Supplementary Material

## Supplementary Figures



**Supplementary Figure 1.** Effects of pharmacological treatment duration (methylphenidate and atomoxetine) on adult ADHD and risk of injury diseases. \*CI, confidence interval; HR, hazard ratio

## Supplementary Tables

**Supplement Table 1.** ICD-10 codes for injury diseases

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| Injury diseases | ICD-10 codes |
| Fractures  | -S02.0~9 Fracture of skull and facial bones-S12.0~9 Fracture of neck-S22.0~9 Fracture of rib(s), sternum and thoracic spine-S32.0~8 Fracture of lumbar spine and pelvis-S42.0~9 Fracture of shoulder and upper arm-S52.0~9 Fracture of forearm-S62.0~8 Fracture of wrist and hand level-S72.0~9 Fracture of femur-S82.0~9 Fracture of lower leg, including ankle-S92.0~9 Fracture of foot, except ankle-T02.0~9 Fractures involving multiple body regions-T08 Fracture of spine, level unspecified-T10 Fracture of upper limb, level unspecified-T12 Fracture of lower limb, level unspecified-T14.2 Fracture of unspecified body region |
| Dislocations  | -S03.0~3 Dislocation, sprain and strain of joints and ligament of head-S13.0~3 Dislocation, sprain and strain of joints and ligaments at neck level-S23.0~2 Dislocation, sprain and strain of joints and ligaments of thorax-S33.0~3 Dislocation, sprain and strain of joints and ligaments of lumbar spine and pelvis-S43.0~3 Dislocation, sprain and strain of joints and ligaments of shoulder girdle-S53.0~1 Dislocation, sprain and strain of joints and ligaments of elbow-S63.0~3 Dislocation, sprain and strain of joints and ligaments at wrist and hand level-S73.0 Dislocation, sprain and strain of joint and ligaments of hip-S83.0~1 Dislocation, sprain and strain of joints and ligaments of knee-S93.0~1 Dislocation, sprain and strain of joints and ligaments at ankle and foot level-T03.0~9 Dislocation, sprains and strains involving multiple body regions-T14.3 Dislocation, sprain and strain of unspecified body region |
| Sprains and strains  | -S03.4~5 Dislocation, sprain and strain of joints and ligament of head-S09.1 Injury of muscle and tendon of head-S13.4~6 Dislocation, sprain and strain of joints and ligaments at neck level-S16 Injury of muscle and tendon at neck level-S23.3~5 Dislocation, sprain and strain of joints and ligaments of thorax-S33.4~7 Dislocation, sprain and strain of joints and ligaments of lumbar spine and pelvis-S43.4~7 Dislocation, sprain and strain of joints and ligaments of shoulder girdle-S46.0~9 Injury of muscle and tendon at shoulder and upper arm level-S53.2~4 Dislocation, sprain and strain of joints and ligaments of elbow-S56.0~9 Injury of muscle and tendon at forearm level-S63.4~7 Dislocation, sprain and strain of joints and ligaments at wrist and hand level-S66.0~9 Injury of muscle and tendon at wrist and hand level-S73.1 Dislocation, sprain and strain of joint and ligaments of hip-S76.0~7 Injury of muscle and tendon at hip and thigh level-S83.2~7 Dislocation, sprain and strain of joints and ligaments of knee-S86.0~9 Injury of muscle and tendon at lower leg level-S93.2~6 Dislocation, sprain and strain of joints and ligaments at ankle and foot level-S96.0~9 Injury of muscle and tendon at ankle and foot level-T03.0~9 Dislocation, sprains and strains involving multiple body regions-T06.4 Injuries of muscles and tendons involving multiple body regions-T09.2 Dislocation, sprain and strain of unspecified joint and ligament of trunk-T09.5 Injury of unspecified muscle and tendon of trunk-T11.2 Dislocation, sprain and strain of unspecified joint and ligament of upper limb, level unspecified-T11.5 Injury of unspecified muscle and tendon of upper limb, unspecified-T13.2 Dislocation, sprain and strain of unspecified joint and ligament of lower limb, level unspecified-T13.5 Injury of unspecified muscle and tendon of lower limb, unspecified-T14.6 Injury of muscles and tendons of unspecified body region |
