Table S1: International Classification of Diseases, Ninth Revision (ICD-9) codes used to identify Severity of TBI

|  |  |
| --- | --- |
| Severity of TBI | ICD-9 Codes |
| Mild TBI | 310.2; 800.02; 800.06; 800.09; 800.40; 800.41; 800.42; 800.46; 800.49; 800.52; 800.56; 800.59; 800.90; 800.91; 800.92; 800.96; 800.99; 801.02; 801.06; 801.09; 801.40; 801.41; 801.42; 801.46; 801.49; 801.52; 801.56; 801.59; 801.90; 801.91; 801.92; 801.96; 801.99; 803.02; 803.06; 803.09; 803.40; 803.41; 803.42; 803.46; 803.49; 803.52; 803.56; 803.59; 803.90; 803.91; 803.92; 803.96; 803.99; 804.02; 804.06; 804.09; 804.40; 804.41; 804.42; 804.46; 804.49; 804.52; 804.56; 804.59; 804.90; 804.91; 804.92; 804.96; 804.99; 850.11; 850.5; 850.9; 854.00; 854.01; 854.02; 854.06; 854.09; V15.52 |
| Moderate/Severe TBI | 800.03; 800.04; 800.05; 800.1x; 800.2x; 800.3x; 800.43; 800.44; 800.45; 800.53; 800.54; 800.55; 800.6x; 800.7x; 800.8x; 800.93; 800.94; 800.95; 801.03; 801.04; 801.05; 801.1x; 801.2x; 801.3x; 801.43; 801.44; 801.45; 801.53; 801.54; 801.55; 801.6x; 801.7x; 801.8x; 801.93; 801.94; 801.95; 803.03; 803.04; 803.05; 803.1x; 803.2x; 803.3x; 803.43; 803.44; 803.45; 803.53; 803.54; 803.55; 803.6x; 803.7x; 803.8x; 803.93; 803.94; 803.95; 804.03; 804.04; 804.05; 804.1x; 804.2x; 804.3x; 804.43; 804.44; 804.45; 804.53; 804.54; 804.55; 804.6x; 804.7x; 804.8x; 804.93; 804.94; 804.95;  850.12; 850.2; 850.3; 850.4; 851.xx; 852.xx; 853.xx; 854.03; 854.04; 854.05; 854.1x |

The ICD-9 code of 850.1 cannot be clearly classified by severity. Therefore, it was included in the any TBI analyses, but excluded from the TBI severity analyses.