# Supplementary Materials for Elemental psychopathology: Distilling constituent symptoms and patterns of repetition in the diagnostic criteria of the DSM-5

Table S1. List of all primary disorders not directly represented in analyses	2
More detail on the NLP approach (including Table S2)	5
Table S3. All symptoms that repeat across chapters	
Figures S1-S21 appended to this document	

Table S1. List of all primary disorders not directly represented in analyses.

DSM-5 Disorder	Reason not included
Intellectual Disability	No new symptoms - relies on medical or specialised testing
Global Developmental Delay	Child specific symptoms
Unspecified Intellectual Disability	No new symptoms
Unspecified Communication Disorder	No new symptoms
Other Specified Attention-Deficit/ Hyperactivity	• •
Disorder	No new symptoms
Unspecified Attention-Deficit/ Hyperactivity Disorder	No new symptoms
Other Specified Tic Disorder	No new symptoms
Unspecified Tic Disorder	No new symptoms
Other Specified Neurodevelopmental Disorder	No new symptoms
Unspecified Neurodevelopmental Disorder	No new symptoms
Substance/Medication-Induced Psychotic Disorder	No new symptoms
Psychotic Disorder Due to Another Medical Condition	No new symptoms
Catatonic Disorder Due to Another Medical Condition	No new symptoms
Unspecified Catatonia	No new symptoms
Other Specified Schizophrenia Spectrum and Other Psychotic Disorder	No new symptoms
Unspecified Schizophrenia Spectrum and Other Psychotic Disorder	No new symptoms
Substance/Medication-Induced Bipolar and Related Disorder	No new symptoms
Bipolar and Related Disorder Due to Another Medical Condition	No new symptoms
Other Specified Bipolar and Related Disorder	No new symptoms
Unspecified Bipolar and Related Disorder	No new symptoms
Substance/Medication-Induced Depressive Disorder	No new symptoms
Depressive Disorder Due to Another Medical Condition	No new symptoms
Other Specified Depressive Disorder	No new symptoms
Unspecified Depressive Disorder	No new symptoms
Substance/Medication-Induced Anxiety Disorder	No new symptoms
Anxiety Disorder Due to Another Medical Condition	No new symptoms
Other Specified Anxiety Disorder	No new symptoms
Unspecified Anxiety Disorder	No new symptoms
Substance/Medication-Induced Obsessive-Compulsive and Related Disorder	No new symptoms
Obsessive-Compulsive and Related Disorder Due to Another Medical Condition	No new symptoms
Unspecified Obsessive-Compulsive and Related Disorder Reactive Attachment Disorder	No new symptoms
	Child specific symptoms
Disinhibited Social Engagement Disorder Other Specified Trauma, and Streeper Polated	Child specific symptoms
Other Specified Trauma- and Stressor-Related Disorder	No new symptoms
Unspecified Trauma- and Stressor-Related Disorder	No new symptoms
Unspecified Dissociative Disorder	No new symptoms
Psychological Factors Affecting Other Medical Conditions	No new symptoms
Unspecified Somatic Symptom and Related Disorder	No new symptoms
Unspecified Feeding or Eating Disorder	No new symptoms

DSM-5 Disorder	Reason not included
Other Specified Elimination Disorder	No new symptoms
Unspecified Elimination Disorder	No new symptoms
Central Sleep Apnea	No new symptoms - relies on medical or specialised testing
Sleep-Related Hypoventilation	No new symptoms - relies on medical or specialised testing
Substance/Medication-Induced Sleep Disorder	No new symptoms
Other Specified Insomnia Disorder	No new symptoms
Unspecified Insomnia Disorder	No new symptoms
Other Specified Hypersomnolence Disorder	No new symptoms
Unspecified Hypersomnolence Disorder	No new symptoms
Other Specified Sleep-Wake Disorder	No new symptoms
Unspecified Sleep-Wake Disorder	No new symptoms
Substance/Medication-Induced Sexual Dysfunction	No new symptoms
Other Specified Sexual Dysfunction	No new symptoms
Unspecified Sexual Dysfunction	No new symptoms
Other Specified Gender Dysphoria	No new symptoms
Unspecified Gender Dysphoria	No new symptoms
Other Specified Disruptive, Impulse-Control, and Conduct Disorder	No new symptoms
Unspecified Disruptive, Impulse-Control, and Conduct Disorder	No new symptoms
Unspecified Alcohol-Related Disorder	No new symptoms
Unspecified Caffeine-Related Disorder	No new symptoms
Unspecified Cannabis-Related Disorder	No new symptoms
Unspecified Phencyclidine-Related Disorder	No new symptoms
Unspecified Hallucinogen-Related Disorder	No new symptoms
Unspecified Inhalant-Related Disorder	No new symptoms
Unspecified Opioid-Related Disorder	No new symptoms
Unspecified Sedative-, Hypnotic-, or Anxiolytic-Related Disorder	No new symptoms
Unspecified Stimulant-Related Disorder	No new symptoms
Unspecified Tobacco-Related Disorder	No new symptoms
Other (or Unknown) Substance Withdrawal	No new symptoms
Unspecified Other (or Unknown) Substance–Related Disorder	No new symptoms
Other Specified Delirium	No new symptoms
Unspecified Delirium	No new symptoms
Major or Mild Neurocognitive Disorder Due to Alzheimer's Disease	No new symptoms
Major or Mild Vascular Neurocognitive Disorder	No new symptoms
Major or Mild Neurocognitive Disorder Due to Traumatic Brain Injury	No new symptoms
Substance/Medication-Induced Major or Mild Neurocognitive Disorder	No new symptoms
Major or Mild Neurocognitive Disorder Due to HIV Infection	No new symptoms
Major or Mild Neurocognitive Disorder Due to Parkinson's Disease	No new symptoms
Major or Mild Neurocognitive Disorder Due to Huntington's Disease	No new symptoms
Major or Mild Neurocognitive Disorder Due to Another Medical Condition	No new symptoms

DSM-5 Disorder	Reason not included
Major or Mild Neurocognitive Disorder Due to Multiple Etiologies	No new symptoms
Unspecified Neurocognitive Disorder	No new symptoms
Personality Change Due to Another Medical Condition	No new symptoms
Other Specified Personality Disorder	No new symptoms
Unspecified Personality Disorder	No new symptoms
Unspecified Paraphilic Disorder	No new symptoms

### More detail on the NLP approach (including Table S2)

The goal here is to identify when two descriptive texts from the DSM have the same semantics; to this end, we build a computational model to do this prediction, using techniques from Natural Language Processing (NLP). Modern NLP uses deep learning, where words (and collections of words like sentences or documents) are represented as high-dimensional real-valued vectors, known as embeddings. A key property of these embeddings is that semantically similar texts have embeddings that are close together in this high-dimensional space [https://dblp.org/rec/journals/corr/abs-1301-3781.html], and that specific embeddings can be learned in order to maximise performance on a specific task. Related to the present work, we learn embeddings that perform well at distinguishing texts deemed semantically equivalent from those that are not, which is an established task in NLP (e.g. the QQP task in the GLUE benchmark [https://aclanthology.org/W18-5446/]).

For this, we use a Siamese architecture that pairs BERT embeddings representing texts [https://aclanthology.org/D19-1410/], with cosine similarity as the metric that assesses the similarity between the texts' embeddings. A model using this architecture will produce a score for a pair of texts that ranges from 0 (very dissimilar) to 1 (semantically identical), and learn a threshold within this range such that pairs above that threshold are labelled semantically the same, and below semantically different. To train a Siamese model in general, pairs of texts that are labelled as being semantically identical or not by a human are provided. To train the model for the DSM, which has a relatively small amount of data, we use pre-trained BERT embeddings (which are standardly used as a basis for many tasks) that have been fine-tuned on the QQP task (so that the embeddings are suited to a general semantic similarity task) and fine-tuned further on DSM pairs of descriptions. To fine-tune on the DSM pairs of descriptions, one co-author annotated 1067 pairs as being semantically identical. We then trained the Siamese architecture under a five-fold cross-validation framework, to allow us to assess how well it performed on this task.

Averaged across the five test folds, and using standard evaluation metrics in machine learning (see Table S2), the precision (positive predictive value) was 0.7723, the recall (sensitivity) was 0.7718, the F1 score (harmonic mean of precision and recall) was 0.7658, and the area under the curve (AUC; a single combined measure of performance across all possible classification thresholds) was .8585. This indicates that the model is quite good at identifying semantically identical DSM descriptions, and while not perfect, is a solid approach to scoring and ranking pairs of texts so that the highest-scoring ones (i.e. the ones most likely to be semantically the same) can be checked manually.

T 11 C2		C C C 1 1	1' 1 ' 1'
Inhle	Summary	I Of TIVE-TOID	cross-validation results
Tuble D2.	Summar	V OI IIVC-IOIG	cross-vandadon results

Fold	F1	Recall	Precision	AUC
1	60.5%	73.4%	51.5%	79.9%
2	87.9%	83.2%	93.1%	90.8%
3	83.3%	76.3%	91.7%	87.2%
4	62.0%	60.0%	64.1%	76.4%
5	89.2%	93.0%	85.8%	95.0%
Mean	76.58%	77.18%	77.23%	85.85%
Std. Deviation	14.17%	12.21%	18.50%	7.65%

After filtering out exact duplicate descriptions, we were left with 1065 candidate DSM descriptions. We then applied our Siamese model to all 566580 (=1065 \* 1064/2) pairs. When manually checking the most semantically similar pairs, it became clear that the content coding had identified the very large majority of matching pairs. The top 1000 pairs were checked manually for potential matches, and using slightly less stringent criteria for

redundancy tailored to the aims of the present study (e.g., collapsing some descriptions of depressed mood, and varied descriptions of sleepiness), 26 matching symptoms pairs among 36 symptoms were identified. Stopping at 1000 pairs was supported by the rapidly decreasing rate of matches with declining semantic similarity scores (i.e., 6% of the top 100 pairs were new matches; 2.7% of the pairs ranked 101-800 were new matches (range of 2-3 pairs per block of 100); 1% of the pairs ranked 801-900; and 0% of the pairs ranked 901-1000).