| Intracranial/internal injuries  | -S06.0~9 Intracranial injury-S26.0~9 Injury of heart-S27.0~9 Injury of other and unspecified intrathoracic organs-S36.0~9 Injury of intra-abdominal organs-S37.0~9 Injury of urinary and pelvic organs-T06.5 Injuries of intrathoracic organs with intra-abdominal and pelvic organs-S05.0~9 Injury of eye and orbit |
| Open wounds  | -S01.0~9 Open wound of head-S08.0~9 Traumatic amputation of part of head-S11.0~9 Open wound of neck-S18 Traumatic amputation at neck level-S21.0~9 Open wound of thorax-S28.0 Traumatic amputation of thorax-S31.0~8 Open wound of abdomen, lower back and pelvis-S38.2~3 Crushing injury and traumatic amputation of part of abdomen, lower back and pelvis-S41.0~8 Open wound of shoulder and upper arm-S48.0~9 Traumatic amputation of shoulder and upper arm level-S51.0~9 Open wound of forearm-S58.0~9 Traumatic amputation of forearm-S61.0~9 Open wound of wrist and hand-S68.0 Traumatic amputation of wrist and hand-S71.0~8 Open wound of hip and thigh-S78.0~9 Traumatic amputation of hip and thigh-S81.0~9 Open wound of lower leg-S88.0~9 Traumatic amputation of lower leg-S91.0~7 Open wound of ankle and foot-S98.0~4 Traumatic amputation of ankle and foot-T01.0~9 Open wounds involving multiple body regions-T05.0~9 Traumatic amputations involving multiple body regions-T09.1 Open wound of trunk, level unspecified-T09.6 Traumatic amputation of trunk, level unspecified-T11.1 Open wound of upper limb, level unspecified-T11.6 Traumatic amputation of upper limb, unspecified-T13.1 Open wound of lower limb, level unspecified-T13.6 Traumatic amputation of lower limb, unspecified-T14.1 Open wound of unspecified body region |
| Injury to blood vessels  | -S09.0 Injury of blood vessels of head, not elsewhere classified-S15.0~9 Injury of blood vessels at neck level-S25.0~9 Injury of blood vessels of thorax-S35.0~9 Injury of blood vessels at abdomen, lower back and pelvis level-S45.0~9 Injury of blood vessels at shoulder and upper arm level-S55.0~9 Injury of blood vessels at forearm level-S65.0~9 Injury of blood vessels at wrist and hand level-S75.0~9 Injury of blood vessels at hip and thigh level-S85.0~9 Injury of blood vessels at lower leg level-S95.0~9 Injury of blood vessesl at ankle and foot level-T06.3 Injuries of blood vessels involving multiple body regions-T11.4 Injury of unspecified blood vessel of upper limb, level unspecified-T13.4 Injury of unspecified blood vessel of lower limb, level unspecified-T14.5 Inury of blood vessel(s) of unspecified body region |
| Superficial injuries, contusions  | -S00.0~9 Superificial injury of head-S09.2 Traumatic rupture of ear drum-S10.0~9 Superficial injury of neck-S20.0~8 Superficial injury of thorax-S30.0~9 Superficial injury of abdomen, lower back and pelvis-S40.0~9 Superficial injury of shoulder and upper arm-S50.0~9 Superficial injury of forearm-S60.0~9 Superficial injury of wrist and hand-S70.0~9 Superficial injury of hip and thigh-S80.0~9 Superficial injury of lower leg-S90.0~9 Superficial injury of ankle and foot-T00.0~9 Superficial injuries involving multiple body regions-T09.0 Superficial injury of trunk, level unspecified-T11.0 Superficial injury of upper limb, level unspecified-T13.0 Superficial injury of lower limb, level unspecified-T14.0 Superficial injury of unspecified body region |
