

## Supplementary material

**Supplementary Table 1.** Baseline medications.

| Baseline medications.                      | Total of deaths<br>(n = 324) |
|--|------------------------------|
| <b>Cardiovascular treatments—no. (%)</b>   |                              |
| ASA  | 89 (27.5)                    |
| AVK  | 57 (17.6)                    |
| DOAC                                       |                              |
|  | 24 (7.4)                     |
| Beta-blockers                              | 88 (27.2)                    |
| ACE-i                                      | 106 (32.7)                   |
| ARB  | 70 (21.6)                    |
| MRA  | 21 (6.5)                     |
| Sacubitril/valsartan                       | 3 (0.9)                      |
| Statins                                    | 137 (42.2)                   |
| Calcium-channel blockers                   | 73 (22.5)                    |
| Diuretics                                  | 119 (36.7)                   |
| Amiodarone                                 | 6 (1.9)                      |
| Other antiarrhythmic drugs                 | 4 (1.2)                      |
| <b>Immunosuppressive therapies—no. (%)</b> |                              |
| Corticosteroids                            | 40 (12.35)                   |
| Other immunosuppressive drugs              | 29 (8.9)                     |
| <b>Antibiotics—no. (%)</b>                 |                              |
| Potential QT prolongation                  | 38 (11.7)                    |
| Without effects on QT                      | 23 (7.1)                     |
| <b>Antipsychotic drugs—no. (%)</b>         |                              |
| 1 <sup>st</sup> generation                 | 2 (0.6)                      |
| 2 <sup>nd</sup> generation                 | 26 (8.0)                     |
| 3 <sup>rd</sup> generation                 | 2 (0.6)                      |
| Combinations                               | 4 (1.2)                      |
| <b>Antidepressant drugs—no. (%)</b>        |                              |
| SSRI                                       | 28 (8.6)                     |
| SNRI                                       | 8 (2.5)                      |
| TCAs TCA                                   | 1 (0.3)                      |
| Others                                     | 21 (6.5)                     |
| Combinations                               | 15 (4.6)                     |

Values are n (%) as indicated. ACE-i: angiotensin converting enzyme-inhibitor; ARB: angiotensin-II receptor blocker, ASA: acetylsalicylic acid, AVK: antivitamin K, DOAC: direct oral anticoagulant, MRA: mineralocorticoid receptor antagonist, SNRI: serotonin and norepinephrine reuptake inhibitor, SSRI: selective serotonin reuptake inhibitor, TCA: tricyclic antidepressant.

**Supplementary Table 2.** Radiological findings.

| Radiological findings                      | Total of deaths<br>(n = 324) |
|--|------------------------------|
| Lobar pneumonia—no. (%)                    | 39 (12.0)                    |
| Multi-lobar pneumonia—no. (%)              | 63 (19.4)                    |
| Bilateral pneumonia—no. (%)                | 213 (66.2)                   |
| Pleural effusion—no. (%)                   | 34 (10.5)                    |
| Non-specific radiological findings—no. (%) | 37 (11.4)                    |

Values are n (%) as indicated. Values are n (%). ACE-i: angiotensin converting enzyme-inhibitor; ARB: angiotensin-II receptor blocker, ASA: acetylsalicylic acid, AVK: antivitamin K, DOAC: direct oral anticoagulant, MRA: mineralocorticoid receptor antagonist, SNRI: serotonin and norepinephrine reuptake inhibitor, SSRI: selective serotonin reuptake inhibitor, TCA: tricyclic antidepressant.