Table S3. All symptoms that repeat across chapters

Symptom	Number of diagnoses	Number of chapters
Insomnia	22	8
Difficulty concentrating	17	7
Hypersomnia/sleepiness	17	6
Irritable mood	16	8
Psychomotor agitation	16	5
Depressed mood	15	6
Psychomotor retardation	14	5
Hallucinations	14	5
Fatigue	12	6
Increased appetite	12	5
Anxiety	12	4
Restlessness	10	7
Weight loss	10	5
Euphoria	10	4
Decreased appetite	10	4
Stereotypy	9	7
Stupor	9	7
Clumsiness or incoordination	9	3
Diminished pleasure in activities	8	4
Tremor	8	4
Delusions	8	4
Weight gain	8	3
Racing heart	8	2
Mutism	7	5
Aggression	7	4
Distractibility	7	4
Diminished interest in activities	7	4
Angry mood	7	4
Difficulty making decisions without excessive advice and reassurance	7	4
Nausea	7	3
Feelings of inappropriate or excessive guilt	7	3
Sweating	7	2
Echolalia	6	5
Depersonalization	6	5
Agitation	6	5
Reckless behavior	6	4
Mood lability	6	4
Suicidal behavior	6	4
Derealization while awake and alert	6	4
Diminished emotional expression	6	3
Impulsiveness	6	3
Slurred speech	6	2
Initiates physical fights	5	4
Muscle pain, tension, or stiffness	5	4
Expansive mood	5	3
Suicidal ideation without a specific plan	5	3
Feelings of worthlessness	5	3
Thoughts of death	5	3
Loses temper	5	3
Grandiosity	5	3
Inflated self-esteem	5	3
Specific plan for committing suicide	5 5	3
Dissatisfaction with sleep quantity or quality	5 5	3 3
Dissalistaction with steep quantity of quality	5	3

