Supplemental Table 2. Additional characteristics of patients with and without vasopressor (all patients and PS matched patients)

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|  | All patients (n=3551) | PS matched patients (n=596) |
| Variable | Vasopressor+(n=459) | Vasopressor-(n=3092) | p value | Vasopressor+(n=298) | Vasopressor-(n=298) | SD |
| Vital signs prehospital sBP (mmHg) HR (bpm) RR (bpm) | 91 (80-114)100(78-120)24 (20-30) | 92 (80-115)95 (78-116)24 (20-30) | 0.475\*0.006\*0.006\* | 90 (78-110)100 (78-120)24 (20-30) | 96 (80-116)96 (80-118)24 (20-30) | 0.140.100.10 |
| RTS  | 5.9 (4.5-6.4) | 6.4 (5.4-7.1) | <0.001\* | 6.1 (5.1-6.8) | 6.1 (5.1-6.8) | 0.01 |
| AIS Head (n=770) Face (n=553) Neck (n=168) Thorax (n=1831) Abdomen and Pelvis (n=1650) Cervical Spine (n=856) Upper extremity (n=1150) Lower extremity (n=2094) Others (n=171) | 3 (2-3)1 (1-2)3 (2-4)4 (3-4)3 (3-4)2 (2-3)2 (2-3)4 (3-5)1 (1-3) | 3 (2-3)1 (1-2)3 (1-3)4 (3-4)3 (3-4)2 (2-3)2 (2-3)3 (3-4)1 (1-1) | 0.353\*0.872\*0.121\*0.273\*0.008\*0.582\*0.363\*<0.001\*0.166\* | 3 (2-3)2 (1-2)3 (3-3)4 (3-4)3 (3-4)2 (2-3)2 (2-3)3 (3-5)1 (1-2) | 3 (1-3)1 (1-2)3 (2-3)4 (3-4)3 (3-4)2 (2-2)2 (2-3)3 (3-4)1 (1-2) | 0.180.290.590.020.010.490.000.300.20 |
| TRISS (Probability of survival) (%) | 70 (43-90) | 85 (63-94) | <0.001\* | 70 (44-88) | 74 (47-88) | 0.07 |
| Premorbid medical conditions Stroke Dementia Coronary heart disease Congestive heart failure Chronic obstructive lung disease Chronic hepatitis Peptic ulcer Chronic renal failure Diabetes Malignancy Use of corticosteroids or immunosuppressant drugs | 22/459 (4.8%)18/459 (3.9%)19/459 (4.1%)8/459 (1.7%)6/459 (1.3%)11/459 (2.4%)11/459 (2.4%)5/459 (1.1%)44/459 (9.6%)6/459 (1.3%)6/459 (1.3%) | 94/3092 (3.0%)96/3092 (3.1%)88/3092 (2.8%)47/3092 (1.5%)23/3092 (0.7%)62/3092 (2.0%)46/3092 (1.5%)29/3092 (0.9%)252/3092 (8.2%)59/3092 (1.9%)18/3092 (0.6%) | 0.049†0.354†0.130†0.718†0.211†0.581†0.148†0.756†0.299†0.370†0.077† | 15/298 (5.0%)12/298 (4.0%)9/298 (3.0%)5/298 (1.7%)4/298 (1.3%)9/298 (3.0%)10/298 (3.4%)5/298 (1.7%)29/298 (9.7%)4/298 (1.3%)4/298 (1.3%) | 9/298 (3.0%)5/298 (1.7%)7/298 (2.3%)4/298 (1.3%)2/298 (0.7%)7/298 (2.3%)2/298 (0.7%)2/298 (0.7%)23/298 (7.7%)5/298 (1.7%)1/298 (0.3%) | 0.100.140.040.030.060.040.190.090.07-0.030.11 |
| FAST Positive Negative Not conducted | 194/439 (44%)208/439 (47%)37/439 (8.4%) | 974/2955 (33%)1568/2955 (53%)413/2955 (14%) | <0.001† | 115/286 (40%)147/286 (51%)24/286 (8.4%) | 111/291 (38%)155/291 (53%)25/291 (8.6%) | 0.04-0.040.00 |
| Blood Transfusion Massive Transfusion | 223/459 (49%) | 832/3092 (27%) | <0.001† | 112/298 (38%) | 135/298 (45%) | -0.14 |
| Operation at initial evaluation Thoracotomy Laparotomy | 39/459 (8.5%)155/459 (34%) | 198/3092 (6.4%)684/3092 (22%) | 0.094†<0.001† | 21/298 (7.0%)98/298 (33%) | 31/298 (10%)89/298 (30%) | -0.100.06 |
| Catheter-based angiography Chest Abdomen Pelvis | 22/459 (4.8%)98/459 (21%)125/459 (27%) | 137/3092 (4.4%)593/3092 (19%)590/3092 (19%) | 0.726†0.273†<0.001† | 8/298 (2.7%)63/298 (21%)80/298 (27%) | 15/298 (5.0%)57/298 (19%)67/298 (23%) | -0.110.050.09 |
| TAE | 116/459 (25%) | 668/3092 (22%) | 0.077 | 76/298 (26%) | 77/298 (26%) | 0.00 |

PS, propensity score; sBP, systolic blood pressure; HR, heart rate; RR, respiratory rate; RTS, revised trauma score; AIS, abbreviated injury scale; TRISS, trauma and injury severity score; FAST, focused assessment with sonography for trauma; TAE, transcatheter arterial embolization.

\*Man -Whitney U test, †Chi-Square test.

 Missing: All patients: sBP at prehospital=1158, HR at prehospital=616, RR at prehospital=862, RTS=386, TRISS=548, FAST=157: PS matched patients: sBP at prehospital=210, HR at prehospital=111, RR at prehospital=144, TRISS=16, FAST=19.