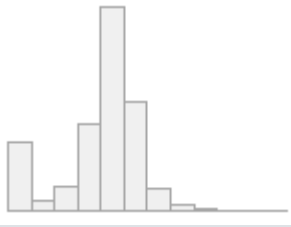
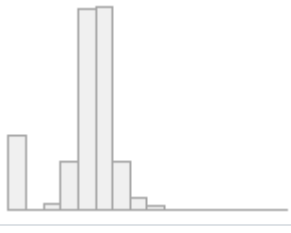
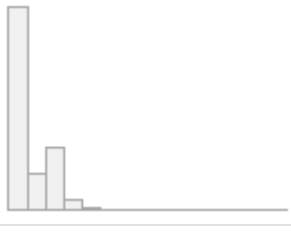
Dimensions: 200468 x 94
Duplicates: 0

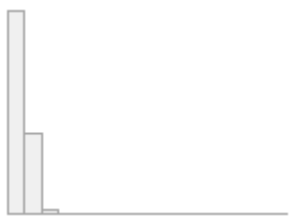
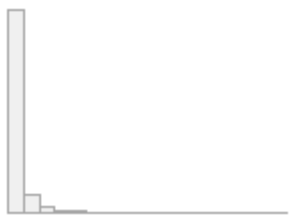
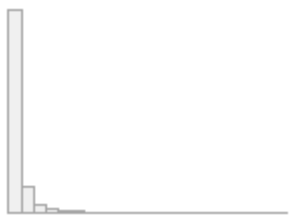
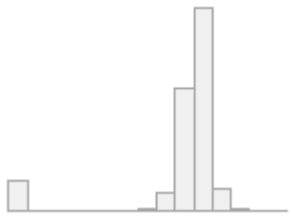
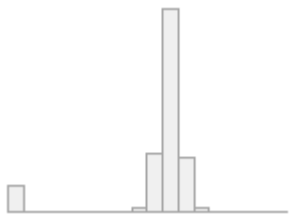
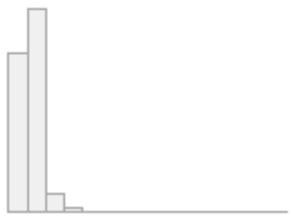
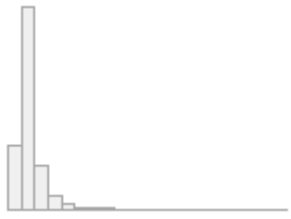
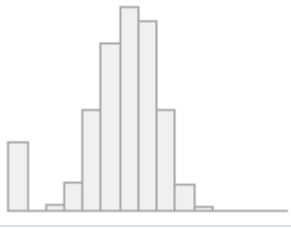
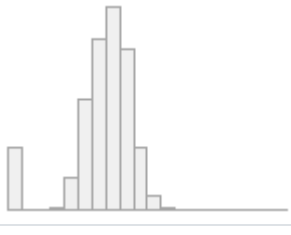
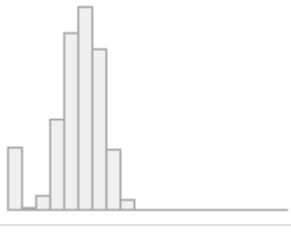
No	Variable	Stats / Values	Freqs (% of Valid)	Graph	Valid	Missing
1	patientunitstayid [integer]	Mean (sd) : 1673607 (999487.6) min ≤ med ≤ max: 141168 ≤ 1579016 ≤ 3353263 IQR (CV) : 1864448 (0.6)	200468 distinct values		200468 (100.0%)	0 (0.0%)
2	age_numeric [numeric]	Mean (sd) : 63.2 (17.1) min ≤ med ≤ max: 17 ≤ 65 ≤ 90 IQR (CV) : 23 (0.3)	74 distinct values		200468 (100.0%)	0 (0.0%)
3	gender [factor]	1. male 2. female 3. Unknown	108228 (54.0%) 92152 (46.0%) 88 (0.0%)		200468 (100.0%)	0 (0.0%)
4	icu_mortality_72hrs [factor]	1. Expired 2. Alived 3. Unknown	2652 (1.3%) 145685 (72.7%) 52131 (26.0%)		200468 (100.0%)	0 (0.0%)
5	max_apachescore [integer]	Mean (sd) : 54.8 (26.1) min ≤ med ≤ max: -1 ≤ 51 ≤ 211 IQR (CV) : 31 (0.5)	200 distinct values		148337 (74.0%)	52131 (26.0%)
6	icu_los_hours [numeric]	Mean (sd) : 64.4 (104) min ≤ med ≤ max: -128 ≤ 38 ≤ 12153 IQR (CV) : 51 (1.6)	1067 distinct values		200468 (100.0%)	0 (0.0%)
7	norepinephrine_mean [numeric]	Mean (sd) : 0 (0) min ≤ med ≤ max: 0 ≤ 0 ≤ 1 IQR (CV) : 0 (5.2)	182 distinct values		200468 (100.0%)	0 (0.0%)
8	norepinephrine_max [numeric]	Min : 0 Mean : 0.1 Max : 1	0 : 187485 (93.5%) 1 : 12983 (6.5%)		200468 (100.0%)	0 (0.0%)
9	norepinephrine_min [numeric]	Min : 0 Mean : 0 Max : 1	0 : 200435 (100.0%) 1 : 33 (0.0%)		200468 (100.0%)	0 (0.0%)