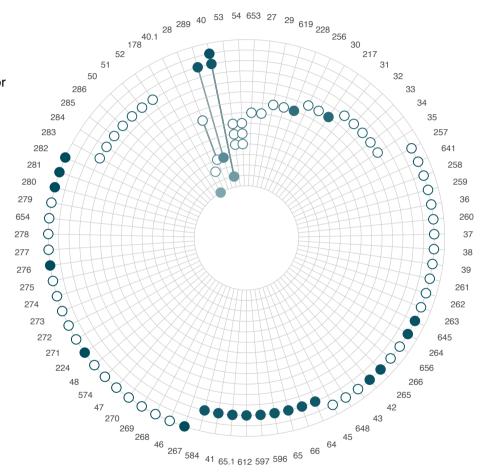
Symptom  Periods of inexhaustibility Odd speech 5 2 Apathy 5 2 Seizures 5 5 2 Raythy 5 2 Seizures 5 5 2 Waxy flexibility 6 7 Grimacing 4 4 4 Gratalepsy/posturing Fear of "losing one's mind" Echopraxia 4 4 4 Regativism 4 4 4 Regativism 4 4 4 Regativism 4 4 4 Regativism 4 4 4 Rogativism 4 5 8 Raynelid deation Free setting with the intention of causing serious damage Fire setting with the intention of causing serious damage Fire setting with the intention of causing serious damage Fire setting with the intention Free setting that thoughts are racing Feeling keyed up or tense Peeling that thoughts are racing Feeling hat hat thoughts are racing Feeling hat thoughts are racing Feeling hat houghts are racing Feeling hat hough			
Apathy	Symptom	Number of diagnoses	Number of chapters
Apathy	Periods of inexhaustibility	5	3
Apathy	•		
Seizures         5         2           Waxy flexibility         4         4           Grimacing         4         4           Catalepsy/posturing         4         4           Fear of "losing one's mind"         4         4           Echopraxia         4         4           Negativism         4         4           Mannerism         4         4           Worry         4         4           Feeling keyed up or tense         4         3           Paranoid ideation         4         4           Fire setting with the intention of causing serious damage         4         3           More talkative than usual         4         2           Impairment in attention         4         2           Pressure to keep talking         4         2           Flight of ideas         4         2           Feeling that thoughts are racing         4         2           Alterations in sensory-motor functioning         4         2           Insteady gait         4         2           Insteady gait         4         2           Insteady gait         4         2           Inability to remember an important asp	·		
Waxy flexibility         4         2         1         1         4         4         2         1         1         4         4         2         1         1         1         4         2         1         1         1         1         2         1         1         1         1         2         1         1         1         2         1         1         1         1         1         1         2         1         2         1			
Grimacing			
Catalepsy/posturing         4         2         Feeling keyed up or tense         4         4         2         7         8         4         4         3         3         3         3         3         3         3         3         3         3         3         3         4         2         2         1         4         2         1         4         2         1         4         2         2         1         4         2         2         1         4         4         2         2         1         4         4         2         2         3         3         3 <td></td> <td></td> <td></td>			
Fear of "losing one's mind"         4         4         4           Echopraxia         4         4         4           Negativism         4         4         4           Mannerism         4         4         4           Worry         4         4         4           Feeling keyed up or tense         4         3         3           Paranoid ideation         4         3         3           Fire setting with the intention of causing serious damage         4         3           More talkative than usual         4         2         1           Impairment in attention         4         2         2         1		· ·	
Echopraxia   4	Catalepsy/posturing	· ·	
Negativism         4         4           Mannerism         4         4           Worry         4         4           Feeling keyed up or tense         4         3           Paranoid ideation         4         3           Fire setting with the intention of causing serious damage         4         3           More talkative than usual         4         2           Impairment in attention         4         2           Pressure to keep talking         4         2           Flight of ideas         4         2           Feeling that thoughts are racing         4         2           Alterations in sensory-motor functioning         4         2           Unsteady gait         4         2           Inability to remember an important aspect of traumatic event(s)         4         2           Unsteady gait         4         2           Increased need for sleep         4         2           Increase in goal-directed activity         4         2           Hoarding         3         3         3           Stealing without confrontation of a victim         3         3         3           Increased introversion         3         3         3 </td <td></td> <td>4</td> <td>4</td>		4	4
Mannerism         4         4           Worry         4         4           Feeling keyed up or tense         4         3           Paranoid ideation         4         3           Fire setting with the intention of causing serious damage         4         3           More talkative than usual         4         2           Impairment in attention         4         2           Pressure to keep talking         4         2           Flight of ideas         4         2           Feeling that thoughts are racing         4         2           Alterations in sensory-motor functioning         4         2           Unsteady gait         4         2           Inability to remember an important aspect of traumatic event(s)         4         2           Decreased need for sleep         4         2           Increase in goal-directed activity         4         2           Hoarding         3         3           Stealing without confrontation of a victim         3         3           Increased introversion         3         3           Ritualized patterns of nonverbal behavior         3         3           Abdominal pain         3         3	Echopraxia	4	4
Worry Feeling keyed up or tense Paranoid ideation Fire setting with the intention of causing serious damage More talkative than usual Impairment in attention Pressure to keep talking Flight of ideas Feeling that thoughts are racing Alterations in sensory-motor functioning Increase in goal-directed activity Hoarding Stealing without confrontation of a victim Increased introversion Ritualized patterns of nonverbal behavior Abdominal pain Used a weapon that can cause serious physical harm Physically cruel to animals Stealing without confronting a victim Breaking into a house, building, or car Lies to obtain goods or favors Forced someone into sexual activity Deliberately destroyed others' property Behavioral outbursts involving damage or destruction of property Compulsive behavior An inability to remain awake or asleep until the desired or conventionally acceptable sleep or wake times Reduced interest in sexual activity Inappropriate sexual behavior Difficulty with verbal communication of messages Difficulty with verbal communication of messages Difficulty with verbal communication of messages Fear of or preoccupation with criticism, disapproval, or rejection, being shamed or ridiculed Chills Generalized muscle weakness Headache Hypervigilance  4	Negativism	4	4
Feeling keyed up or tense Paranoid ideation Paranoid ideation Fire setting with the intention of causing serious damage More talkative than usual Impairment in attention Pressure to keep talking Flight of ideas Feeling that thoughts are racing Alterations in sensory-motor functioning Unsteady gait Inability to remember an important aspect of traumatic event(s) Unsteady gait Inability to remember an important aspect of traumatic event(s) Poecreased need for sleep Increase in goal-directed activity Hoarding Stealing without confrontation of a victim Increased introversion Ritualized patterns of nonverbal behavior Abdominal pain Used a weapon that can cause serious physical harm Physically cruel to animals Stealing while confronting a victim Breaking into a house, building, or car Lies to obtain goods or favors Forced someone into sexual activity Behavioral outbursts involving damage or destruction of property Behavioral outbursts involving damage or destruction of property Behavioral outbursts involving damage or destruction of property An inability to remain awake or asleep until the desired or conventionally acceptable sleep or wake times Reduced interest in sexual activity Inappropriate sexual behaviour Difficulty with verbal communication of messages Difficulty waiting his or her turn (eg, while waiting in line) Interrupts others Intrudes on others Feelings of hopelessness Fear of or preoccupation with criticism, disapproval, or rejection, being shamed or ridiculed Chills Generalized muscle weakness Headache Hypervigilance	Mannerism	4	4
Feeling keyed up or tense Paranoid ideation Paranoid ideation Fire setting with the intention of causing serious damage More talkative than usual Impairment in attention Pressure to keep talking Fight of ideas Feeling that thoughts are racing Alterations in sensory-motor functioning Unsteady gait Unsteady gait Unsteady gait Inability to remember an important aspect of traumatic event(s) Pocreased need for sleep Increase in goal-directed activity Hoarding Stealing without confrontation of a victim Increased introversion Ritualized patterns of nonverbal behavior Abdominal pain Used a weapon that can cause serious physical harm Physically cruel to animals Stealing while confronting a victim Breaking into a house, building, or car Lies to obtain goods or favors Forced someone into sexual activity Deliberately destroyed others' property Behavioral outbursts involving damage or destruction of property Compulsive behavior An inability to remain awake or asleep until the desired or conventionally acceptable sleep or wake times Reduced interest in sexual activity Inappropriate sexual behaviour Difficulty with verbal communication of messages Difficulty waiting his or her turn (eg, while waiting in line) Interrupts others Intrudes on others Feelings of hopelessness Fear of or preoccupation with criticism, disapproval, or rejection, being shamed or ridiculed Chills Generalized muscle weakness Headache Hypervigilance	Worry	4	4
Paranoid ideation Fire setting with the intention of causing serious damage 4 3 Sire setting with the intention of causing serious damage 4 2 Impairment in attention Pressure to keep talking Flight of ideas Feeling that thoughts are racing Alterations in sensory-motor functioning Unsteady gait Inability to remember an important aspect of traumatic event(s) Decreased need for sleep Increase in goal-directed activity Hoarding Stealing without confrontation of a victim Increased introversion Ritualized patterns of nonverbal behavior Abdominal pain Used a weapon that can cause serious physical harm Josed a weapon that can cause serious physical harm Stealing withous house, building, or car Lies to obtain goods or favors Forced someone into sexual activity Deliberately destroyed others' property Behavioral outbursts involving damage or destruction of property Sehavioral outbursts involving damage or destruction of property Difficulty with verbal communication of messages Difficulty waiting his or her turn (eg, while waiting in line) Interrupts others Intrudes on others Feelings of hopelessness Fear of or preoccupation with criticism, disapproval, or rejection, being Shamed or ridiculed Chills Generalized muscle weakness Headache Hypervigilance 3 2 Headache Hypervigilance		4	3
Fire setting with the intention of causing serious damage  More talkative than usual Impairment in attention  Pressure to keep talking Flight of ideas Feeling that thoughts are racing Alterations in sensory-motor functioning Unsteady gait U		-	
More talkative than usual Impairment in attention 4 2 2 Impairment in attention 4 2 2 Flight of ideas 4 2 2 Flight of ideas 4 2 2 Fleiling that thoughts are racing 4 2 2 Elight of ideas 5 4 2 2 Elight of ideas 6 4 2 2 Elight of ideas 6 4 2 2 Elight of ideas 7 4 2 2 Elight of ideas 8 4 2 2 Elight of ideas 8 4 2 2 Elight of ideas 9 4 2 2 Unsteady gait 4 2 2 Elight of ideas 6 1		· ·	
Impairment in attention Pressure to keep talking Flight of ideas Feeling that thoughts are racing Alterations in sensory-motor functioning Unsteady gait Unsteady gait Unsteady gait Inability to remember an important aspect of traumatic event(s) Decreased need for sleep Increase in goal-directed activity Hoarding Stealing without confrontation of a victim Increased introversion Ritualized patterns of nonverbal behavior Abdominal pain Used a weapon that can cause serious physical harm Physically cruel to animals Stealing while confronting a victim Breaking into a house, building, or car Lies to obtain goods or favors Forced someone into sexual activity Deliberately destroyed others' property Behavioral outbursts involving damage or destruction of property An inability to remain awake or asleep until the desired or conventionally acceptable sleep or wake times Reduced interest in sexual activity Inappropriate sexual behaviour Difficulty with verbal communication of messages Difficulty waiting his or her turn (eg, while waiting in line) Intrudes on others Feelings of hopelessness Fear of or preoccupation with criticism, disapproval, or rejection, being shamed or ridiculed Chills Generalized muscle weakness Headache Hypervigilance  4 2  Al restauch thoughts are racing 4 2  2 2  Alterations in sessure racing 4 2  2 3  2 4  2 2  1 2 3  3 4  4 2 2  1 2 4  2 4  2 4  2 4  2 4  2		· ·	
Pressure to keep talking         4         2           Flight of ideas         4         2           Feeling that thoughts are racing         4         2           Alterations in sensory-motor functioning         4         2           Unsteady gait         4         2           Inability to remember an important aspect of traumatic event(s)         4         2           Decreased need for sleep         4         2           Increase in goal-directed activity         4         2           Hoarding         3         3           Stealing without confrontation of a victim         3         3           Increased introversion         3         3           Ritualized patterns of nonverbal behavior         3         3           Abdominal pain         3         3           Used a weapon that can cause serious physical harm         3         3           Vest a weapon that can cause serious physical harm         3         3           Physically cruel to animals         3         3           Stealing while confronting a victim         3         3           Breaking into a house, building, or car         3         3           Lies to obtain goods or favors         3         3		· ·	
Flight of ideas		· ·	
Feeling that thoughts are racing Alterations in sensory-motor functioning Unsteady gait Unsteady gait Inability to remember an important aspect of traumatic event(s) 4 2 Inability to remember an important aspect of traumatic event(s) 4 2 Increase in goal-directed activity 4 1 Calling without confrontation of a victim 3 Stealing without confrontation of a victim 3 Increased introversion 3 Abdominal pain Used a weapon that can cause serious physical harm 3 Physically cruel to animals Stealing while confronting a victim 3 Breaking into a house, building, or car Lies to obtain goods or favors Forced someone into sexual activity 3 Deliberately destroyed others' property Behavioral outbursts involving damage or destruction of property 3 Compulsive behavior An inability to remain awake or asleep until the desired or conventionally acceptable sleep or wake times Reduced interest in sexual activity 3 2 Interrupts others Inturdes on others 1 2 Interrupts others 1 3 2 Interrupts others 3 3 2 Interrupts others 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		· ·	
Alterations in sensory-motor functioning Unsteady gait Inability to remember an important aspect of traumatic event(s) 4 2 Decreased need for sleep Increase in goal-directed activity Hoarding 3 3 Stealing without confrontation of a victim Increased introversion 3 3 Ritualized patterns of nonverbal behavior Abdominal pain Used a weapon that can cause serious physical harm Physically cruel to animals Stealing while confronting a victim Breaking into a house, building, or car Lies to obtain goods or favors Forced someone into sexual activity Deliberately destroyed others' property Behavioral outbursts involving damage or destruction of property An inability to remain awake or asleep until the desired or conventionally acceptable sleep or wake times Reduced interest in sexual activity Difficulty with verbal communication of messages Fear of or preoccupation with criticism, disapproval, or rejection, being shamed or ridiculed Chills Generalized muscle weakness Headache Hypervigilance 3 2 Hypervigilance		· ·	
Unsteady gait Inability to remember an important aspect of traumatic event(s)  Decreased need for sleep Increase in goal-directed activity Hoarding Stealing without confrontation of a victim Increased introversion Ritualized patterns of nonverbal behavior Abdominal pain Used a weapon that can cause serious physical harm Physically cruel to animals Stealing wihle confronting a victim Breaking into a house, building, or car Lies to obtain goods or favors Forced someone into sexual activity Deliberately destroyed others' property Behavioral outbursts involving damage or destruction of property An inability to remain awake or asleep until the desired or conventionally acceptable sleep or wake times Reduced interest in sexual activity Inappropriate sexual behaviour Difficulty with verbal communication of messages Difficulty waiting his or her turn (eg, while waiting in line) Interrupts others Feelings of hopelessness Fear of or preoccupation with criticism, disapproval, or rejection, being shamed or ridiculed Chills Generalized muscle weakness Headache Hypervigilance  3 2 Hypervigilance		4	
Inability to remember an important aspect of traumatic event(s)  Decreased need for sleep Increase in goal-directed activity Hoarding  Stealing without confrontation of a victim 3 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Alterations in sensory-motor functioning	4	
Decreased need for sleep Increase in goal-directed activity Hoarding Stealing without confrontation of a victim Increased introversion Ritualized patterns of nonverbal behavior Abdominal pain Used a weapon that can cause serious physical harm 3 3 3 Stealing while confronting a victim Breaking into a house, building, or car Lies to obtain goods or favors Forced someone into sexual activity Deliberately destroyed others' property Behavioral outbursts involving damage or destruction of property Compulsive behavior An inability to remain awake or asleep until the desired or conventionally acceptable sleep or wake times Reduced interest in sexual activity Inappropriate sexual behaviour Difficulty with verbal communication of messages Difficulty waiting his or her turn (eg, while waiting in line) Interrupts others Feelings of hopelessness Fear of or preoccupation with criticism, disapproval, or rejection, being shamed or ridiculed Chills Generalized muscle weakness Headache Hypervigilance 3 2 Hypervigilance	Unsteady gait	4	2
Decreased need for sleep Increase in goal-directed activity Hoarding Stealing without confrontation of a victim Increased introversion Ritualized patterns of nonverbal behavior Abdominal pain Used a weapon that can cause serious physical harm Breaking into a house, building, or car Lies to obtain goods or favors Forced someone into sexual activity Deliberately destroyed others' property Behavioral outbursts involving damage or destruction of property An inability to remain awake or asleep until the desired or conventionally acceptable sleep or wake times Reduced interest in sexual activity Inappropriate sexual behaviour Reduced interest in sexual activity Inappropriate sexual behaviour Behavioral outbursts involving damage or destruction of property Inappropriate sexual behaviour Sequence in the desired or conventionally acceptable sleep or wake times Reduced interest in sexual activity Inappropriate sexual behaviour Sequence in the desired or conventionally acceptable sleep or wake times Reduced interest in sexual activity Inappropriate sexual behaviour Sequence in the desired or conventionally acceptable sleep or wake times Reduced interest in sexual activity Inappropriate sexual behaviour Sequence in the sexual activity Inappropriate sexual behaviour Sequence in the sexual activity Sequence in the desired or conventionally acceptable sleep or wake times Reduced interest in sexual activity Sequence in the desired or conventionally acceptable sleep or wake times Reduced interest in sexual activity Sequence in the desired or conventionally acceptable sleep or wake times Reduced interest in sexual activity Sequence in the desired or conventionally acceptable sleep or wake times Reduced interest in sexual activity Sequence in the desired or conventionally acceptable sleep or wake times Reduced interest in sexual activity Sequence in the desired or conventionally acceptable sleep or wake times Reduced interest in sexual activity Sequence in the sexual activity in the desired or conventionally acceptable sleep or w	Inability to remember an important aspect of traumatic event(s)	4	2
Increase in goal-directed activity Hoarding Stealing without confrontation of a victim Increased introversion Ritualized patterns of nonverbal behavior Abdominal pain Used a weapon that can cause serious physical harm Physically cruel to animals Stealing while confronting a victim Stealing while confronting a victim Breaking into a house, building, or car Lies to obtain goods or favors Forced someone into sexual activity Behavioral outbursts involving damage or destruction of property Scompulsive behavior An inability to remain awake or asleep until the desired or conventionally acceptable sleep or wake times Reduced interest in sexual activity Inappropriate sexual behaviour Difficulty with verbal communication of messages Difficulty waiting his or her turn (eg, while waiting in line) Interrupts others Fear of or preoccupation with criticism, disapproval, or rejection, being shamed or ridiculed Chills Generalized muscle weakness Headache Hypervigilance		4	2
Hoarding Stealing without confrontation of a victim 3 Stealing without confrontation of a victim 3 Increased introversion 3 Increased introversion 3 Increased patterns of nonverbal behavior 3 Abdominal pain 3 Used a weapon that can cause serious physical harm 3 Increased weapon that can cause serious physical harm 3 Increased weapon that can cause serious physical harm 3 Increased weapon that can cause serious physical harm 3 Increased weapon that can cause serious physical harm 3 Increased weapon that can cause serious physical harm 3 Increased weapon that can cause serious physical harm 3 Increased weapon that can cause serious physical harm 3 Increased weapon that can cause serious physical harm 3 Increased weapon that can cause serious physical harm 3 Increased weapon that can cause serious physical harm 3 Increased weapon that can cause serious physical harm 3 Increased weapon that can cause serious physical harm 3 Increased weapon that can cause serious physical harm 3 Increased weapon that can cause serious physical harm 3 Increased weapon that can cause serious physical harm 3 Increased weapon that can cause serious physical harm 3 Increased weapon that can cause serious physical harm 3 Increased weapon that can cause serious physical harm 3 Increased serious physical h		4	
Stealing without confrontation of a victim Increased introversion Ritualized patterns of nonverbal behavior Abdominal pain Used a weapon that can cause serious physical harm 3 Physically cruel to animals Stealing while confronting a victim 3 Breaking into a house, building, or car 3 Lies to obtain goods or favors Forced someone into sexual activity Deliberately destroyed others' property Behavioral outbursts involving damage or destruction of property 3 Compulsive behavior An inability to remain awake or asleep until the desired or conventionally acceptable sleep or wake times Reduced interest in sexual activity Inappropriate sexual behaviour Difficulty waiting his or her turn (eg, while waiting in line) Interrupts others Fear of or preoccupation with criticism, disapproval, or rejection, being shamed or ridiculed Chills Generalized muscle weakness Headache Hypervigilance  3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		3	
Increased introversion Ritualized patterns of nonverbal behavior Abdominal pain Used a weapon that can cause serious physical harm Physically cruel to animals Stealing while confronting a victim Breaking into a house, building, or car Lies to obtain goods or favors Forced someone into sexual activity Deliberately destroyed others' property Behavioral outbursts involving damage or destruction of property Ompulsive behavior An inability to remain awake or asleep until the desired or conventionally acceptable sleep or wake times Reduced interest in sexual activity Inappropriate sexual behaviour Difficulty with verbal communication of messages Difficulty waiting his or her turn (eg, while waiting in line) Interrupts others Intrudes on others Fear of or preoccupation with criticism, disapproval, or rejection, being shamed or ridiculed Chills Generalized muscle weakness Headache Hypervigilance			
Ritualized patterns of nonverbal behavior  Abdominal pain  Used a weapon that can cause serious physical harm  Physically cruel to animals  Stealing while confronting a victim  Breaking into a house, building, or car  Lies to obtain goods or favors  Forced someone into sexual activity  Deliberately destroyed others' property  Behavioral outbursts involving damage or destruction of property  An inability to remain awake or asleep until the desired or conventionally acceptable sleep or wake times  Reduced interest in sexual activity  Inappropriate sexual behaviour  Difficulty with verbal communication of messages  Difficulty waiting his or her turn (eg, while waiting in line)  Interrupts others  Intrudes on others  Feelings of hopelessness  Fear of or preoccupation with criticism, disapproval, or rejection, being shamed or ridiculed  Chills  Generalized muscle weakness  Headache  Hypervigilance			
Abdominal pain Used a weapon that can cause serious physical harm 3 3 3 Physically cruel to animals Stealing while confronting a victim 3 3 3 Breaking into a house, building, or car 3 3 3 Lies to obtain goods or favors Forced someone into sexual activity 3 3 3 Behavioral outbursts involving damage or destruction of property 3 3 3 Compulsive behavior An inability to remain awake or asleep until the desired or conventionally acceptable sleep or wake times Reduced interest in sexual activity 1 1 2 1 2 1 2 1 1 2 1 1 1 1 1 1 1 1 1 1			
Used a weapon that can cause serious physical harm Physically cruel to animals Stealing while confronting a victim 3 Breaking into a house, building, or car 3 Lies to obtain goods or favors Forced someone into sexual activity 3 Deliberately destroyed others' property 3 Behavioral outbursts involving damage or destruction of property 3 Compulsive behavior An inability to remain awake or asleep until the desired or conventionally acceptable sleep or wake times Reduced interest in sexual activity 1 Inappropriate sexual behaviour 2 Difficulty with verbal communication of messages Difficulty waiting his or her turn (eg, while waiting in line) 1 Interrupts others 1 Intrudes on others Feelings of hopelessness Fear of or preoccupation with criticism, disapproval, or rejection, being shamed or ridiculed Chills Generalized muscle weakness Headache Hypervigilance  3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	·		
Physically cruel to animals  Stealing while confronting a victim  Breaking into a house, building, or car  Lies to obtain goods or favors  Forced someone into sexual activity  Deliberately destroyed others' property  Behavioral outbursts involving damage or destruction of property  Compulsive behavior  An inability to remain awake or asleep until the desired or conventionally acceptable sleep or wake times  Reduced interest in sexual activity  Inappropriate sexual behaviour  Difficulty with verbal communication of messages  Difficulty waiting his or her turn (eg, while waiting in line)  Interrupts others  Feelings of hopelessness  Fear of or preoccupation with criticism, disapproval, or rejection, being shamed or ridiculed  Chills  Generalized muscle weakness  Headache  Hypervigilance			
Stealing while confronting a victim  Breaking into a house, building, or car  Lies to obtain goods or favors  Forced someone into sexual activity  Deliberately destroyed others' property  Behavioral outbursts involving damage or destruction of property  Compulsive behavior  An inability to remain awake or asleep until the desired or conventionally acceptable sleep or wake times  Reduced interest in sexual activity  Inappropriate sexual behaviour  Difficulty with verbal communication of messages  Difficulty waiting his or her turn (eg, while waiting in line)  Interrupts others  Feelings of hopelessness  Fear of or preoccupation with criticism, disapproval, or rejection, being shamed or ridiculed  Chills  Generalized muscle weakness  Headache  Hypervigilance			
Breaking into a house, building, or car  Lies to obtain goods or favors  Forced someone into sexual activity  Deliberately destroyed others' property  Behavioral outbursts involving damage or destruction of property  Compulsive behavior  An inability to remain awake or asleep until the desired or conventionally acceptable sleep or wake times  Reduced interest in sexual activity  Inappropriate sexual behaviour  Difficulty with verbal communication of messages  Difficulty waiting his or her turn (eg, while waiting in line)  Interrupts others  Intrudes on others  Feelings of hopelessness  Fear of or preoccupation with criticism, disapproval, or rejection, being shamed or ridiculed  Chills  Generalized muscle weakness  Headache  Hypervigilance  3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 4 3 3 3 3			
Lies to obtain goods or favors  Forced someone into sexual activity  Deliberately destroyed others' property  Behavioral outbursts involving damage or destruction of property  Compulsive behavior  An inability to remain awake or asleep until the desired or conventionally acceptable sleep or wake times  Reduced interest in sexual activity  Inappropriate sexual behaviour  Difficulty with verbal communication of messages  Difficulty waiting his or her turn (eg, while waiting in line)  Interrupts others  Intrudes on others  Feelings of hopelessness  Fear of or preoccupation with criticism, disapproval, or rejection, being shamed or ridiculed  Chills  Generalized muscle weakness  Headache  Hypervigilance  3 3 3 3 3 3 3 3 3 3 3 3 3 3 4 3 3 3 3			
Forced someone into sexual activity  Deliberately destroyed others' property  Behavioral outbursts involving damage or destruction of property  Compulsive behavior  An inability to remain awake or asleep until the desired or conventionally acceptable sleep or wake times  Reduced interest in sexual activity  Inappropriate sexual behaviour  Difficulty with verbal communication of messages  Difficulty waiting his or her turn (eg, while waiting in line)  Interrupts others  Intrudes on others  Feelings of hopelessness  Fear of or preoccupation with criticism, disapproval, or rejection, being shamed or ridiculed  Chills  Generalized muscle weakness  Headache  Hypervigilance  3			
Deliberately destroyed others' property Behavioral outbursts involving damage or destruction of property 3 3 Compulsive behavior 3 2 An inability to remain awake or asleep until the desired or conventionally acceptable sleep or wake times Reduced interest in sexual activity 3 Inappropriate sexual behaviour 3 Difficulty with verbal communication of messages 3 Difficulty waiting his or her turn (eg, while waiting in line) 3 Interrupts others 3 Intrudes on others 5 Feelings of hopelessness 7 Fear of or preoccupation with criticism, disapproval, or rejection, being shamed or ridiculed Chills 6 Generalized muscle weakness Headache Hypervigilance 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3			
Behavioral outbursts involving damage or destruction of property  Compulsive behavior  An inability to remain awake or asleep until the desired or conventionally acceptable sleep or wake times  Reduced interest in sexual activity  Inappropriate sexual behaviour  Difficulty with verbal communication of messages  Difficulty waiting his or her turn (eg, while waiting in line)  Interrupts others  Intrudes on others  Feelings of hopelessness  Fear of or preoccupation with criticism, disapproval, or rejection, being shamed or ridiculed  Chills  Generalized muscle weakness  Headache  Hypervigilance  3 2  2 3 3  3 2  3 2  3 3 2  3 3 3 2  3 3 2  3 3 3 3	Forced someone into sexual activity		
Compulsive behavior  An inability to remain awake or asleep until the desired or conventionally acceptable sleep or wake times  Reduced interest in sexual activity Inappropriate sexual behaviour Difficulty with verbal communication of messages Difficulty waiting his or her turn (eg, while waiting in line) Interrupts others Intrudes on others Feelings of hopelessness Fear of or preoccupation with criticism, disapproval, or rejection, being shamed or ridiculed Chills Generalized muscle weakness Headache Hypervigilance  3 2  2 2  3 2  3 2  4 3 2  5 3 2  6 3 2  7 5 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	Deliberately destroyed others' property		
An inability to remain awake or asleep until the desired or conventionally acceptable sleep or wake times  Reduced interest in sexual activity  Inappropriate sexual behaviour  Difficulty with verbal communication of messages  Difficulty waiting his or her turn (eg, while waiting in line)  Interrupts others  Intrudes on others  Feelings of hopelessness  Fear of or preoccupation with criticism, disapproval, or rejection, being shamed or ridiculed  Chills  Generalized muscle weakness  Headache  Hypervigilance  3  2  2  2  3  2  3  3  3  4  3  4  3  5  6  7  8  8  8  8  8  8  8  8  8  8  8  8	Behavioral outbursts involving damage or destruction of property	3	3
An inability to remain awake or asleep until the desired or conventionally acceptable sleep or wake times  Reduced interest in sexual activity  Inappropriate sexual behaviour  Difficulty with verbal communication of messages  Difficulty waiting his or her turn (eg, while waiting in line)  Interrupts others  Intrudes on others  Feelings of hopelessness  Fear of or preoccupation with criticism, disapproval, or rejection, being shamed or ridiculed  Chills  Generalized muscle weakness  Headache  Hypervigilance  3  2  2  2  3  2  3  2  3  3  3  4  3  4  4  5  6  7  8  8  8  8  8  8  8  8  8  8  8  8	Compulsive behavior	3	2
Reduced interest in sexual activity Inappropriate sexual behaviour Difficulty with verbal communication of messages Difficulty waiting his or her turn (eg, while waiting in line) Interrupts others Intrudes on others Intrud	An inability to remain awake or asleep until the desired or conventionally	3	2
Inappropriate sexual behaviour  Difficulty with verbal communication of messages  Difficulty waiting his or her turn (eg, while waiting in line)  Interrupts others  Intrudes on others  Feelings of hopelessness  Fear of or preoccupation with criticism, disapproval, or rejection, being shamed or ridiculed  Chills  Generalized muscle weakness  Headache  Hypervigilance  3  2  2  3  2  4  4  5  6  7  8  8  8  8  8  8  8  8  8  8  8  8		0	•
Difficulty with verbal communication of messages Difficulty waiting his or her turn (eg, while waiting in line) Interrupts others Intrudes on othe			
Difficulty waiting his or her turn (eg, while waiting in line)  Interrupts others  Intrudes on others  Feelings of hopelessness  Fear of or preoccupation with criticism, disapproval, or rejection, being shamed or ridiculed  Chills  Generalized muscle weakness  Headache  Hypervigilance  3  2  2  3  2  4  5  6  7  8  8  8  8  8  8  8  8  8  8  8  8			
Interrupts others Intrudes on ot			
Intrudes on others Feelings of hopelessness Fear of or preoccupation with criticism, disapproval, or rejection, being shamed or ridiculed Chills Generalized muscle weakness Headache Hypervigilance  3 2 3 2 4 3 2 4 3 2 3 2 4 3 2 4 3 2 4 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	Difficulty waiting his or her turn (eg, while waiting in line)		
Feelings of hopelessness Fear of or preoccupation with criticism, disapproval, or rejection, being shamed or ridiculed  Chills Generalized muscle weakness Headache Hypervigilance  3 2 3 2 4 3 2 4 3 2 4 3 2 4 3 2 4 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	Interrupts others		
Fear of or preoccupation with criticism, disapproval, or rejection, being shamed or ridiculed  Chills  Generalized muscle weakness  Headache Hypervigilance  3 2 4 2 3 2 4 3 2 3 2 4 3 2 4 3 2 4 6 7 7 8 7 8 8 7 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8	Intrudes on others	3	2
Fear of or preoccupation with criticism, disapproval, or rejection, being shamed or ridiculed  Chills 3 2  Generalized muscle weakness 3 2  Headache 3 2  Hypervigilance 3 2	Feelings of hopelessness	3	2
Chills32Generalized muscle weakness32Headache32Hypervigilance32	Fear of or preoccupation with criticism, disapproval, or rejection, being	3	2
Generalized muscle weakness32Headache32Hypervigilance32		0	^
Headache32Hypervigilance32			
Hypervigilance 3 2			
,,			
Stereotypy of speech 3 2			
	Stereotypy of speech	3	2

