Supplement B. Analysis of patients features dynamics before outcome

Table B. Robust regression coefficients for considered features

Feature	Intercept	Day before outcome	Lethal outcome	Interaction	<i>p</i> -value	Threshold_type
Age	55,561	-	17,24004	-	1E-06	Upper
ALT	62,013	1,792829	-6,73908	-0,45107	0,277375	Lower
Amylase	65,096	0,401711	7,440098	1,897953	2,8E-06	Upper
APTT	30,931	-0,15563	23,48463	1,847344	7,92E-63	Upper
AST	43,385	-0,04688	28,82057	2,487885	1,68E-14	Upper
BMI	29,069	-	-0,85677	-	0,206482	Lower
Conj_bilirubin	2,272	-0,04336	1,795281	0,123558	7,79E-12	Upper
Creatinine	0,081	-0,00053	0,074193	0,00656	3E-83	Upper
CRP	16,446	-3,84408	113,1996	5,847141	3,39E-29	Upper
D_dimer	875,320	-9,03413	3386,114	210,0928	1,67E-51	Upper
Ferritin	420,134	-1,10278	422,527	1,478446	0,886502	Upper
Fibrinogen	4,840	-0,04959	0,083639	-0,01128	0,656259	Lower
Glucose	6,361	-0,05777	3,12614	0,055615	0,043945	Upper
Hemoglobin	131,372	-0,23233	-28,2304	-0,59104	0,003274	Lower
LDG	246,656	-8,00863	428,0746	27,90315	5,88E-41	Upper
Lymphocytes	1,737	0,050565	-0,98658	-0,05384	1,45E-18	Lower
Monocytes	0,608	0,011606	-0,11799	-0,01207	1,64E-05	Lower
Neutrophils	3,822	-0,10006	8,764783	0,46006	2,86E-47	Upper
Platelets	313,745	7,587005	-143,614	-13,7101	2,41E-35	Lower
Potassium	4,477	0,036149	0,232668	0,007987	0,259182	Upper
Procalcitonin	0,098	-0,00445	1,39404	0,112736	0	Upper
Sex	0,451	-	0,086531	-	0,521291	Upper
Sodium	141,021	0,185574	4,88449	0,244052	6,48E-07	Upper
Toponin I	0,002	-0,00021	0,056907	0,004587	7,1E-179	Upper
Total_protein	66,428	-0,21607	-13,8551	-0,34804	0,001211	Lower
Urea	5,291	-0,07739	16,97786	1,107044	2,9E-112	Upper
WBC	6,462	-0,0296	7,680757	0,387139	5,59E-28	Upper

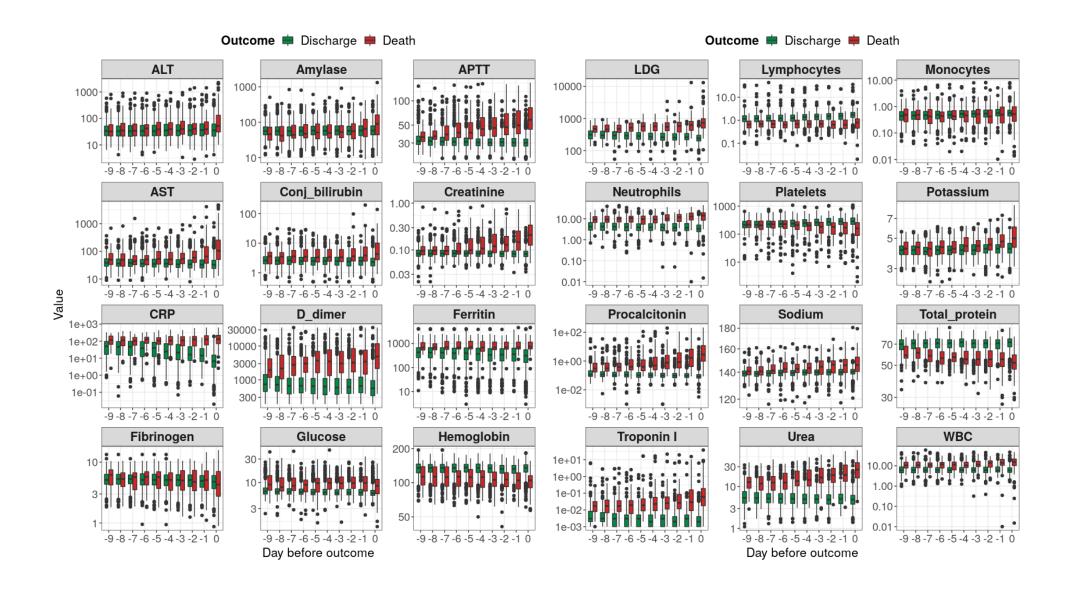


Figure B. Time-varying features behavior before outcome (training cohort – wave 1)