10	epinephrine_mean [numeric]	Mean (sd) : 0 (0) min ≤ med ≤ max: 0 ≤ 0 ≤ 1 IQR (CV) : 0 (11.8)	143 distinct values		200468 (100.0%)	0 (0.0%)
11	epinephrine_max [numeric]	Min : 0 Mean : 0 Max : 1	0 : 197391 (98.5%) 1 : 3077 (1.5%)		200468 (100.0%)	0 (0.0%)
12	epinephrine_min [numeric]	Min : 0 Mean : 0 Max : 1	0 : 200457 (100.0%) 1 : 11 (0.0%)		200468 (100.0%)	0 (0.0%)

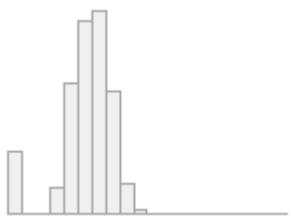
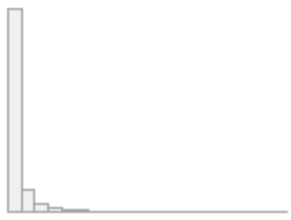
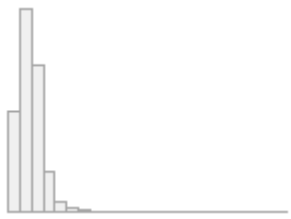
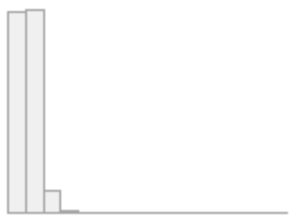
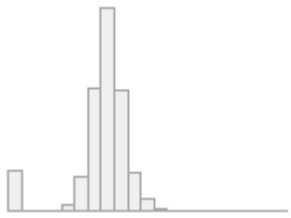
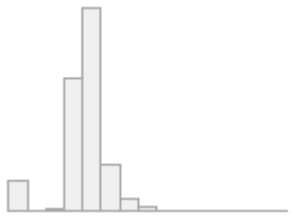
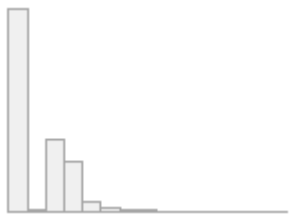
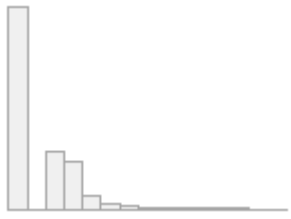
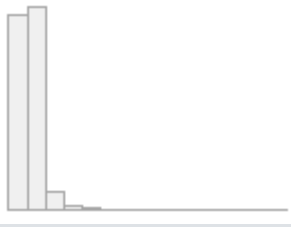
No	Variable	Stats / Values	Freqs (% of Valid)	Graph	Valid	Missing
13	dopamine_mean [numeric]	Mean (sd) : 0 (0) min ≤ med ≤ max: 0 ≤ 0 ≤ 1 IQR (CV) : 0 (13.1)	112 distinct values		200468 (100.0%)	0 (0.0%)
14	dopamine_max [numeric]	Min : 0 Mean : 0 Max : 1	0 : 198106 (98.8%) 1 : 2362 (1.2%)		200468 (100.0%)	0 (0.0%)
15	dopamine_min [numeric]	Min : 0 Mean : 0 Max : 1	0 : 200456 (100.0%) 1 : 12 (0.0%)		200468 (100.0%)	0 (0.0%)
16	dobutamine_mean [numeric]	Mean (sd) : 0 (0) min ≤ med ≤ max: 0 ≤ 0 ≤ 1 IQR (CV) : 0 (17.3)	105 distinct values		200468 (100.0%)	0 (0.0%)
17	dobutamine_max [numeric]	Min : 0 Mean : 0 Max : 1	0 : 198891 (99.2%) 1 : 1577 (0.8%)		200468 (100.0%)	0 (0.0%)
18	dobutamine_min [numeric]	Min : 0 Mean : 0 Max : 1	0 : 200462 (100.0%) 1 : 6 (0.0%)		200468 (100.0%)	0 (0.0%)
19	phenylephrine_mean [numeric]	Mean (sd) : 0 (0) min ≤ med ≤ max: 0 ≤ 0 ≤ 1 IQR (CV) : 0 (9)	200 distinct values		200468 (100.0%)	0 (0.0%)
20	phenylephrine_max [numeric]	Min : 0 Mean : 0 Max : 1	0 : 195806 (97.7%) 1 : 4662 (2.3%)		200468 (100.0%)	0 (0.0%)