	er of oses	er of ters
Symptom	Number of diagnoses	Number of chapters
Social withdrawal	3	2
Reduced awareness of immediate surroundings	3	2
Perseverative behavior	2	2
Grandiose delusions	2	2
Delusion that spouse or lover is unfaithful	2	2
Separation anxiety	2	2
Wandering	2	2
A temporally disorganized sleep-wake pattern, variable throughout or not		_
synchronized to the 24-hour period	2	2
Repeated episodes of arousal during sleep associated with vocalization Upon awakening from episodes of arousal during sleep, the individual is	2	2
completely awake and alert	2	2
Spiteful or vindictive	2	2
Sensation of slowed time	2	2
Ideas of reference	2	2
Anxiety about speaking	2	2
Increased extraversion	2	2
Rigidity	2	2
Fails to give close attention to details or makes careless mistakes	2	2
Confusion	2	2
Fear that something awful may happen	2	2
Mood reactivity	2	2
Leaden paralysis	2	2
Views self as inferior or inadequate	2	2
Tension	2	2
Feels uncomfortable or helpless when alone	2	2
Palpitations	2	2
Chest pain	2	2
Dizziness	2	2
Emotional detachment	2	2
Transient paralysis	2	2
A consistent daily drift of sleep onset and wake times	2	2
A consistent daily drift of sleep onset and wake times  A pattern of advanced sleep onset and awakening times	2	2
, ,		
Bullies, threatens, or intimidates others	2	2
Physically cruel to people	2	2
Lies to avoid obligations	2	2
Does not feel bad or guilty after doing something wrong	2	2
The individual is described as cold and uncaring	2	2
Only expresses emotions in ways that seem superficial	2	2
Unusual perceptual experiences	2	2
Myoclonus	2	2
Social anxiety	2	2
Disregards and is unconcerned about feelings of others	2	2
Avoids social situations	2	2
Dystonias	2	2
Interpersonal rejection sensitivity	2	2
Frustration	2	2
Episodes of arousal during sleep associated with complex motor behaviors	2	2
Persecutory delusion	2	2
A pattern of delayed sleep onset and awakening times	2	2
Relies on others for major areas of life	2	2

