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| --- |
| **Supplementary table 1. Associations between patient- and injury characteristics and ICU admission, adjusted OR (95 % CI).** |
|  | **OR (95 % CI)** | **p-value** |
| **Gender** **Female** **Male** | Ref.1.35 (1.19-1.53) | < 0.001 |
| **Age** **< 30 years** **30-39 years** **40-49 years** **50-59 years** **60-69 years** **70-79 years** **80-89 years** **> 89 years** | Ref.0.85 (0.72-1.01)1.06 (0.90-1.25)0.98 (0.82-1.17)1.29 (1.07-1.56)1.29 (1.02-1.64)0.81 (0.60-1.09)0.29 (0.16-0.54) | 0.0710.4820.7990.0070.0340.165< 0.001 |
| **CCI, categories** **0** **1** **≥ 2** | Ref.1.18 (0.99-1.40)1.08 (0.89-1.31) | 0.0660.435 |
| **Penetrating injury** | 1.77 (1.47-2.12) | < 0.001 |
| **Nocturnal admission** | 1.43 (1.28-1.60) | < 0.001 |
| **ISS, categories** **0-15** **16-24** **25-40** **> 40** | Ref.10.16 (8.93-11.58)35.66 (30.09-42.27)284.10 (125.02-645.59) | < 0.001< 0.001< 0.001 |
| **Prehospital airway** | 247.41 (60.12-1018.21) | < 0.001 |
| **Shock on arrival** | 4.22 (2.90-6.13) | < 0.001 |

ICU, Intensive Care Unit; OR, odds ratio; CI, confidence interval; CCI, Charlson Comorbidity Index; ISS, Injury Severity Score.