21	phenylephrine_min [numeric]	Min : 0 Mean : 0 Max : 1	0 : 200455 (100.0%) 1 : 13 (0.0%)		200468 (100.0%)	0 (0.0%)
22	vasopressin_mean [numeric]	Mean (sd) : 0 (0) min ≤ med ≤ max: 0 ≤ 0 ≤ 1 IQR (CV) : 0 (10.4)	109 distinct values		200468 (100.0%)	0 (0.0%)
23	vasopressin_max [numeric]	Min : 0 Mean : 0 Max : 1	0 : 197215 (98.4%) 1 : 3253 (1.6%)		200468 (100.0%)	0 (0.0%)
24	vasopressin_min [numeric]	Min : 0 Mean : 0 Max : 1	0 : 200465 (100.0%) 1 : 3 (0.0%)		200468 (100.0%)	0 (0.0%)
25	milrinone_mean [numeric]	Mean (sd) : 0 (0) min ≤ med ≤ max: 0 ≤ 0 ≤ 0.5 IQR (CV) : 0 (21.5)	84 distinct values		200468 (100.0%)	0 (0.0%)
26	milrinone_max [numeric]	Min : 0 Mean : 0 Max : 1	0 : 199693 (99.6%) 1 : 775 (0.4%)		200468 (100.0%)	0 (0.0%)

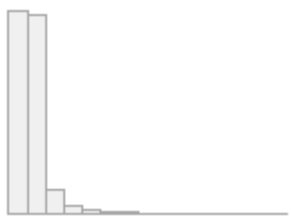
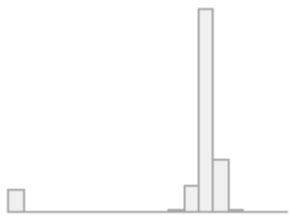
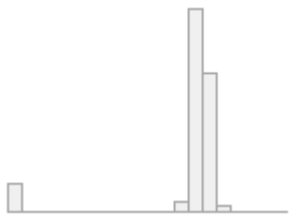
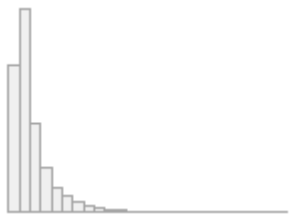
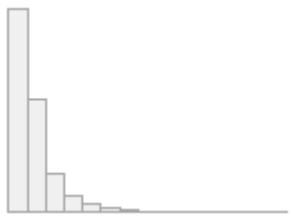
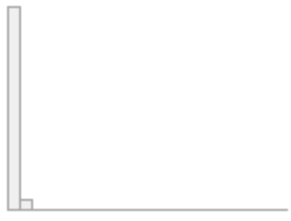
No	Variable	Stats / Values	Freqs (% of Valid)	Graph	Valid	Missing
27	milrinone_min [numeric]	1 distinct value	0 : 200468 (100.0%)		200468 (100.0%)	0 (0.0%)
28	heparin_mean [numeric]	Mean (sd) : 0 (0.1) min ≤ med ≤ max: 0 ≤ 0 ≤ 1 IQR (CV) : 0 (3.4)	204 distinct values		200468 (100.0%)	0 (0.0%)
29	heparin_max [numeric]	Min : 0 Mean : 0.1 Max : 1	0 : 170802 (85.2%) 1 : 29666 (14.8%)		200468 (100.0%)	0 (0.0%)
30	heparin_min [numeric]	Min : 0 Mean : 0 Max : 1	0 : 200322 (99.9%) 1 : 146 (0.1%)		200468 (100.0%)	0 (0.0%)
31	warfarin_mean [numeric]	Mean (sd) : 0 (0) min ≤ med ≤ max: 0 ≤ 0 ≤ 1 IQR (CV) : 0 (8.9)	115 distinct values		200468 (100.0%)	0 (0.0%)
32	warfarin_max [numeric]	Min : 0 Mean : 0 Max : 1	0 : 194967 (97.3%) 1 : 5501 (2.7%)		200468 (100.0%)	0 (0.0%)
33	warfarin_min [numeric]	Min : 0 Mean : 0 Max : 1	0 : 200300 (99.9%) 1 : 168 (0.1%)		200468 (100.0%)	0 (0.0%)