# **Neurodevelopmental Disorders**

### Diagnoses (from the inside ring out)

- Developmental Coordination Disorder
- Stereotypic Movement Disorder
- Stereotypic Movement Disorder With self–injurious behavior
- Autism Spectrum Disorder With language impairment
- Tourette's Disorder
- Persistent (Chronic) Motor or Vocal Tic Disorder
- Provisional Tic Disorder
- Language Disorder
- Speech Sound Disorder
- Childhood-Onset Fluency Disorder (Stuttering)
- Social (Pragmatic) Communication Disorder
- Specific Learning Disorder
- Autism Spectrum Disorder With catatonia
- Autism Spectrum Disorder
- Attention–Deficit/Hyperactivity Disorder
- O The symptom does not repeat across chapters
- The symptom repeats across chapters

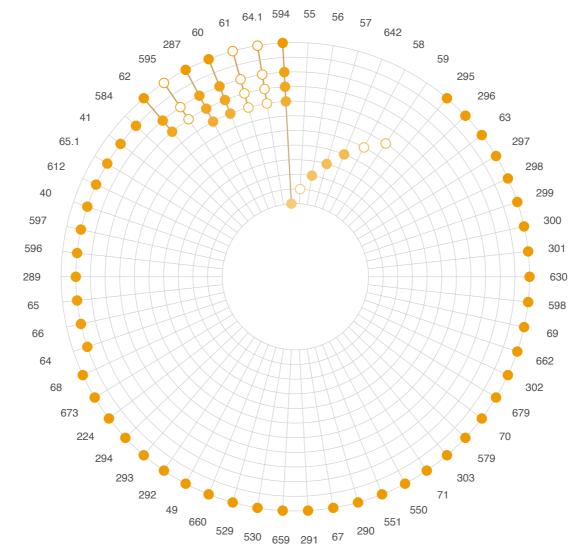


27	Limited sentence structure	259	Failure to initiate or respond to social
27 28			interactions
20 29	Impairment in discourse or phrase speech	260	Abnormalities in eye contact and body
	Difficulty with speech sound production		language
30	Circumlocutions	261	Difficulties in making friends
31	Deficits in social communication	262	Absence of interest in peers
32	Impairment matching communication to	263	Stereotyped or repetitive use of objects
	context	264	Rigidity
33	Difficulty following rules for conversation	265	Ritualized patterns of nonverbal behavior
	and storytelling	266	Ritualized patterns of verbal behavior
34	Difficulties understanding what is not	267	Fails to give close attention to details or
	explicitly stated		makes careless mistakes
35	Difficulties understanding nonliteral	268	Does not seem to listen when spoken to
	meanings of language	200	directly
36	Poorly integrated non-/verbal	269	Does not follow through on instructions
	communication	270	Fails to finish tasks
37	Deficits in understanding/use of gestures	271	Forgetful in daily activities
38	A total lack of nonverbal communication	271	Fidgets with or taps hands or feet
39	Difficulties adjusting behavior to suit social	272	Squirms in seat
	contexts		
40	Stereotypy	274	Leaves seat in situations when remaining
40.1	Behavior that could result in an injury	075	seated is expected
41	Echolalia	275	Runs about or climbs in situations where it
42	Perseverative behavior		is inappropriate
43	Hyperreactivity to sensory input	276	Restlessness
<del>1</del> 5	Unusual interest in sensory aspects of the	277	Unable to engage in leisure activities quietly
70	environment	278	"On the go," acting as if "driven by a motor"
46	Difficulty sustaining attention in tasks	279	Blurts out an answer before a question has
			been completed
47	Often has difficulty organizing tasks and activities	280	Difficulty waiting his or her turn (e.g., while
40			waiting in line)
48	Often loses things necessary for tasks or	281	Interrupts others
-0	activities	282	Intrudes on others
50	Difficulties with written expression	283	Inaccurate word reading
51	Difficulties mastering number sense,	284	Slow and effortful word reading
	number facts, or calculation	285	Difficulty understanding the meaning of wha
52	Difficulties with mathematical reasoning		is read
53	Motor tics	286	Difficulties with spelling
54	Vocal tics	289	Mutism
64	Stupor	574	Reluctant to engage in tasks that require
35	Waxy flexibility		sustained mental effort
35.1	Grimacing	584	Echopraxia
36	Catalepsy/posturing	596	Negativism
178	Clumsiness or incoordination	597	Mannerism
217	Anxiety about speaking	612	Agitation
224	Distractibility	619	Difficulty with speech inteligbility
228	Difficulty with verbal communication of	641	Failure of normal back-and-forth
	messages	041	conversation
256	Stuttering	645	
257	Abnormal social approach		Stereotypy of speech
258	Reduced sharing of interests, emotions, or	648	Hyporeactivity to sensory input
	affect	653	Reduced vocabulary
		654	Talks excessively
		656	Inflexible adherence to routines

# **Schizophrenia Spectrum and Other Psychotic Disorders**

### Diagnoses (from the inside ring out)

- Delusional Disorder
- Delusional Disorder Erotomaniac type
- Delusional Disorder Grandiose type
- Delusional Disorder Jealous type
- Delusional Disorder Persecutory type
- Delusional Disorder Somatic type
- Delusional Disorder With bizarre content
- Brief Psychotic Disorder
- Schizophreniform Disorder
- Schizophrenia
- Catatonia Specifier
- Schizoaffective Disorder
- The symptom does not repeat across chapters
- The symptom repeats across chapters

