

**Table S1.** Case definitions of TBI related deaths, external causes of deaths and hospital discharges due to TBI.

ICD-10 codes used to define TBI in the causes of death dataset		ICD-10 codes used to define external causes of injury in fatal TBI	
S00	Superficial injury of head	V01–V99	Transport accidents
S01	Open wound of head	W00–W19	Falls
S02	Fracture of skull and facial bones	X60–X84	Intentional self-harm
S03	Dislocation and sprain of joints and ligaments of head	X85–Y09	Assault
S04	Injury of cranial nerve	Y10–Y89	Other
S05	Injury of eye and orbit		
S06	Intracranial injury	IHMT categories used to define TBI in hospital discharges	
S07	Crushing injury of head		
S08	Avulsion and traumatic amputation of part of head	ISHMT 1901	Intracranial injuries, includes ICD-10 code S06
S09	Other and unspecified injuries of head	ISHMT 1902	Other head injuries, includes ICD-10 codes S00–S05 and S07–S09
T90	Sequelae of injuries of head		

ISHMT: International Shortlist for Hospital Morbidity Tabulation.