| Demographics<sup>1</sup> | Patients with complete data of follow-up | Patients missing follow-up data | p value |
|-------------------------|------------------------------------------|---------------------------------|---------|
| Number of patients      | N=7171                                   | N=120                           |         |
| Age, years              | 63 (49.76)                               | 62.5 (51.76)                    | 0.88    |
| Male                    | 4652 (64.9)                              | 90 (75)                         | 0.02    |
| Female                  | 2519 (35.1)                              | 30 (25)                         |         |
| Winter                  | 3523 (49.1)                              | 40 (33.3)                       | 0.001   |
| Summer                  | 3648 (50.9)                              | 80 (66.7)                       |         |
| Hospital-acquired AKI   | 3252 (45.3)                              | 57 (47.5)                       | 0.64    |
| Community-acquired AKI  | 3919 (54.7)                              | 63 (52.5)                       |         |
| Medical history<sup>2</sup> |                                       |                                 |         |
| Previous CVD            | 1973 (27.5)                              | 33 (27.5)                       | 0.99    |
| Previous HT             | 3000 (41.8)                              | 46 (38.3)                       | 0.44    |
| Previous DM             | 1322 (18.4)                              | 19 (15.8)                       | 0.47    |
| Preexisting CKD         | 1747 (24.4)                              | 21 (17.5)                       | 0.08    |
| Malignancy              | 1311 (18.3)                              | 20 (16.7)                       | 0.65    |
| Cause of AKI            |                                         |                                 |         |
| Prerenal                | 5116 (71.3)                              | 89 (74.2)                       | 0.50    |
| Intrinsic renal         | 2064 (28.8)                              | 25 (20.8)                       | 0.06    |
| Post renal              | 631 (8.8)                                | 16 (13.3)                       | 0.08    |
| Injury factors          |                                         |                                 |         |
| Hypovolemia             | 3714 (51.8)                              | 66 (55)                         | 0.49    |
| Cardiac dysfunction     | 2018 (28.1)                              | 36 (30)                         | 0.65    |
| Vascular Dilation       | 2346 (32.7)                              | 34 (28.3)                       | 0.31    |
| Renal Vascular Constriction | 870 (12.1)                        | 18 (15)                         | 0.34    |
| Mechanic obstruction    | 117 (1.6)                                | 1 (0.8)                         | 0.49    |
| Nephrotoxicity          | 5192 (72)                                | 75 (62.5)                       | 0.02    |
| Sepsis                  | 450 (6.2)                                | 5 (4.2)                         | 0.35    |
| AKI stage at peak       |                                         |                                 |         |
| 1                       | 3344 (46.6)                              | 37 (30.8)                       | 0.001   |
| 2                       | 1840 (25.7)                              | 32 (26.7)                       |         |
| 3                       | 1987 (27.7)                              | 51 (42.5)                       |         |
| Comorbidities           |                                         |                                 |         |
| MODS                    | 866 (12.1)                               | 22 (18.3)                       | 0.04    |
| ARDS                    | 412 (5.7)                                | 7 (5.8)                         | 0.11    |
| Sepsis                  | 448 (6.2)                                | 5 (4.2)                         | 0.35    |
| Shock                   | 842 (11.7)                               | 18 (15)                         | 0.27    |
| DIC                     | 72 (1)                                   | 3 (2.5)                         | 0.11    |
| RRT         | 491 (6.8) | 21 (17.5) | 0.001 |
|------------|-----------|-----------|-------|
| Length of follow-up | 15 (9,24) | 13 (9,22.5) | 0.33  |

1 The data are presented either as the mean ± SD, median (IQR) or n (%) in the following table.

2 Abbreviations: AKI, acute kidney injury; CVD, cardiac vascular disease; HT, hypertension; DM, diabetes mellitus; CKD, chronic kidney disease; RRT, renal replacement treatment; Scr, serum creatinine. MODS, multi organ damage syndrome; ARDS, acute respiratory distress syndrome; DIC, disseminated intravascular coagulation.