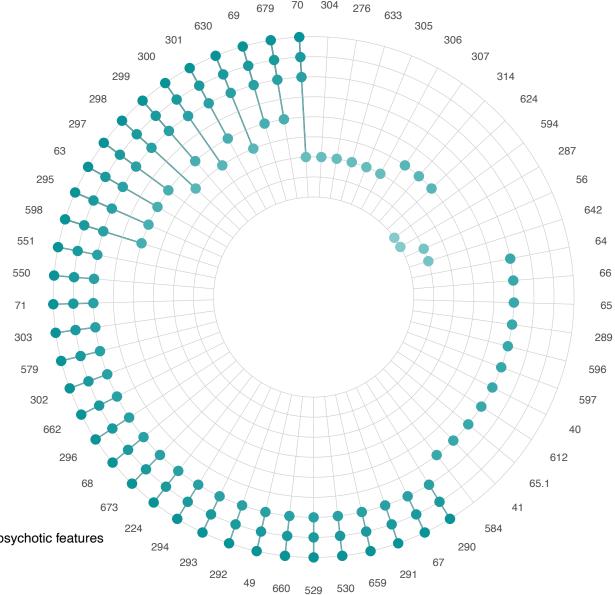


Sympt	oms
40	Stereotypy
41	Echolalia
49	More talkative than usual
55	Delusion that another person is in love with the individual
56	Grandiose delusions
57	Delusion that spouse or lover is unfaithful
58	Delusion involving bodily functions or sensations
59	Delusions contain bizarre content
60	Odd speech
61 62	Grossly disorganized behavior Diminished emotional expression
63	Diminished emotional expression  Diminished pleasure in activities
64	Stupor
64.1	Catatonic behaviour
65	Waxy flexibility
65.1	Grimacing
66	Catalepsy/posturing
67	Expansive mood
68	Reckless behavior
69	Psychomotor retardation
70	Difficulty concentrating
71	Suicidal ideation without a specific plan
224	Distractibility
287	Hallucinations
289 290	Mutism Euphoria
291	Irritable mood
292	Pressure to keep talking
293	Flight of ideas
294	Feeling that thoughts are racing
295	Depressed mood
296	Diminished interest in activities
297	Weight loss
298	Weight gain
299	Decreased appetite
300	Increased appetite
301 302	Insomnia
302	Feelings of worthlessness Thoughts of death
529	Grandiosity
530	Inflated self-esteem
550	Suicidal behavior
551	Specific plan for committing suicide
579	Difficulty making decisions without excessive reassurance
584	Echopraxia
594	Delusions
595	Avolition
596	Negativism
597	Mannerism
598	Psychomotor agitation
612 630	Agitation Hypersomnia/sleepiness
642	Persecutory delusion
659	Periods of inexhaustibility
660	Decreased need for sleep
662	Fatigue
673	Increase in goal-directed activity

Feelings of inappropriate or excessive guilt

679

# **Bipolar and Related Disorders**



### Diagnoses (from the inside ring out)

- Specifier With psychotic features
- Specifier With psychotic features; mood–congruent psychotic features
- Specifier With anxious distress
- Specifier With atypical features
- Specifier With melancholic features
- Specifier With catatonia
- Bipolar I Disorder
- Bipolar II Disorder
- Cyclothymic Disorder

- The symptom does not repeat across chapters
- The symptom repeats across chapters

### **Symptoms**

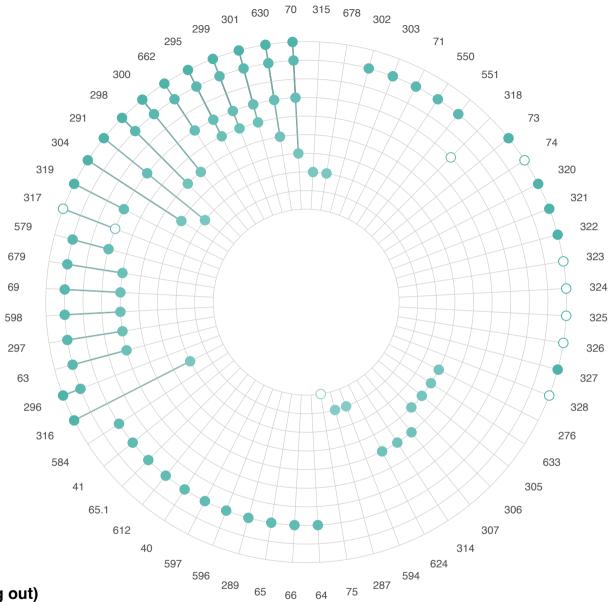
673

Stereotypy 41 Echolalia 49 More talkative than usual 56 Grandiose delusions 63 Diminished pleasure in activities 64 65 Waxy flexibility 65.1 Grimacing 66 Catalepsy/posturing 67 Expansive mood 68 Reckless behavior 69 Psychomotor retardation 70 Difficulty concentrating Suicidal ideation without a specific plan 71 224 Distractibility 276 Restlessness 287 Hallucinations 289 Mutism 290 Euphoria 291 Irritable mood 292 Pressure to keep talking Flight of ideas Feeling that thoughts are racing 293 294 295 Depressed mood 296 Diminished interest in activities 297 Weight loss 298 Weight gain Decreased appetite 300 Increased appetite 301 Insomnia Feelings of worthlessness 303 Thoughts of death Feeling keyed up or tense Fear that something awful may happen 305 306 Fear of "losing one's mind" 307 Mood reactivity 314 Leaden paralysis 529 Grandiosity 530 Inflated self-esteem 550 Suicidal behavior 551 Specific plan for committing suicide 579 Difficulty making decisions without excessive advice and reassurance 584 Echopraxia 594 Delusions 596 Negativism 597 Mannerism 598 Psychomotor agitation 612 624 Interpersonal rejection sensitivity 630 Hypersomnia/sleepiness 633 Worry 642 Persecutory delusion 659 Periods of inexhaustibility 660 Decreased need for sleep 662 Fatique

Increase in goal-directed activity

Feelings of inappropriate or excessive guilt

# **Depressive Disorders**



### Diagnoses (from the inside ring out)

- Specifier With psychotic feature; mood–congruent psychotic features
- Specifier With psychotic features
- Disruptive Mood Dysregulation Disorder
- Specifier With anxious distress
- Specifier With atypical features
- Specifier With melancholic features
- Persistent Depressive Disorder (Dysthymia)
- Specifier With catatonia
- Major Depressive Disorder
- Premenstrual Dysphoric Disorder

- O The symptom does not repeat across chapters
- The symptom repeats across chapters

### **Symptoms**

<b>-</b> yp :	01110
40	Stereotypy
41	Echolalia
63	Diminished pleasure in activities
64	Stupor
65	Waxy flexibility
65.1	Grimacing
66	Catalepsy/posturing
69	Psychomotor retardation
70	Difficulty concentrating
71	Suicidal ideation without a specific plan
73 74	Mood lability Increased interpersonal conflict
75	Delusions and hallucinations with
, 0	depressive themes
276	Restlessness
287	Hallucinations
289	Mutism
291	Irritable mood
295	Depressed mood
296	Diminished interest in activities
297	Weight loss
298	Weight gain
299	Decreased appetite
300 301	Increased appetite Insomnia
302	Feelings of worthlessness
303	Thoughts of death
304	Feeling keyed up or tense
305	Fear that something awful may happen
306	Fear of "losing one's mind"
307	Mood reactivity
314	Leaden paralysis
315	Loses temper
316	Angry mood
317	Overeating
318	Low self-esteem
319 320	Feelings of hopelessness Views self as inferior or inadequate
321	Anxiety
322	Tension
323	Specific food cravings
324	Feeling overwhelmed
325	Feeling out of control
326	Breast tenderness or swelling
327	Muscle pain, tension, or stiffness
328	A sensation of "bloating"
550	Suicidal behavior
551 579	Specific plan for committing suicide Difficulty making decisions without
3/9	excessive advice and reassurance
584	Echopraxia
594	Delusions
596	Negativism
597	Mannerism
598	Psychomotor agitation
612	Agitation
624	Interpersonal rejection sensitivity
630	Hypersomnia/sleepiness
633	Worry
662	Fatigue
678	Behavioral outbursts involving damage of
679	destruction of property  Feelings of inappropriate or excessive or
111.71	T SEMILIS OF MICHAELINGS OF EXCESSIVE OF

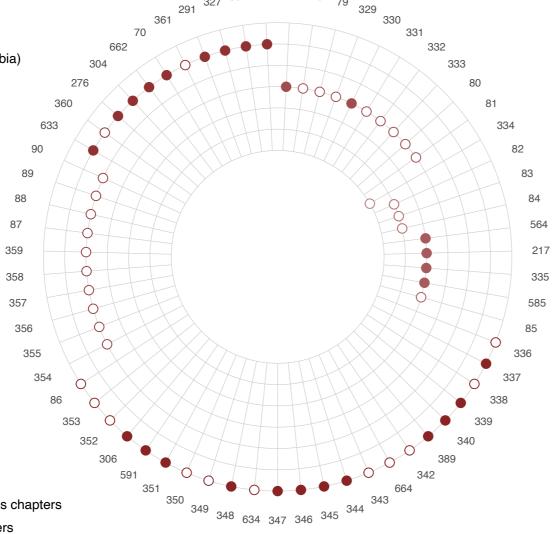
Feelings of inappropriate or excessive guilt

Figure S4

# **Anxiety Disorders**

### Diagnoses (from the inside ring out)

- Selective Mutism
- Specific Phobia
- Social Anxiety Disorder (Social Phobia)
- Separation Anxiety Disorder
- Agoraphobia
- Generalized Anxiety Disorder
- Panic Disorder



- $\ensuremath{\bigcirc}$  The symptom does not repeat across chapters
- The symptom repeats across chapters

### Figure S5

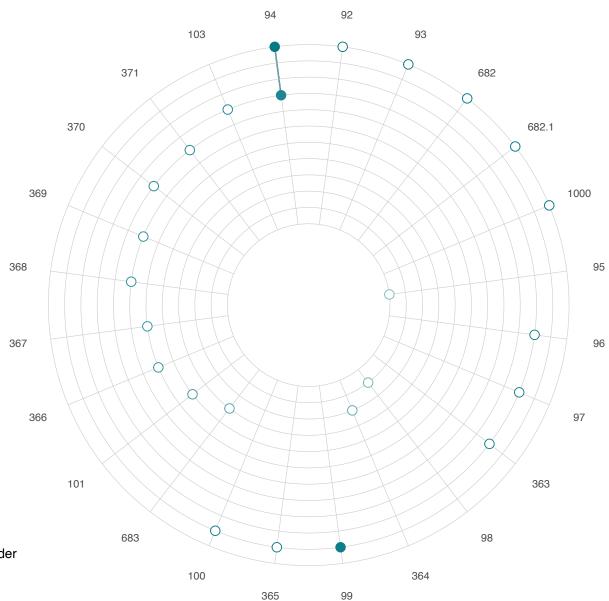
### **Symptoms**

70	Difficulty concentrating		
77	Separation anxiety	335	Fear of or preoccupation with criticism,
78	Worry about losing major attachment figures		disapproval, or rejection, being shamed or
	or about possible harm to them		ridiculed
79	Worry about experiencing an untoward	336	Unexpected panic attacks
	event that causes separation from a major	337	Palpitations
	attachment figure	338	Pounding heart
80	Nightmares involving the theme of	339	Racing heart
	separation	340	Sweating
81	Physical symptoms when separation from	342	Sensations of shortness of breath
	major attachment figures occurs/is	343	Feelings of choking
	anticipated	344	Chest pain
82	Marked fear or anxiety about a specific	345	Nausea
	object or situation	346	Abdominal pain
83	Phobic object or situation is actively avoided	347	Dizziness
84	Phobic object or situation is endured with	348	Chills
	intense fear or anxiety	349	Heat sensations
85	Social situations are endured with intense	350	Paresthesias
	fear or anxiety	351	Depersonalization
86	Maladaptive change in behavior related to	352	Fear of dying
	panic attacks	353	Concern or worry about additional panic
87	The individual has thoughts that escape		attacks or their consequences
	might be difficult or help might not be	354	Fear or anxiety about using public
	available in the event of developing		transportation
	paniclike symptoms	355	Fear or anxiety about being in open spaces
88	Agoraphobic situations are feared or	356	Fear or anxiety about being in enclosed
	actively avoided		places
89	Agoraphobic situations require the presence	357	Fear or anxiety about standing in line
	of a companion	358	Fear or anxiety about being in a crowd
90	Agoraphobic situations are endured with	359	Fear or anxiety being outside of the home
	intense fear or anxiety		alone
217	Anxiety about speaking	360	Difficulty controlling worry
276	Restlessness	361	Mind going blank
291	Irritable mood	389	Tremor
301	Insomnia	564	Social anxiety
304	Feeling keyed up or tense	567	Dissatisfaction with sleep quantity or quality
306	Fear of "losing one's mind"	585	Avoids social situations
327	Muscle pain, tension, or stiffness	591	Derealization while awake and alert
329	Reluctance or refusal to go out because of	633	Worry
	fear of separation	634	Feeling unsteady
330	Feels uncomfortable or helpless when alone	662	Fatigue
331	Fear of or reluctance about being without	664	Sensations of smothering
	major attachment figures		
332	Reluctance or refusal to sleep away from		
	home		

