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| **Supplementary table A: Diagnostic groups** |
| **DIS codea****DSM-IV** | **Description DIS codea** | **Diagnostic groups pre-defined** **by Statistics Netherlands** |
| *as1\_1* | *disorders with onset usually occurring in childhood and adolescence* |  |
| as1\_1.01 | Specific developmental disorders of scholastic skills | Other disorders of childhood  |
| as1\_1.02 | Specific developmental disorder of motor function | Other disorders of childhood  |
| as1\_1.03 | Specific developmental disorders of speech and language | Other disorders of childhood  |
| as1\_1.04 | Pervasive developmental disorders | Pervasive development disorders  |
| as1\_1.05 | Attention-deficit hyperactivity disorders | Attention deficit and conduct disorders  |
| as1\_1.06 | feeding disorders of infancy and childhood | Other disorders of childhood  |
| as1\_1.07 | Tic disorder | Other disorders of childhood  |
| as1\_1.08 | Enuresis/ Encopresis | Other disorders of childhood  |
| as1\_1.09 | Other behavioral and emotional disorders with onset usually occurring in childhood and adolescence | Other disorders of childhood |
| *as1\_2* | *Delirium, dementia, amnesia and other cognitive disorders*  |   |
| as1\_2.01 | Delirium | Neurocognitive disorders |
| as1\_2.02 | Dementia | Neurocognitive disorders |
| as1\_2.03 | Amnestic disorder | Neurocognitive disorders  |
| as1\_2.04 | Other cognitive disorders | Neurocognitive disorders |
| *as1\_3* | *Other mental disorders due to known physiological condition* |   |
| as1\_3.01 | Catatonic disorder due to known physiological condition | Other diagnoses  |
| as1\_3.02 | Personality and behavioral disorders due to known physiological condition | Other diagnoses  |
| as1\_3.03 | Unspecified mental disorder due to known physiological condition | Other diagnoses  |
| *as1\_4* | *Mental and behavioral disorders due to psychoactive substance use* |   |
| as1\_4.01 | Alcohol related disorders  | Alcohol related disorders  |
| as1\_4.02 | Amphetamine related disorders | Other substance related disorders  |
| as1\_4.03 | Caffeine related disorders | Other substance related disorders  |
| as1\_4.04 | Cannabis related disorders | Other substance related disorders  |
| as1\_4.05 | Cocaine related disorders | Other substance related disorders  |
| as1\_4.06 | Hallucinogen related disorders | Other substance related disorders  |
| as1\_4.07 | Inhalant related disorders | Other substance related disorders  |
| as1\_4.08 | Nicotine related disorders | Other substance related disorders  |
| as1\_4.09 | Opioid related disorders | Other substance related disorders  |
| as1\_4.10 | Fencyclidine related disorders | Other substance related disorders  |
| as1\_4.11 | Sedative, hypnotic, or anxiolytic related disorders | Other substance related disorders  |
| as1\_4.12 | Multiple psychoactive substance related disorders | Other substance related disorders  |
| as1\_4.13 | Other psychoactive substance related disorders | Other substance related disorders  |
| *as1\_5* | *Schizophrenia and other psychotic disorders* |   |
| as1\_5.01 | Schizophrenia | Schizophrenia and other psychotic disorders  |
| as1\_5.02 | Schizophreniform disorder | Schizophrenia and other psychotic disorders |
| as1\_5.03 | Schizoaffective disorders | Schizophrenia and other psychotic disorders |
| as1\_5.04 |  Delusional disorders | Schizophrenia and other psychotic disorders |
| as1\_5.05 | Brief psychotic disorder | Schizophrenia and other psychotic disorders |
| as1\_5.06 | Shared psychotic disorde | Schizophrenia and other psychotic disorders |
| as1\_5.07 | Psychotic disorder due to known physiological condition | Schizophrenia and other psychotic disorders  |
| *as1\_6* | *Mood disorders* |   |
| as1\_6.01 | Depressive disorders | Depressive disorders  |
| as1\_6.02 | Bipolar and related mood disorders | Bipolar and related mood disorders  |
| *as1\_7* | *Anxiety and stress related disorders* |   |
| as1\_7.01 | Panic disorder without agoraphobia | Anxiety disorders |
| as1\_7.02 | Panic disorder with agoraphobia | Anxiety disorders |
| as1\_7.03 | Agoraphobia without panic disorder | Anxiety disorders |
| as1\_7.04 | Specific (isolated) phobias | Anxiety disorders |
| as1\_7.05 | Social phobias | Anxiety disorders |
| as1\_7.06 | Obsessive-compulsive disorder | Anxiety disorders |
| as1\_7.07 | Post-traumatic stress disorder | Anxiety disorders |
| as1\_7.08 | Acute stress reaction | Anxiety disorders |
| as1\_7.09 | Generalized anxiety disorder | Anxiety disorders |
| as1\_7.10 | Anxiety disorder due to known physiological condition | Anxiety disorders |
| as1\_7.11 | Substance related anxiety disorder | Anxiety disorders  |
| as1\_7.12 | Anxiety disorder, unspecified | Anxiety disorders |
| *as1\_8* | *Somatoform disorders* |   |