34	heartrate_mean [numeric]	Mean (sd) : 76.8 (29.5) min ≤ med ≤ max: 0 ≤ 81.3 ≤ 206 IQR (CV) : 25.1 (0.4)	53271 distinct values		200468 (100.0%)	0 (0.0%)
35	heartrate_max [numeric]	Mean (sd) : 91.9 (36.3) min ≤ med ≤ max: 0 ≤ 97 ≤ 225 IQR (CV) : 32 (0.4)	198 distinct values		200468 (100.0%)	0 (0.0%)
36	heartrate_min [numeric]	Mean (sd) : 65.3 (26.2) min ≤ med ≤ max: 0 ≤ 69 ≤ 206 IQR (CV) : 23 (0.4)	147 distinct values		200468 (100.0%)	0 (0.0%)
37	respiratoryrate_mean [numeric]	Mean (sd) : 16.9 (7.7) min ≤ med ≤ max: 0 ≤ 18 ≤ 58 IQR (CV) : 5.9 (0.5)	25671 distinct values		200468 (100.0%)	0 (0.0%)
38	respiratoryrate_max [numeric]	Mean (sd) : 23.7 (11.9) min ≤ med ≤ max: 0 ≤ 24 ≤ 60 IQR (CV) : 10 (0.5)	60 distinct values		200468 (100.0%)	0 (0.0%)
39	respiratoryrate_min [numeric]	Mean (sd) : 11.7 (6.5) min ≤ med ≤ max: 0 ≤ 13 ≤ 58 IQR (CV) : 7 (0.6)	55 distinct values		200468 (100.0%)	0 (0.0%)

No	Variable	Stats / Values	Freqs (% of Valid)	Graph	Valid	Missing
40	spo2_mean [numeric]	Mean (sd) : 78.6 (37.7) min ≤ med ≤ max: 0 ≤ 96.3 ≤ 100 IQR (CV) : 4.4 (0.5)	17668 distinct values		200468 (100.0%)	0 (0.0%)
41	spo2_max [numeric]	Mean (sd) : 80.5 (38.6) min ≤ med ≤ max: 0 ≤ 99 ≤ 100 IQR (CV) : 3 (0.5)	69 distinct values		200468 (100.0%)	0 (0.0%)
42	spo2_min [numeric]	Mean (sd) : 74.3 (36.5) min ≤ med ≤ max: 0 ≤ 92 ≤ 100 IQR (CV) : 11 (0.5)	102 distinct values		200468 (100.0%)	0 (0.0%)
43	nibp_systolic_mean [numeric]	Mean (sd) : 106.8 (43.5) min ≤ med ≤ max: 0 ≤ 116 ≤ 243 IQR (CV) : 29.7 (0.4)	43923 distinct values		200468 (100.0%)	0 (0.0%)
44	nibp_systolic_max [numeric]	Mean (sd) : 128.5 (53.3) min ≤ med ≤ max: 0 ≤ 140 ≤ 250 IQR (CV) : 39 (0.4)	214 distinct values		200468 (100.0%)	0 (0.0%)
45	nibp_systolic_min [numeric]	Mean (sd) : 87.2 (38) min ≤ med ≤ max: 0 ≤ 94 ≤ 243 IQR (CV) : 32 (0.4)	199 distinct values		200468 (100.0%)	0 (0.0%)
