

Supplementary Table 6. The characteristics and levels change over time for predictors for platelet

| Variable | Group 1 | | | | | Group 2 | | | | | Group 3 | | | | | Group 4 | | | | | |
|---------------------------------------|------------------|------------------|------------------|------------------|---------|------------------|------------------|------------------|----------------|---------|------------------|------------------|------------------|-----------------|---------|------------------|------------------|------------------|-----------------|---------|--|
| | A | B | C | D | P-value | A | B | C | D | P-value | A | B | C | D | P-value | A | B | C | D | P-value | |
| No. of patients | 265 (27.3) | 123 (12.7) | 316 (32.5) | 267 (27.5) | | 145 (20.7) | 245 (34.9) | 172 (24.5) | 140 (19.9) | | 65 (12.5) | 141 (27.2) | 193 (37.2) | 120 (23.1) | | 43 (11.8) | 109 (30.0) | 118 (32.5) | 93 (25.6) | | |
| Demographics | | | | | | | | | | | | | | | | | | | | | |
| Mortality | 7 (2.6) | 34 (27.6) | 89 (28.2) | 107 (40.1) | <0.001 | 4 (2.8) | 24 (9.8) | 46 (26.7) | 97 (69.3) | | 2 (3.1) | 5 (3.5) | 33 (17.1) | 61 (50.8) | | 0 (0) | 4 (3.7) | 8 (6.8) | 40 (43.0) | | |
| Age (yr) | 48 (40-58) | 49 (40-58) | 53 (43-62) | 52 (43-64) | 0.001 | 46 (38-55) | 52 (44-61) | 54 (44-63) | 54 (42-65) | | 44 (40-53) | 50 (43-59) | 53 (44-63) | 58 (45-69) | | 48 (43-58) | 53 (44-61) | 53 (43-65) | 54 (45-69) | | |
| Sex | | | | | 0.001 | | | | | | | | | | | | | | | | |
| Male | 214 (80.8) | 85 (69.1) | 253 (80.1) | 230 (86.1) | | 115 (79.3) | 192 (78.4) | 137 (79.7) | 108 (77.1) | | 55 (84.6) | 110 (78.0) | 153 (79.3) | 95 (79.2) | | 35 (81.4) | 82 (75.2) | 92 (78.0) | 75 (80.6) | | |
| Female | 51 (19.2) | 38 (30.9) | 63 (19.9) | 37 (13.9) | | 30 (20.7) | 53 (21.6) | 35 (20.3) | 32 (22.9) | | 10 (15.4) | 31 (22.0) | 40 (20.7) | 25 (20.8) | | 8 (18.6) | 27 (24.8) | 26 (22.0) | 18 (19.4) | | |
| TBSA | 25 (13-35) | 30 (20-45) | 40 (27-60) | 40 (26-60) | <0.001 | 32 (21-41) | 33 (20-45) | 40 (26-60) | 58 (34-76) | | 35 (23-48) | 35 (20-43) | 40 (24-56) | 45 (29-61) | | 32 (20-48) | 38 (22-48) | 38 (28-58) | 43 (27-60) | | |
| Inhalation | 97 (36.6) | 54 (43.9) | 129 (40.8) | 127 (47.6) | 0.074 | 57 (39.3) | 85 (34.7) | 81 (47.1) | 66 (47.1) | | 32 (49.2) | 56 (39.7) | 84 (43.5) | 54 (45.0) | | 20 (46.5) | 52 (47.7) | 44 (37.3) | 42 (45.2) | | |
| LOICU | 13 (8-25) | 21 (12-34) | 25 (16-42) | 23 (13-37) | <0.001 | 25 (18-34) | 28 (20-39) | 34 (25-57) | 22 (16-38) | | 31 (25-41) | 31 (24-42) | 35 (27-48) | 36 (26-57) | | 34 (31-45) | 38 (33-49) | 42 (34-56) | 45 (32-66) | | |