| as1\_8.01 | Somatization disorder | Somatic symptom disorders |
| as1\_8.02 | Undifferentiated somatoform disorder | Somatic symptom disorders |
| as1\_8.03 | Conversion disorders | Somatic symptom disorders |
| as1\_8.04 | Pain disorders related to psychological factors | Somatic symptom disorders  |
| *as1\_10* | *Dissociative and conversion disorders* |  |
| as1\_10.01 | Dissociative amnesia | Other diagnosis |
| as1\_10.02 | Dissociative fugue | Other diagnosis |
| as1\_10.03 | Dissociative identity disorder | Other diagnosis |
| as1\_10.04 | Depersonalization-derealization syndrome | Other diagnosis |
| as1\_10.05 | Dissociative and conversion disorder, unspecified | Other diagnosis |
| *as1\_11* | *Sexual dysfunction* |   |
| as1\_11.01 | Hypoactive sexual desire disorder | Other diagnosis  |
| as1\_11.02 | Sexual arousal disorders | Other diagnosis  |
| as1\_11.03 | Orgasmic disorder | Other diagnosis  |
| as1\_11.04 | Vaginismus/ Dyspareunia | Other diagnosis |
| as1\_11.05 | Sexual dysfunction due to physiological condition | Other diagnosis  |
| as1\_11.06 | Sexual dysfunction due to a substance | Other diagnoses  |
| as1\_11.07 | Paraphilias |  Other diagnoses |
| as1\_11.08 | Gender identity disorders | Other diagnoses  |
| as1\_11.09 | Unspecified sexual dysfunction | Other diagnoses  |
| *as1\_12* | *Eating disorders* |   |
| as1\_12.01 | Anorexia nervosa | Feeding and eating disorders |
| as1\_12.02 | Bulimia nervosa | Feeding and eating disorders |
| as1\_12.03 | Eating disorder, unspecified | Feeding and eating disorders |
| *as1\_13* | *Sleep disorders* |   |
| as1\_13.01 | Primary sleep disorders | Other diagnoses  |
| as1\_13.02 | sleep disorders due to other mental disorder | Other diagnoses  |
| as1\_13.03 | Other sleep disorders not due to a substance or known physiological condition | Other diagnoses  |
| as1\_13.04 | Other sleep disorders not due to a substance |   Other diagnoses |
| as1\_13.07 | Sleep disorder, unspecified | Other diagnoses  |
| *as1\_14* | *Impulse disorders* |   |
| as1\_14.01 |  Intermittent explosive disorder | Other diagnoses  |
| as1\_14.02 | Kleptomania | Other diagnoses  |
| as1\_14.03 | Pyromania | Other diagnoses  |
| as1\_14.04 | Pathological gambling | Other diagnoses  |
| as1\_14.05 | Trichotillomania | Other diagnoses  |
| as1\_14.06 |  Impulse disorder, unspecified | Other diagnoses  |
| as1\_14.07 | Other impulse disorders | Other diagnoses  |
| *as1\_15* | *Adjustment disorders* |   |
| as1\_15.01 | Adjustment disorders | Conducting disordersb  |
| *as1\_17* | *Other problems that are a reason for concern* |   |
| as1\_17.01 | Psychological and behavioral factors associated with disorders or diseases classified elsewhere | Other problems that are a reason for concern  |
| as1\_17.02 | Drug-induced extrapyramidal and movement disorders | Other problems that are a reason for concern  |
| as1\_17.03 | Unspecified adverse effect of drug or medicament | Other problems that are a reason for concern  |
| as1\_17.04 | problems related to primary support group | Other problems that are a reason for concern  |
| as1\_17.05 | Problems related to abuse or neglect | Other problems that are a reason for concern  |
| as1\_17.06 | Additional problems that are a reason for concern | Other problems that are a reason for concern  |
| *as1\_18* | *Additional code/no diagnosis* |   |
| as1\_18.01 | Unspecified mental disorder | Other diagnoses  |
| as1\_18.02 | No diagnose  | Other diagnoses  |
| as1\_18.03 | Diagnose postponed | Other diagnoses  |
| *as1\_19* | *Primary childhood disorder* |   |
| as1\_19.01 | Post-traumatic stress disorder, childhood | Other diagnoses  |
| as1\_19.02 | Affective disorders, childhood | Other diagnoses  |
| as1\_19.03 | Adjustment disorders, childhood | Other diagnoses  |
| as1\_19.04 | Regulation disorders, childhood | Other diagnoses  |
| as1\_19.05 | Sleep disorders, childhood | Other diagnoses  |
| as1\_19.06 | Eat disorders, childhood | Other diagnoses  |
| as1\_19.07 | Relation and communication disorder, childhood | Other diagnoses  |
| *as2\_16* | *Personality disorders* |  |
| as2\_16.01 | Cluster A personality disorders | Personality disorders |
| as2\_16.02 | Cluster B personality disorders | Personality disorders |
| as2\_16.03 | Cluster C personality disorders | Personality disorders |
| as2\_16.04 | Personality disorders, unspecified | Personality disorders |

a DIC code = represents DIagnosis treatment Combination products that can be claimed by the Dutch insurance compagnies. The codes are determined by the Dutch Healthcare authority and are linked to diagnoses established in *Diagnostic and Statistical Manual of Mental Disorders, 4th edition* (DSM-IV); b Due to changes in financing this diagnostic group conducting disorder’ is no longer used and therefore not taken into account in this study