46	nibp_diastolic_mean [numeric]	Mean (sd) : 58 (24.3) min ≤ med ≤ max: 0 ≤ 63 ≤ 163 IQR (CV) : 18 (0.4)	37142 distinct values		200468 (100.0%)	0 (0.0%)
47	nibp_diastolic_max [numeric]	Mean (sd) : 76.1 (33.8) min ≤ med ≤ max: 0 ≤ 82 ≤ 200 IQR (CV) : 28 (0.4)	192 distinct values		200468 (100.0%)	0 (0.0%)
48	nibp_diastolic_min [numeric]	Mean (sd) : 45.1 (21.2) min ≤ med ≤ max: 0 ≤ 49 ≤ 163 IQR (CV) : 20 (0.5)	140 distinct values		200468 (100.0%)	0 (0.0%)
49	nibp_mean_mean [numeric]	Mean (sd) : 68.2 (32.8) min ≤ med ≤ max: 0 ≤ 76.9 ≤ 219 IQR (CV) : 22.2 (0.5)	37414 distinct values		200468 (100.0%)	0 (0.0%)
50	nibp_mean_max [numeric]	Mean (sd) : 85.1 (42.2) min ≤ med ≤ max: 0 ≤ 95 ≤ 250 IQR (CV) : 31 (0.5)	259 distinct values		200468 (100.0%)	0 (0.0%)
51	nibp_mean_min [numeric]	Mean (sd) : 54.9 (28.5) min ≤ med ≤ max: 0 ≤ 61 ≤ 219 IQR (CV) : 26 (0.5)	205 distinct values		200468 (100.0%)	0 (0.0%)

No	Variable	Stats / Values	Freqs (% of Valid)	Graph	Valid	Missing
52	temperature_mean [numeric]	Mean (sd) : 33.7 (10.3) min ≤ med ≤ max: 0 ≤ 36.7 ≤ 41 IQR (CV) : 0.5 (0.3)	14195 distinct values		200468 (100.0%)	0 (0.0%)
53	temperature_max [numeric]	Mean (sd) : 34.1 (10.4) min ≤ med ≤ max: 0 ≤ 37.1 ≤ 44.3 IQR (CV) : 0.7 (0.3)	349 distinct values		200468 (100.0%)	0 (0.0%)
54	temperature_min [numeric]	Mean (sd) : 33.2 (10.2) min ≤ med ≤ max: 0 ≤ 36.4 ≤ 41 IQR (CV) : 0.7 (0.3)	407 distinct values		200468 (100.0%)	0 (0.0%)
55	aniongap_min [numeric]	Mean (sd) : 7.2 (5.6) min ≤ med ≤ max: 0 ≤ 7.4 ≤ 67 IQR (CV) : 11 (0.8)	310 distinct values		200468 (100.0%)	0 (0.0%)
56	aniongap_max [numeric]	Mean (sd) : 9.3 (7.4) min ≤ med ≤ max: 0 ≤ 10 ≤ 89 IQR (CV) : 14 (0.8)	430 distinct values		200468 (100.0%)	0 (0.0%)
57	albumin_min [numeric]	Mean (sd) : 1.9 (1.6) min ≤ med ≤ max: 0 ≤ 2.4 ≤ 7.6 IQR (CV) : 3.3 (0.8)	66 distinct values		200468 (100.0%)	0 (0.0%)
