**Table 1:** Baseline characteristics of the cohort

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Comparison of Survival Groups | | | Comparison of p50 Groups | | | |
|  | Survivors  N = 19360 | Non-survivors  N = 4488 | p | Left-shifted  N = 10854 | Normal  N = 5867 | Right shifted  N = 7127 | p |
| Demographics | | | | | | | |
| Age (in Years) | 64 ± 15 | 69 ± 15 | <0.001 | 65 ± 15 | 65 ± 15 | 65 ± 16 | 0.321 |
| Race  White  Black  Others | 15212 (79) | 3483 (77) | 0.337 | 8296 (77) | 4717 (80) | 5682 (80) | <0.001 |
| 1573 (8) | 388 (9) | 1111 (10) | 386 (7) | 464 (6) |
| 2575 (13) | 617 (14) | 1447 (13) | 764 (13) | 981 (14) |
| Sex  Male  Female | 10798 (56) | 2477 (55) | 0.489 | 5893 (54) | 3310 (56) | 4072 (57) | <0.001 |
| 8562 (44) | 2011 (45) | 4961 (46) | 2557 (44) | 3055 (43) |
| Anthropometrics | | | | | | | |
| Weight (in Kg) | 88 ± 29 | 83 ± 27 | <0.001 | 86 ± 28 | 89 ± 29 | 89 ± 30 | <0.001 |
| Height (in cm) | 169 ± 13 | 169 ± 14 | 0.002 | 169 ± 13 | 169 ± 13 | 169 ± 13 | 0.022 |
| BMI (in Kg/m2) | 31 ± 11 | 30 ± 12 | <0.001 | 30 ± 11 | 31 ± 11 | 31 ± 12 | <0.001 |
| Severity of Illness | | | | | | | |
| SOFA Score | 4.5 ± 3.2 | 6.3 ± 4.0 | <0.001 | 4.7 ± 3.4 | 4.8 ± 3.4 | 5.0 ± 3.6 | <0.001 |
| SOFA-based Risk Categories  SOFA < 7  SOFA 7-9  SOFA 10-12  SOFA 13-14  SOFA = 15  SOFA > 15 |  |  | <0.001 |  |  |  | <0.001 |
| 14656 (76) | 2540 (57) | 7952 (73.3) | 4311 (73.5) | 4933 (69.2) |
| 3315 (17) | 1029 (23) | 1965 (18) | 1018 (17.4) | 1361 (19.1) |
| 1072 (5.5) | 571 (13) | 673 (6.2) | 384 (6.5) | 586 (8.2) |
| 220 (1) | 198 (4) | 171 (1.6) | 94 (1.6) | 153 (2.2) |
| 50 (0.25) | 65 (1) | 52 (0.5) | 26 (0.4) | 37 (0.5) |
| 47 (0.25) | 85 (2) | 41 (0.4) | 34 (0.6) | 57 (0.8) |
| Charlson Comorbidity Index | 4.0 ± 2.7 | 5.1 ± 2.9 | <0.001 | 4.2 ± 2.8 | 4.2 ± 2.7 | 4.2 ± 2.8 | 0.937 |
| Source Database |  | |  |  | | |  |
| eICU-CRD  MIMIC-III  MIMIC-IV |  |  |  |  |  |  |
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