| **Characteristic** | **Q1**, N = 9,1951 | **Q2**, N = 9,2441 | **Q3**, N = 9,2491 | **Q4**, N = 9,0901 | **p-value**2 |
| --- | --- | --- | --- | --- | --- |
| Group | 1,889.00(20.54%) | 3,046.00(32.95%) | 4,081.00(44.12%) | 4,865.00(53.52%) | <0.001 |
| GENDER | 6,104.00(66.38%) | 5,165.00(55.87%) | 4,838.00(52.31%) | 4,663.00(51.30%) | <0.001 |
| age | 65 ±14 | 69 ±15 | 70 ±14 | 69 ±15 | <0.001 |
| liv\_time | 16,231 ±13,122 | 13,695 ±13,321 | 10,656 ±12,925 | 7,537 ±11,727 | <0.001 |
| EXPIRE\_FLAG | 2,533.00(27.55%) | 3,633.00(39.30%) | 4,941.00(53.42%) | 6,169.00(67.87%) | <0.001 |
| ALB | 3.57 ±0.63 | 3.40 ±0.66 | 3.24 ±0.67 | 3.08 ±0.66 | <0.001 |
| Unknown | 4,326 | 3,860 | 3,334 | 2,587 |  |
| RDW | 13.07 ±0.50 | 13.97 ±0.51 | 15.12 ±0.71 | 17.82 ±1.92 | <0.001 |
| NTproBNP | 5,820 ±9,663 | 6,336 ±9,996 | 9,613 ±13,581 | 13,375 ±17,336 | <0.001 |
| Unknown | 8,878 | 8,486 | 8,041 | 7,545 |  |
| Pho | 3.41 ±1.00 | 3.57 ±1.19 | 3.84 ±1.38 | 4.12 ±1.58 | <0.001 |
| Mg | 1.94 ±0.46 | 1.96 ±0.40 | 1.98 ±0.50 | 2.01 ±0.43 | <0.001 |
| Ca | 8.64 ±0.81 | 8.62 ±0.84 | 8.61 ±0.90 | 8.56 ±0.95 | <0.001 |
| WBC | 11.1 ±5.3 | 11.4 ±5.8 | 11.7 ±8.4 | 12.0 ±16.2 | <0.001 |
| RBC | 4.07 ±0.69 | 3.97 ±0.72 | 3.81 ±0.74 | 3.60 ±0.84 | <0.001 |
| PTT | 37 ±25 | 36 ±23 | 35 ±20 | 36 ±20 | <0.001 |
| PT | 14.3 ±5.2 | 15.2 ±7.2 | 16.5 ±9.3 | 18.4 ±12.4 | <0.001 |
| Pla | 232 ±88 | 240 ±104 | 252 ±126 | 259 ±153 | <0.001 |
| MCV | 90 ±5 | 90 ±6 | 90 ±7 | 90 ±9 | <0.001 |
| MCHC | 3.50 ±0.11 | 3.39 ±0.11 | 3.32 ±0.13 | 3.21 ±0.16 | <0.001 |
| MCH | 31.31 ±1.69 | 30.51 ±1.96 | 29.85 ±2.45 | 28.87 ±3.49 | <0.001 |
| INR | 1.35 ±1.56 | 1.47 ±1.82 | 1.62 ±1.66 | 1.88 ±2.17 | <0.001 |
| Hg | 12.71 ±2.08 | 12.07 ±2.09 | 11.32 ±2.05 | 10.27 ±2.11 | <0.001 |
| HCT | 36 ±6 | 36 ±6 | 34 ±6 | 32 ±7 | <0.001 |
| BUN | 21 ±13 | 26 ±18 | 33 ±24 | 40 ±28 | <0.001 |
| Na | 137.9 ±4.5 | 138.3 ±4.6 | 138.2 ±5.2 | 138.0 ±5.7 | <0.001 |
| K | 4.20 ±0.72 | 4.31 ±0.79 | 4.46 ±0.92 | 4.57 ±1.02 | <0.001 |
| Glu | 156 ±94 | 162 ±103 | 164 ±112 | 153 ±108 | <0.001 |
| SCR | 1.08 ±0.85 | 1.36 ±1.39 | 1.78 ±1.94 | 2.50 ±8.78 | <0.001 |
| Cl | 103 ±6 | 103 ±6 | 102 ±7 | 102 ±7 | <0.001 |
| HCO3 | 24.5 ±3.9 | 24.4 ±4.6 | 24.5 ±5.5 | 24.6 ±6.0 | 0.7 |
| AG | 14.8 ±4.2 | 15.2 ±4.5 | 15.9 ±4.8 | 16.4 ±4.9 | <0.001 |
| CAD | 6,321.00(68.74%) | 6,341.00(68.60%) | 6,310.00(68.22%) | 6,315.00(69.47%) | 0.3 |
| CKD | 1,394.00(15.16%) | 2,670.00(28.88%) | 4,143.00(44.79%) | 5,369.00(59.06%) | <0.001 |
| CRD | 2,624.00(28.54%) | 3,646.00(39.44%) | 4,496.00(48.61%) | 4,856.00(53.42%) | <0.001 |
| DIABETES | 2,768.00(30.10%) | 3,405.00(36.83%) | 3,924.00(42.43%) | 4,066.00(44.73%) | <0.001 |
| HYPERTENSION | 7,012.00(76.26%) | 7,129.00(77.12%) | 6,973.00(75.39%) | 6,617.00(72.79%) | <0.001 |
| RMR | 3.74 ±0.15 | 4.12 ±0.10 | 4.56 ±0.16 | 5.56 ±0.65 | <0.001 |
| RMRQ.median |  |  |  |  | <0.001 |
| 3.76 | 9,195.00(100.00%) | 0.00(0.00%) | 0.00(0.00%) | 0.00(0.00%) |  |
| 4.11 | 0.00(0.00%) | 9,244.00(100.00%) | 0.00(0.00%) | 0.00(0.00%) |  |
| 4.55 | 0.00(0.00%) | 0.00(0.00%) | 9,249.00(100.00%) | 0.00(0.00%) |  |
| 5.38 | 0.00(0.00%) | 0.00(0.00%) | 0.00(0.00%) | 9,090.00(100.00%) |  |
| age60 |  |  |  |  | <0.001 |
| 0 | 3,058.00(33.26%) | 2,272.00(24.58%) | 2,099.00(22.69%) | 2,333.00(25.67%) |  |
| 1 | 6,137.00(66.74%) | 6,972.00(75.42%) | 7,150.00(77.31%) | 6,757.00(74.33%) |  |
| 1n(%); Mean ±SD | | | | | |
| 2Pearson's Chi-squared test; Kruskal-Wallis rank sum test | | | | | |