58	albumin_max [numeric]	Mean (sd) : 2.1 (1.7) min ≤ med ≤ max: 0 ≤ 2.7 ≤ 7.6 IQR (CV) : 3.5 (0.8)	75 distinct values		200468 (100.0%)	0 (0.0%)
59	bands_min [numeric]	Mean (sd) : 0.9 (4.7) min ≤ med ≤ max: 0 ≤ 0 ≤ 97.4 IQR (CV) : 0 (5.1)	482 distinct values		200468 (100.0%)	0 (0.0%)
60	bands_max [numeric]	Mean (sd) : 1.2 (5.8) min ≤ med ≤ max: 0 ≤ 0 ≤ 100 IQR (CV) : 0 (4.8)	512 distinct values		200468 (100.0%)	0 (0.0%)
61	bicarbonate_min [numeric]	Mean (sd) : 20.2 (9.2) min ≤ med ≤ max: 0 ≤ 23 ≤ 57.3 IQR (CV) : 8 (0.5)	380 distinct values		200468 (100.0%)	0 (0.0%)
62	bicarbonate_max [numeric]	Mean (sd) : 22.6 (9.6) min ≤ med ≤ max: 0 ≤ 25 ≤ 77 IQR (CV) : 7 (0.4)	370 distinct values		200468 (100.0%)	0 (0.0%)
63	hco3_min [numeric]	Mean (sd) : 8.1 (11.5) min ≤ med ≤ max: 0 ≤ 0 ≤ 147 IQR (CV) : 19.8 (1.4)	550 distinct values		200468 (100.0%)	0 (0.0%)

No	Variable	Stats / Values	Freqs (% of Valid)	Graph	Valid	Missing
64	hco3_max [numeric]	Mean (sd) : 9.1 (12.7) min ≤ med ≤ max: 0 ≤ 0 ≤ 332 IQR (CV) : 22 (1.4)	605 distinct values		200468 (100.0%)	0 (0.0%)
65	bilirubin_min [numeric]	Mean (sd) : 0.6 (1.6) min ≤ med ≤ max: 0 ≤ 0.3 ≤ 99 IQR (CV) : 0.6 (2.8)	683 distinct values		200468 (100.0%)	0 (0.0%)
66	bilirubin_max [numeric]	Mean (sd) : 0.7 (1.8) min ≤ med ≤ max: 0 ≤ 0.4 ≤ 99 IQR (CV) : 0.7 (2.7)	756 distinct values		200468 (100.0%)	0 (0.0%)
67	creatinine_min [numeric]	Mean (sd) : 1.3 (1.5) min ≤ med ≤ max: 0 ≤ 0.9 ≤ 35.7 IQR (CV) : 0.7 (1.2)	1682 distinct values		200468 (100.0%)	0 (0.0%)
68	creatinine_max [numeric]	Mean (sd) : 1.5 (1.9) min ≤ med ≤ max: 0 ≤ 1 ≤ 43.4 IQR (CV) : 0.9 (1.2)	1866 distinct values		200468 (100.0%)	0 (0.0%)
69	chloride_min [numeric]	Mean (sd) : 93.8 (27.8) min ≤ med ≤ max: 0 ≤ 102 ≤ 150 IQR (CV) : 9 (0.3)	283 distinct values		200468 (100.0%)	0 (0.0%)
70	chloride_max [numeric]	Mean (sd) : 97.3 (28.7) min ≤ med ≤ max: 0 ≤ 105 ≤ 170.7 IQR (CV) : 9 (0.3)	268 distinct values		200468 (100.0%)	0 (0.0%)
