

Table 3 Clinical outcomes of hypertensive and normotensive patients

| Variable               | Hypertensive      |      | Normotensive      |      | P-value |
|------------------------|-------------------|------|-------------------|------|---------|
|                        | No.               | %    | No.               | %    |         |
| <b>All patients</b>    | <b>(n = 4036)</b> |      | <b>(n = 4129)</b> |      |         |
| In-hospital death      | 168               | 4.5  | 185               | 4.5  | 1.0     |
| 1-month death          | 266               | 8.0  | 297               | 8.2  | 0.7     |
| 1-year death           | 386               | 13.3 | 374               | 11.8 | 0.08    |
| Heart failure          | 601               | 16.0 | 425               | 10.3 | < 0.001 |
| Recurrent ischaemia    | 613               | 16.4 | 601               | 14.7 | 0.04    |
| Re-infarction          | 77                | 2.1  | 91                | 2.2  | 0.6     |
| Cardiogenic shock      | 192               | 5.1  | 256               | 6.2  | 0.2     |
| Major bleeding         | 24                | 0.6  | 22                | 0.5  | 0.5     |
| Stroke                 | 35                | 0.9  | 18                | 0.4  | 0.007   |
| Haemorrhagic           | (9)               |      | (7)               |      |         |
| Thrombotic             | (20)              |      | (9)               |      |         |
| Unknown                | (6)               |      | (2)               |      |         |
| On ventilation         | 191               | 5.1  | 171               | 4.2  | 0.05    |
| VF/VT                  | 142               | 3.8  | 186               | 4.6  | 0.06    |
| Atrial fibrillation    | 66                | 1.8  | 38                | 0.9  | 0.001   |
| <b>STEMI</b>           | <b>(n = 1244)</b> |      | <b>(n = 2319)</b> |      |         |
| In-hospital death      | 105               | 8.4  | 141               | 6.1  | 0.008   |
| Heart failure          | 229               | 18.4 | 275               | 11.8 | < 0.001 |
| Recurrent ischemia     | 278               | 22.3 | 376               | 16.2 | < 0.001 |
| Re-infarction          | 55                | 4.4  | 71                | 3.1  | 0.03    |
| Cardiogenic shock      | 118               | 9.5  | 196               | 8.5  | 0.2     |
| Stroke                 | 21                | 1.7  | 16                | 0.7  | 0.005   |
| On ventilation         | 97                | 7.8  | 119               | 5.1  | 0.001   |
| VF/VT                  | 69                | 5.7  | 109               | 4.8  | 0.2     |
| <b>NSTEMI</b>          | <b>(n = 1374)</b> |      | <b>(n = 993)</b>  |      |         |
| In-hospital death      | 56                | 4.1  | 39                | 3.9  | 0.8     |
| Heart failure          | 267               | 19.4 | 112               | 11.3 | < 0.001 |
| Recurrent ischemia     | 193               | 14.0 | 135               | 13.6 | 0.7     |
| Re-infarction          | 19                | 1.4  | 19                | 1.9  | 0.3     |
| Cardiogenic shock      | 68                | 5.0  | 50                | 5.1  | 0.9     |
| Stroke                 | 8                 | 0.6  | 2                 | 0.2  | 0.1     |
| On ventilation         | 78                | 5.7  | 45                | 4.5  | 0.2     |
| VF/VT                  | 21                | 1.5  | 16                | 1.6  | 0.8     |
| <b>Unstable angina</b> | <b>(n = 1128)</b> |      | <b>(n = 789)</b>  |      |         |
| In-hospital death      | 7                 | 0.6  | 5                 | 0.6  | 0.9     |
| Heart failure          | 105               | 9.3  | 38                | 4.8  | < 0.001 |
| Recurrent ischemia     | 142               | 12.6 | 90                | 11.4 | 0.4     |
| Re-infarction          | 3                 | 0.3  | 1                 | 0.1  | 0.5     |
| Cardiogenic shock      | 6                 | 0.5  | 10                | 1.3  | 0.08    |
| Stroke                 | 6                 | 0.5  | 0                 | 0.0  | 0.04    |
| On ventilation         | 16                | 1.4  | 7                 | 0.9  | 0.2     |
| VF/VT                  | 3                 | 0.3  | 5                 | 0.6  | 0.2     |

STEMI = ST-elevation myocardial infarction; NSTEMI = non-ST elevation myocardial infarction; VF = ventricular fibrillation, VT = ventricular tachycardia.