| Crushing injuries  | -S07.0~9 Crushing injury of head-S17.0~9 Crushing injury of neck-S28.0 Crushing injury of thorax and traumatic amputation of part of thorax-S38.0~1 Crushing injury and traumatic amputation of part of abdomen, lower back and pelvis-S47 Crushing injury of shoulder and upper arm level-S57.0~9 Crushing injury of forearm-S67.0~8 Crushing injury of wrist and hand-S77.0~2 Crushing injury of hip and thigh-S87.0~8 Crushing injury of lower leg-S97.0~8 Crushing injury of ankle and foot-T04.0~9 Crushing injuries involving mulitple body regions-T14.7 Crushing injury and traumatic amputation of unspecified body region |
| Burns  | T20-T32 Burns and corrosions |
| Injury to nerves andspinal cord  | -S04.0~9 Injury of cranial nerves-S14.0~6 Injury of nerves and spinal cord at neck level-S24.0~6 Injury of nerves and spinal cord at thorax level-S34.0~8 Injury of nerves and lumbar spinal cord at abdomen, lower back and pelvis level-S44.0~9 Injury of nerves at shoulder and upper arm level-S54.0~9 Injury of nerves at forearm level-S64.0~9 Injury of nerves at wrist and hand level-S74.0~9 Injury of nerves at hip and thigh level-S84.0~9 Injury of nerves at lower leg level-S94.0~9 Injury of nerves at ankle and foot level-T06.0 Injuries of brain and cranial nerves with injuries of nerves and spinal cord at neck level-T06.1 Injuries of nerves and spinal cord involving other multiple body regions-T06.2 Injuries of nerves involving multiple body regions-T09.3 Injury of spinal cord, level unspecified-T09.4 Injury of unspecified nerve, spinal nerve root and plexus of trunk-T11.3 Injury of unspecified nerve of upper limb, level unspecified-T13.3 Injury of unspecified nerve of lower limb, level unspecified-T14.4 Inury of nerve(s) of unspecified body region |
| Poisoning  | -T36~T50 Poisoning by drugs, medicaments and biological substances-T51~T65 Toxic effecs of substances chiefly nondicinal as to source |
| Other specified andunspecifiec injuries  | -S09.7 Multiple injuries of head-S09.8 Other specified injuries of head-S09.9 Unspecified injury of head-S19 Other and unspecified injuries of neck-S29.0~9 Other and unspecified injuries of thorax-S39 Other and unspecified injuries of abdomen, lower back and pelvis-S49.0~9 Other and unspecified injuries of shoulder and upper arm-S59.7~9 Other and unspecified injuries of forearm-S69.7~9 Other and unspecified injuries of wrist and hand-S79.7~9 Other and unspecified injuries of hip and thigh-S89.7~9 Other and unspecified injuries of lower leg-T06.8 Other specified injuries involving multiple body regions-T07 Unspecified multiple injuries-T09.8 Other specified injuries of trunk, level unspecified-T09.9 Unspecified injury of trunk, level unspecified-T11.8 Other specified injuries of upper limb, level unspecified-T11.9 Unspecified injury of upper limb, level unspecified-T13.8 Other specified injuries of lower limb, level unspecified-T13.9 Unspecified injury of lower limb, level unspecified-T14.8 Other injuries of unspecified body region-T14.9 Injury, unspecified |

**Supplement Table 2.** ICD-10 codes for comorbid psychiatric disorder

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| Comorbid psychiatric disorder |
| Mood disorder | F30, F31, F32, F33, F34, F38, F39 |
| Anxiety disorder | F40,F41 |
| Stress-related disorder | F42 |
| Substance-related disorder | F10, F11, F12, F13, F14, F15, F16, F17, F18, F19 |