71	glucose_min [numeric]	Mean (sd) : 113.1 (59.6) min ≤ med ≤ max: 0 ≤ 107 ≤ 1499 IQR (CV) : 45 (0.5)	668 distinct values		200468 (100.0%)	0 (0.0%)
72	glucose_max [numeric]	Mean (sd) : 163.9 (125.5) min ≤ med ≤ max: 0 ≤ 138 ≤ 2072 IQR (CV) : 79 (0.8)	1315 distinct values		200468 (100.0%)	0 (0.0%)
73	hematocrit_min [numeric]	Mean (sd) : 30.2 (11.1) min ≤ med ≤ max: 0 ≤ 32 ≤ 72.4 IQR (CV) : 11.7 (0.4)	575 distinct values		200468 (100.0%)	0 (0.0%)
74	hematocrit_max [numeric]	Mean (sd) : 33.8 (11.7) min ≤ med ≤ max: 0 ≤ 35.9 ≤ 99.4 IQR (CV) : 11 (0.3)	556 distinct values		200468 (100.0%)	0 (0.0%)
75	hemoglobin_min [numeric]	Mean (sd) : 9.9 (3.8) min ≤ med ≤ max: 0 ≤ 10.5 ≤ 39.6 IQR (CV) : 4 (0.4)	204 distinct values		200468 (100.0%)	0 (0.0%)

No	Variable	Stats / Values	Freqs (% of Valid)	Graph	Valid	Missing
76	hemoglobin_max [numeric]	Mean (sd) : 11.1 (4) min ≤ med ≤ max: 0 ≤ 11.8 ≤ 39.6 IQR (CV) : 3.9 (0.4)	213 distinct values		200468 (100.0%)	0 (0.0%)
77	lactate_min [numeric]	Mean (sd) : 0.7 (1.5) min ≤ med ≤ max: 0 ≤ 0 ≤ 36.7 IQR (CV) : 1 (2.3)	779 distinct values		200468 (100.0%)	0 (0.0%)
78	lactate_max [numeric]	Mean (sd) : 1 (2.3) min ≤ med ≤ max: 0 ≤ 0 ≤ 40.1 IQR (CV) : 1.3 (2.3)	1154 distinct values		200468 (100.0%)	0 (0.0%)
79	platelet_min [numeric]	Mean (sd) : 180.6 (108.2) min ≤ med ≤ max: 0 ≤ 178 ≤ 2388 IQR (CV) : 120 (0.6)	883 distinct values		200468 (100.0%)	0 (0.0%)
80	platelet_max [numeric]	Mean (sd) : 211.6 (123.4) min ≤ med ≤ max: 0 ≤ 208 ≤ 3092 IQR (CV) : 129 (0.6)	1009 distinct values		200468 (100.0%)	0 (0.0%)
81	potassium_min [numeric]	Mean (sd) : 3.6 (1.1) min ≤ med ≤ max: 0 ≤ 3.8 ≤ 10.4 IQR (CV) : 0.7 (0.3)	307 distinct values		200468 (100.0%)	0 (0.0%)
82	potassium_max [numeric]	Mean (sd) : 4.1 (1.3) min ≤ med ≤ max: 0 ≤ 4.2 ≤ 14.3 IQR (CV) : 0.9 (0.3)	361 distinct values		200468 (100.0%)	0 (0.0%)
