**Supplementary Table 1**: CRRT Patient Primary Respiratory Diagnosis, Triage Category and Outcomes

| Primary Respiratory Diagnosis | Pathway | n     | ED Attendance | Hospital Admission | Death |
|-------------------------------|---------|-------|---------------|-------------------|-------|
|                               |         |       | n             | % of Pathway      | n     | % of Pathway |
| COPD                          | RED     | 77    | 16            | 21%               | 16    | 21%          | 3    | 4%          |
|                               | AMBER   | 158   | 19            | 12%               | 19    | 12%          | 4    | 3%          |
|                               | GREEN   | 88    | 8             | 9%                | 8     | 9%           | 1    | 1%          |
|                               | BLUE    | 13    | 2             | 15%               | 2     | 15%          | 3    | 23%         |
|                               | TOTAL   | 336   | 45            | 13%               | 45    | 13%          | 11   | 3%          |
| ASTHMA                        | RED     | 6     | 1             | 17%               | 1     | 17%          | 0    | -           |
|                               | AMBER   | 30    | 4             | 13%               | 2     | 7%           | 0    | -           |
|                               | GREEN   | 27    | 1             | 4%                | 1     | 4%           | 0    | -           |
|                               | BLUE    | 0     | 0             | -                 | 0     | -            | 0    | -           |
|                               | TOTAL   | 63    | 6             | 10%               | 4     | 6%           | 0    | -           |
| ILD                           | RED     | 3     | 0             | -                 | 0     | -            | 0    | -           |
|                               | AMBER   | 19    | 1             | 5%                | 0     | -            | 0    | -           |
|                               | GREEN   | 9     | 1             | 11%               | 1     | 11%          | 0    | -           |
|                               | BLUE    | 5     | 1             | 20%               | 0     | -            | 0    | -           |
|                               | TOTAL   | 36    | 3             | 8%                | 1     | 3%           | 0    | -           |
| ASTHMA/COPD OVERLAP           | RED     | 7     | 1             | 14%               | 1     | 14%          | 0    | -           |
|                               | AMBER   | 20    | 2             | 10%               | 3     | 15%          | 0    | 5%          |
|                               | GREEN   | 5     | 0             | -                 | 0     | -            | 0    | -           |
|                               | BLUE    | 2     | 0             | -                 | 0     | -            | 1    | 50%         |
|                               | TOTAL   | 34    | 3             | 9%                | 4     | 12%          | 1    | 3%          |
| COVID                         | RED     | 7     | 1             | 14%               | 1     | 14%          | 0    | -           |
|                               | AMBER   | 1     | 0             | -                 | 0     | -            | 0    | -           |
|                               | GREEN   | 1     | 0             | -                 | 0     | -            | 0    | -           |
|                               | BLUE    | 9     | 2             | 22%               | 2     | 22%          | 3    | 44%         |
|                               | TOTAL   | 11    | 2             | 18%               | 2     | 18%          | 3    | 27%         |
| BRONCHIECTASIS                | RED     | 4     | 1             | 25%               | 2     | 50%          | 1    | 25%         |
|                               | AMBER   | 5     | 2             | 40%               | 2     | 40%          | 0    | -           |
|                               | GREEN   | 1     | 0             | -                 | 0     | -            | 0    | -           |
|                               | BLUE    | 0     | 0             | -                 | 0     | -            | 0    | -           |
|                               | TOTAL   | 10    | 3             | 30%               | 4     | 40%          | 1    | 10%         |
| EOL                           | RED     | 0     | 0             | -                 | 0     | -            | 0    | -           |
|                               | AMBER   | 0     | 0             | -                 | 0     | -            | 0    | -           |
|                               | GREEN   | 1     | 0             | -                 | 0     | -            | 0    | -           |
|                               | BLUE    | 8     | 1             | 13%               | 1     | 13%          | 5    | 63%         |
|                               | TOTAL   | 9     | 1             | 11%               | 1     | 11%          | 5    | 56%         |
| OTHER/UNKNOWN                 | RED     | 2     | 2             | 100%              | 1     | 50%          | 0    | -           |
|                               | AMBER   | 2     | 0             | -                 | 0     | -            | 0    | -           |
|                               | GREEN   | 10    | 1             | 10%               | 1     | 10%          | 0    | -           |
|                               | BLUE    | 3     | 0             | -                 | 0     | -            | 2    | 67%         |
|                               | TOTAL   | 17    | 3             | 18%               | 2     | 12%          | 2    | 12%         |

"." denotes nil in category