Reluctance or refusal to go to sleep without being near a major attachment figure

Selective mutism

# **Obsessive-Compulsive and Related Disorders**



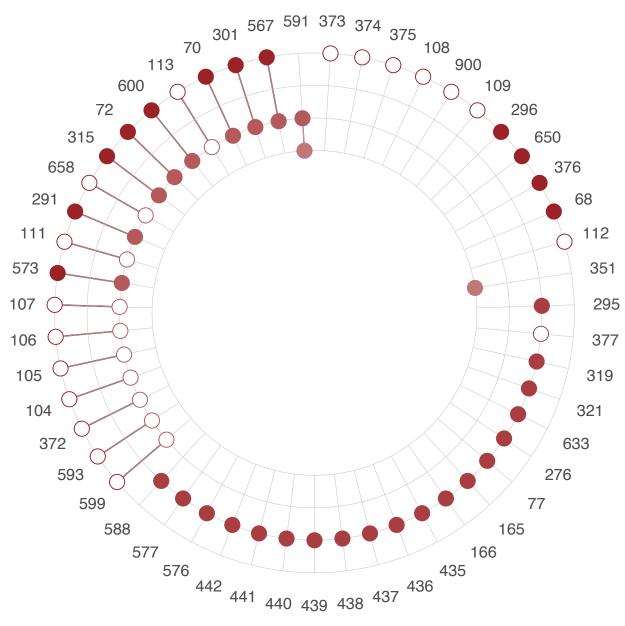
### Symptoms

92	Recurrent and persistent intrusive thoughts
93	urges, or images Attempts to ignore or suppress intrusive
93	thoughts, urges, or images
94	Compulsive behavior
95	The individual is completely convinced that
00	obsessive-compulsive disorder beliefs are
	true
96	Preoccupation with one or more perceived
	defects or flaws in physical appearance
97	Repetitive behaviors in response to
	appearance concerns
98	Preoccupation with the idea that their body
	build is too small or insufficiently muscular
99	Hoarding
100	Excessive accumulation of possessions
101	The individual is completely convinced that
	hoarding-related beliefs and behaviors are
	not problematic despite evidence to the
103	contrary
103	Nondelusional preoccupation with a partner's perceived infidelity
363	Preoccupation or repetitive mental acts
500	related to appearance concerns
364	The individual is completely convinced that
004	body dysmorphic disorder beliefs are true
365	A need to save items or distress associated
	with discarding them
366	Pulling out of one's hair, resulting in hair
	loss
367	Attempts to decrease or stop hair pulling
368	Skin picking resulting in skin lesions
369	Attempts to decrease or stop skin picking
370	Body-focused repetitive behaviors
371	Attempts to decrease or stop the behaviors
682	Behavioral compulsions
682.1 683	Mental compulsions
1000	Excessive acquisition of items Time-consuming obsessions or compulsion
1000	Time-consuming obsessions of compulsion

# Diagnoses (from the inside ring out)

- Obsessive–Compulsive disorder Insight specifier
- Body Dysmorphic Disorder With muscle dysmorphia
- Body Dysmorphic Disorder Insight specifier
- Hoarding Disorder With excessive acquisition
- Hoarding Disorder Insight specifier
- Trichotillomania (Hair–Pulling Disorder)
- Excoriation (Skin-Picking) Disorder
- Other Specified Body–focused repetitive behavior disorder
- Other Specified Obsessional jealousy
- Body Dysmorphic Disorder
- Hoarding Disorder
- Obsessive–Compulsive disorder
- O The symptom does not repeat across chapters
- The symptom repeats across chapters

# **Trauma- and Stressor-Related Disorders**



### Diagnoses (from the inside ring out)

- Posttraumatic Stress Disorder With dissociative symptoms
- Acute Stress Disorder
- Adjustment Disorders

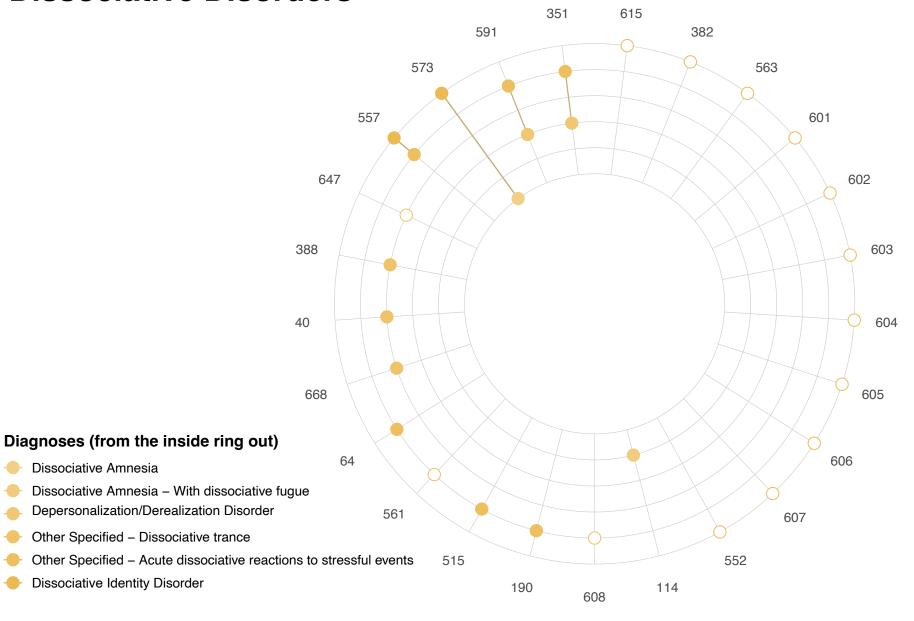
Figure S7

- Posttraumatic Stress Disorder
- The symptom does not repeat across chapters

### The symptom repeats across chapters

Cympt	oms
68	Reckless behavior
70	Difficulty concentrating
72	Aggression
77	
104	Separation anxiety
104	Distressed by exposure to cues related to
	traumatic event(s)
105	Physiological reactions to cues related to
	traumatic event(s)
106	Avoidance of internal cues associated with
	traumatic event(s)
107	Avoidance of external cues associated with
	traumatic event(s)
108	Distorted cognitions about the cause or
	consequences of traumatic event(s)
109	Persistent negative emotional state
111	Inability to experience positive emotions
112	Self-destructive behavior
113	Exaggerated startle response
165	Initiates physical fights
166	Stealing without confrontation of a victim
276	Restlessness
291	Irritable mood
295	Depressed mood
296	Diminished interest in activities
301	Insomnia
315	Loses temper
319	Feelings of hopelessness
321	Anxiety
351	Depersonalization
372	Dissociative reactions (eg, flashbacks)
	related to a traumatic event
373	Exaggerated negative beliefs about onese
374	Exaggerated negative beliefs about others
375	Exaggerated negative beliefs about the
	world
376	Emotional detachment
377	Tearfulness
435	Bullies, threatens, or intimidates others
436	Used a weapon that can cause serious
.00	physical harm
437	Physically cruel to people
438	Physically cruel to animals
439	Stealing while confronting a victim
440	Breaking into a house, building, or car
441	Lies to avoid obligations
442	Lies to obtain goods or favors
567	Dissatisfaction with sleep quantity or quality
573	Inability to remember an important aspect
	traumatic event(s)
576	Forced someone into sexual activity
577	Fire setting with the intention of causing
	serious damage
588	Deliberately destroyed others' property
591	Derealization while awake and alert
593	Distressing dreams related to traumatic
	event(s)
599	Intrusive distressing memories of traumation
	event(s)
600	Hypervigilance
633	Worry
650	Social withdrawal
658	Angry outbursts without provocation
900	Blames self or others for the causes or
	consequences of traumatic event(s)

# **Dissociative Disorders**



### **Symptoms**

40 64 114 190 351 382 388 515 552 557 561 563 573 591 601 602 603	Stereotypy Stupor Wandering Sensation of slowed time Depersonalization Discontinuity in sense of self Transient paralysis Unusual perceptual experiences Gaps in the recall of personal information Alterations in sensory motor functioning Micro-amnesias Discontinuity in sense of agency Inability to remember an important aspect of traumatic event(s) Derealization while awake and alert Alterations in affect Alterations in behavior Alterations in consciousness
	Alterations in consciousness
605	Alterations in memory Alterations in perception
606	Alterations in cognition
607 608	Gaps in the recall of everyday events Constriction of consciousness
615	Two or more distinct personality states
647	Loss of consciousness
668	Reduced awareness of immediate surroundings