83	ptt_min [numeric]	Mean (sd) : 13.6 (17.9) min ≤ med ≤ max: 0 ≤ 0 ≤ 150 IQR (CV) : 28.5 (1.3)	1023 distinct values		200468 (100.0%)	0 (0.0%)
84	ptt_max [numeric]	Mean (sd) : 16.3 (23.9) min ≤ med ≤ max: 0 ≤ 0 ≤ 150 IQR (CV) : 30 (1.5)	1315 distinct values		200468 (100.0%)	0 (0.0%)
85	inr_min [numeric]	Mean (sd) : 0.8 (0.8) min ≤ med ≤ max: 0 ≤ 1 ≤ 21.5 IQR (CV) : 1.2 (1.1)	574 distinct values		200468 (100.0%)	0 (0.0%)
86	inr_max [numeric]	Mean (sd) : 0.9 (1.2) min ≤ med ≤ max: 0 ≤ 1 ≤ 27.2 IQR (CV) : 1.2 (1.3)	864 distinct values		200468 (100.0%)	0 (0.0%)
87	pt_min [numeric]	Mean (sd) : 8.5 (9) min ≤ med ≤ max: 0 ≤ 10.8 ≤ 149.8 IQR (CV) : 14.1 (1.1)	726 distinct values		200468 (100.0%)	0 (0.0%)

No	Variable	Stats / Values	Freqs (% of Valid)	Graph	Valid	Missing
88	pt_max [numeric]	Mean (sd) : 9.6 (11.7) min ≤ med ≤ max: 0 ≤ 11 ≤ 149.8 IQR (CV) : 14.7 (1.2)	1057 distinct values		200468 (100.0%)	0 (0.0%)
89	sodium_min [numeric]	Mean (sd) : 126.7 (35.6) min ≤ med ≤ max: 0 ≤ 137 ≤ 183.2 IQR (CV) : 6 (0.3)	296 distinct values		200468 (100.0%)	0 (0.0%)
90	sodium_max [numeric]	Mean (sd) : 129.6 (36.3) min ≤ med ≤ max: 0 ≤ 139 ≤ 195 IQR (CV) : 6 (0.3)	250 distinct values		200468 (100.0%)	0 (0.0%)
91	bun_min [numeric]	Mean (sd) : 21.3 (19.2) min ≤ med ≤ max: 0 ≤ 16 ≤ 256 IQR (CV) : 16.9 (0.9)	637 distinct values		200468 (100.0%)	0 (0.0%)
92	bun_max [numeric]	Mean (sd) : 26.2 (23.2) min ≤ med ≤ max: 0 ≤ 20 ≤ 298 IQR (CV) : 20 (0.9)	700 distinct values		200468 (100.0%)	0 (0.0%)
93	wbc_min [numeric]	Mean (sd) : 9.4 (7.7) min ≤ med ≤ max: 0 ≤ 8.6 ≤ 446 IQR (CV) : 5.9 (0.8)	3419 distinct values		200468 (100.0%)	0 (0.0%)
94	wbc_max [numeric]	Mean (sd) : 12.2 (10.4) min ≤ med ≤ max: 0 ≤ 10.9 ≤ 755.8 IQR (CV) : 8 (0.8)	4229 distinct values		200468 (100.0%)	0 (0.0%)

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