| Platelet value | | | | | | | | | | | | | | | | | | | | | |
| Mortality | 7 (2.6) | 34 (27.6) | 89 (28.2) | 107 (40.1) | <0.001 | 4 (2.8) | 24 (9.8) | 46 (26.7) | 97 (69.3) | | 2 (3.1) | 5 (3.5) | 33 (17.1) | 61 (50.8) | | 0 (0) | 4 (3.7) | 8 (6.8) | 40 (43.0) | | |
| Day 1 | 235 (194-275) | 370 (338-406) | 236 (211-271) | 146 (112-168) | <0.001 | 226 (182-270) | 171 (137-218) | 107 (82-138) | 72 (52-99) | | 666 (537-792) | 455 (403-531) | 312 (245-365) | 139 (84-186) | | 645 (581-769) | 381 (311-447) | 261 (200-299) | 114 (74-173) | | |
| Day 2 | 189 (156-229) | 248 (191-294) | 155 (124-190) | 101 (72-129) | <0.001 | 288 (239-345) | 209 (176-266) | 130 (100-166) | 70 (50-102) | | 672 (561-791) | 468 (416-541) | 322 (271-368) | 141 (90-198) | | 614 (554-705) | 380 (322-439) | 253 (199-292) | 111 (73-167) | | |
| Day 3 | 155 (125-190) | 166 (117-222) | 106 (77-134) | 75 (52-96) | <0.001 | 352 (312-411) | 255 (209-304) | 152 (112-187) | 71 (52-104) | | 669 (561-767) | 481 (417-535) | 328 (262-382) | 138 (90-190) | | 588 (520-691) | 379 (341-444) | 252 (199-296) | 101 (76-152) | | |
| Day 4 | 149 (122-180) | 130 (76-179) | 84 (63-109) | 67 (50-88) | <0.001 | 418 (360-472) | 293 (244-343) | 166 (123-203) | 68 (48-100) | | 674 (577-724) | 472 (407-536) | 311 (249-363) | 136 (82-180) | | 568 (519-649) | 376 (340-434) | 252 (192-297) | 102 (63-150) | | |
| Day 5 | 171 (144-211) | 134 (88-176) | 90 (67-117) | 74 (56-99) | <0.001 | 483 (427-539) | 330 (282-371) | 190 (146-220) | 70 (46-103) | | 638 (582-727) | 459 (403-535) | 290 (244-356) | 132 (68-175) | | 558 (480-621) | 393 (346-437) | 262 (212-311) | 102 (64-148) | | |
| Day 6 | 204 (177-246) | 145 (106-198) | 103 (77-134) | 86 (60-116) | <0.001 | 532 (484-599) | 359 (304-402) | 202 (168-234) | 74 (42-102) | | 612 (555-683) | 439 (376-497) | 278 (222-340) | 118 (64-178) | | 536 (441-603) | 392 (353-441) | 272 (213-323) | 90 (53-146) | | |
| Day 7 | 250 (221-298) | 191 (123-226) | 134 (88-168) | 100 (64-140) | <0.001 | 578 (521-656) | 386 (335-434) | 224 (184-262) | 76 (44-109) | | 601 (521-674) | 425 (362-498) | 263 (208-320) | 102 (68-166) | | 538 (435-599) | 402 (344-464) | 282 (230-340) | 83 (54-149) | | |
| Mean of overall median platelet value | 194 (154-241) | 182 (119-255) | 120 (82-171) | 88 (60-125) | <0.001 | 423 (305-523) | 293 (216-399) | 165 (121-211) | 71 (48-103) | | 641 (558-734) | 458 (395-526) | 298 (244-359) | 130 (79-181) | | 581 (506-670) | 386 (338-444) | 264 (205-307) | 102 (65-152) | | |

Values are presented as number (%) or median (interquartile range). TBSA, total body surface area burned %; LOICU, length of stay in intensive care unit.