**Supplemental Table 2**. Patient characteristics in the CKD group stratified by death or survivor of the admission

| Variables | Death(*n* = 160) | Survivor(*n* = 869) | *P* value |
| --- | --- | --- | --- |
| Age (years) | 76.3±9.6 | 74.4±10.9 | 0.051 |
| Age ≥ 65 years | 142 (88.8) | 728 (83.8) | 0.110 |
| Male | 134 (83.8) | 726 (83.5) |  |
| Aortic pathology |  |  | <0.001 |
| Un-ruptured aortic aneurysm | 52 (32.5) | 523 (60.2) |  |
| Ruptured aortic aneurysm | 66 (41.3) | 114 (13.1) |  |
| Aortic dissection | 38 (23.8) | 187 (21.5) |  |
| Traumatic aortic injury | 1 (0.6) | 5 (0.6) |  |
| Unknown | 3 (1.9) | 40 (4.6) |  |
| Emergent surgery | 112 (70.0) | 387 (44.5) | <0.001 |
| Stent location |  |  | 0.913 |
| TEVAR | 74 (46.3) | 406 (46.7) |  |
| EVAR | 86 (53.8) | 463 (53.3) |  |
| Comorbidity |  |  |  |
| Dialysis | 21 (13.1) | 105 (12.1) | 0.712 |
| Diabetes mellitus | 40 (25.0) | 263 (30.3) | 0.179 |
| Hypertension | 133 (83.1) | 755 (86.9) | 0.204 |
| Heart failure | 24 (15.0) | 123 (14.2) | 0.779 |
| Atrial fibrillation | 6 (3.8) | 56 (6.4) | 0.188 |
| Coronary artery disease | 59 (36.9) | 402 (46.3) | 0.028 |
| Prior stroke | 43 (26.9) | 192 (22.1) | 0.186 |
| Prior myocardial infarction | 19 (11.9) | 116 (13.3) | 0.612 |
| Peripheral arterial disease | 24 (15.0) | 127 (14.6) | 0.899 |
| Chronic obstructive pulmonary disease | 26 (16.3) | 181 (20.8) | 0.184 |
| Malignancy | 13 (8.1) | 118 (13.6) | 0.057 |
| Hospital level |  |  | 0.226 |
| Regional / district hospital | 35 (21.9) | 155 (17.8) |  |
| Teaching hospital (medical center) | 125 (78.1) | 714 (82.2) |  |
| Center volume of aortic stent |  |  | 0.675 |
| 1st quartile (1-128) | 49 (30.6) | 228 (26.2) |  |
| 2nd quartile (136-204) | 37 (23.1) | 200 (23.0) |  |
| 3rd quartile (227-413) | 34 (21.3) | 199 (22.9) |  |
| 4th quartile (591-960) | 40 (25.0) | 242 (27.8) |  |
| Surgery year |  |  | 0.065 |
| 2006-2008 | 16 (10.0) | 89 (10.2) |  |
| 2009-2011 | 77 (48.1) | 335 (38.6) |  |
| 2012-2013 | 67 (41.9) | 445 (51.2) |  |

CKD, chronic kidney disease; STD, standardized difference; EVAR, endovascular aortic repair; TEVAR, endovascular thoracic aortic repair; CCI, Charlson Comorbidity Index.