

Table S1. Types of digital images done at the referring hospital according to disease category

| Image modality      | Value      | TTA (n=62) | Non-TTAt trauma (n=89) | Nontrauma (n=170) | P-value |
|---------------------|------------|------------|------------------------|-------------------|---------|
| <b>X-ray</b>        |            |            |                        |                   |         |
| Chest               | 225 (70.1) | 53 (85.5)  | 48 (53.9)              | 124 (72.9)        | <0.001  |
| Abdomen             | 73 (22.7)  | 4 (6.5)    | 7 (7.9)                | 62 (36.5)         | <0.001  |
| Pelvis              | 53 (16.5)  | 24 (38.7)  | 18 (20.2)              | 11 (6.5)          | <0.001  |
| Head                | 53 (16.5)  | 16 (25.8)  | 30 (33.7)              | 7 (4.1)           | <0.001  |
| Cervical spine      | 64 (19.9)  | 26 (41.9)  | 30 (33.7)              | 8 (4.7)           | <0.001  |
| Thoracolumbar spine | 46 (14.3)  | 12 (19.4)  | 15 (16.9)              | 19 (11.2)         | 0.207   |
| Extremity           | 93 (29.0)  | 26 (41.9)  | 43 (48.3)              | 24 (14.1)         | <0.001  |
| <b>CT</b>           |            |            |                        |                   |         |
| Brain               | 167 (52.0) | 47 (75.8)  | 50 (56.2)              | 70 (41.2)         | <0.001  |
| Face                | 42 (13.1)  | 17 (27.4)  | 25 (28.1)              | 0                 | <0.001  |
| Chest               | 92 (28.7)  | 34 (54.8)  | 15 (16.9)              | 43 (25.3)         | <0.001  |
| Abdomen             | 94 (29.3)  | 34 (54.8)  | 18 (20.2)              | 42 (24.7)         | <0.001  |
| Cervical spine      | 37 (11.5)  | 23 (37.1)  | 11 (12.4)              | 3 (1.8)           | <0.001  |
| Thoracolumbar spine | 15 (4.7)   | 6 (9.7)    | 4 (4.5)                | 5 (2.9)           | 0.119   |
| Extremity           | 22 (6.9)   | 5 (8.1)    | 11 (12.4)              | 6 (3.5)           | 0.023   |
| <b>MRI</b>          |            |            |                        |                   |         |
| Brain               | 19 (5.9)   | 3 (4.8)    | 1 (1.1)                | 15 (8.8)          | 0.043   |
| Cervical spine      | 5 (1.6)    | 2 (3.2)    | 0                      | 3 (1.8)           | 0.266   |
| Thoracolumbar spine | 15 (4.7)   | 1 (1.6)    | 4 (4.5)                | 10 (5.9)          | 0.464   |
| Extremity           | 4 (1.2)    | 0          | 1 (1.1)                | 3 (1.8)           | 0.817   |
| Electrocardiography | 50 (15.6)  | 7 (11.3)   | 6 (6.7)                | 37 (21.8)         | 0.004   |
| Angiography         | 5 (1.6)    | 0          | 0                      | 5 (2.9)           | 0.122   |
| Endoscopy           | 15 (4.7)   | 0          | 2 (2.2)                | 13 (7.6)          | 0.022   |
| Ultrasonography     | 44 (13.7)  | 1 (1.6)    | 6 (6.7)                | 37 (21.8)         | <0.001  |

Values are presented as number (%).

TTA, trauma team activation; CT, computed tomography; MRI, magnetic resonance image