Dissociative Amnesia

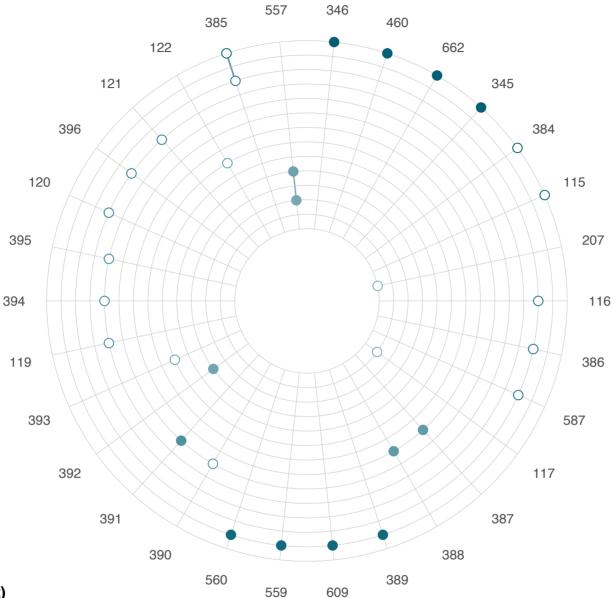
Other Specified - Dissociative trance

Dissociative Identity Disorder

O The symptom does not repeat across chapters

The symptom repeats across chapters

# **Somatic Symptom and Related Disorders**



### Diagnoses (from the inside ring out)

- Somatic Symptom Disorder With predominant pain
- Illness Anxiety Disorder Care-seeking type
- Conversion Disorder

Figure S9

- Conversion Disorder With attacks or seizures
- Conversion Disorder With anesthesia or sensory loss
- Conversion Disorder With special sensory symptom
- Other Specified Pseudocyesis

- Conversion Disorder With weakness or paralysis
- Conversion Disorder With speech symptoms
- Factitious Disorder Imposed on Self
- Factitious Disorder Imposed on Another
- Illness Anxiety Disorder
- Conversion Disorder With abnormal movement
- Somatic Symptom Disorder

- The symptom does not repeat across chapters
- The symptom repeats across chapters

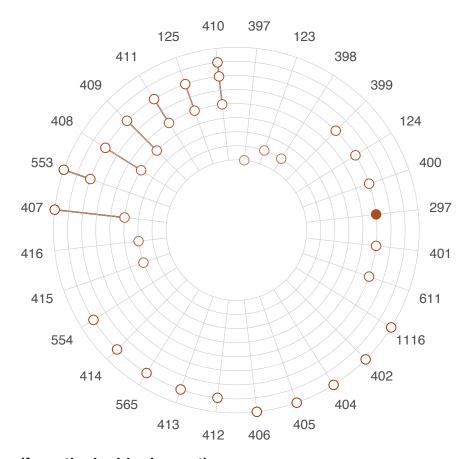
### **Symptoms**

662

Fátigue

115	Excessive time and energy devoted to
	physical symptoms or health concerns
116	Preoccupation with having or acquiring a
	serious illness
117	Medical care is frequently used
119	Falsification of physical or psychological
	signs or symptoms
120	Falsification of physical or psychological
	signs or symptoms in another
121	The individual presents another individual to
400	others as ill, impaired, or injured
122	A false belief of being pregnant associated
	with objective signs and reported symptoms
007	of pregnancy
207	Predominant pain
345	Nausea
346	Abdominal pain
384	Disproportionate and persistent thoughts
385	about the seriousness of physical symptoms High level of anxiety about health or
303	•
386	symptoms Excessive health-related behaviors
300	performed by the individual
387	Generalized muscle weakness
388	Transient paralysis
389	Tremor
390	Dysphonia
391	Slurred speech
392	Seizures
393	Visual, olfactory, or hearing disturbance
394	Induction of injury or disease in self
395	Presents self to others as ill, injured or
000	impaired
396	Induction of injury or disease in another
460	Headache
557	Alterations in sensory-motor functioning
559	Myoclonus
560	Unsteady gait
587	Maladaptive avoidance of medical care
609	Dystonias

# Feeding and Eating Disorders



### Diagnoses (from the inside ring out)

- Pica
- Rumination Disorder

Figure S10

- Other Specified Night eating syndrome
- Anorexia Nervosa Restricting type
- Anorexia Nervosa Binge-eating/purging type
- Bulimia Nervosa
- Binge-Eating Disorder
- The symptom does not repeat across chapters
- The symptom repeats across chapters

**Symptoms** 

Repeated regurgitation of food Avoidance based on the sensory

Misuse of laxatives, diuretics, or enemas (as

Eating of nonnutritive, nonfood substances

Regurgitated food may be re-chewed, re-

Apparent lack of interest in eating or food

Concern about aversive consequences of

Fear of gaining weight or becoming fat

Disturbance in the way body weight or

Self-induced vomiting (as purging

Eating alone because of feeling

Eating after awakening from sleep

Excessive food consumption after the

Eating much more rapidly than normal

Eating until feeling uncomfortably full during

Undue influence of body weight or shape on

Feeling disgusted, depressed, or very guilty

Dependence on oral nutritional supplements

Eating large amounts of food when not

embarrassed by how much one is eating

Behavior that interferes with weight gain

Lack of recognition of the seriousness of

Dependence on enteral feeding

characteristics of food

purging behaviour)

swallowed, or spit out

shape is experienced

Excessive exercise

during binge eating

during binge eating

current low body weight

Weight loss

eating

Dietina

Fasting

Binge eating

behaviour)

binge eating

evening meal

self-evaluation

about binge eating

hungry during binge eating

Significantly low body weight

123

124

125

297

397 398

399

400

401

402

404 405

406

407

408

409 410

411

412

413

414

415

416

553

554

565

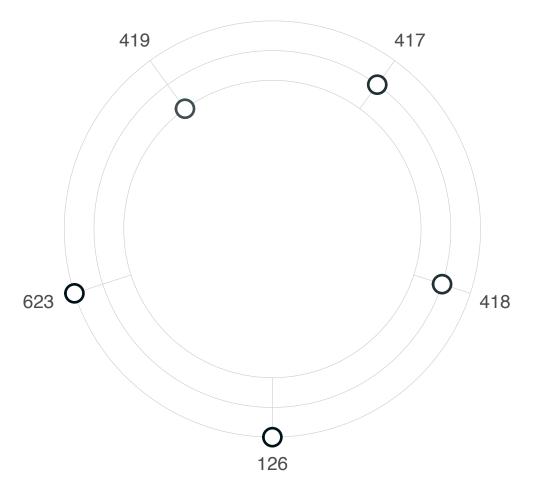
611

1116

### Avoidant/Restrictive Food Intake Disorder

- Anorexia Nervosa

# **Elimination Disorders**



### **Symptoms**

- Accidental pooping in inappropriate places 126
- Accidental peeing in bed or clothes Deliberate peeing in bed or clothes 417
- 418
- Constipation 419
- 623 Deliberate pooping in inappropriate places

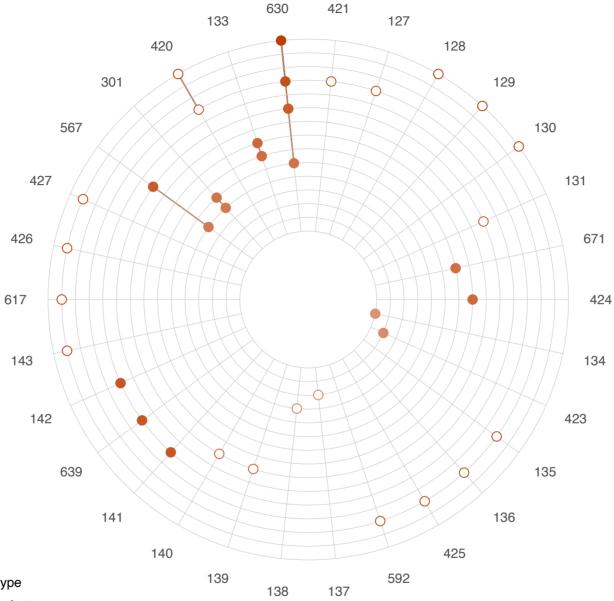
### Diagnoses (from the inside ring out)

- Encopresis With constipation and overflow incontinence
- Enuresis
- Encopresis

Figure S11

# **Sleep-Wake Disorders**

- O The symptom does not repeat across chapters
- The symptom repeats across chapters



### Diagnoses (from the inside ring out)

- Circadian Rhythm Sleep-Wake Disorders Irregular sleep-wake type
- Circadian Rhythm Sleep-Wake Disorders Non-24-hour sleep-wake type
- Non-Rapid Eye Movement Sleep Arousal Disorders With sleep-related eating
- Non-Rapid Eye Movement Sleep Arousal Disorders With sleep-related sexual behavior
- Insomnia Disorder
- Circadian Rhythm Sleep-Wake Disorders
- Circadian Rhythm Sleep-Wake Disorders Delayed sleep phase type
- Circadian Rhythm Sleep-Wake Disorders Advanced sleep phase type

### Figure S12

# 139 138 137 Nightmare Disorder Obstructive Sleep Apnea Hypopnea Rapid Eye Movement Sleep Behavior Disorder Hypersomnolence Disorder Hypersomnolence Disorder Non-Rapid Eye Movement Sleep Arousal Disorders Restless Legs Syndrome Narcolepsy

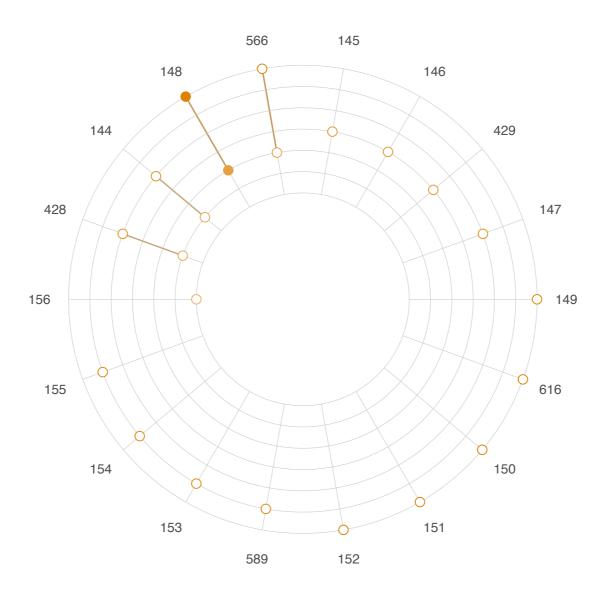
127	Difficulty being fully awake after abrupt
128	awakening Sudden bilateral loss of muscle tone with maintained consciousness that are
	precipitated by laughter or joking
129	Spontaneous grimaces or jaw-opening
	episodes with tongue thrusting
130	Global hypotonia
131	Nocturnal breathing disturbances
133	An inability to remain awake or asleep until the desired or conventionally acceptable sleep or wake times
134	A temporally disorganized sleep-wake
104	pattern, variable throughout or not
	synchronized to the 24-hour period
135	Rising from bed during sleep and walking
133	
136	about Abrupt terror arousals from sleep with intens
130	fear, signs of autonomic arousal, and relative
	unresponsiveness to comforting
107	
137 138	Sleep-related eating
139	Sleep-related sexual behavior Extended, extremely dysphoric, and well-
139	remembered dreams
140	The individual rapidly becomes oriented and
140	alert on waking from dysphoric dreams
141	Repeated episodes of arousal during sleep
141	associated with vocalization
142	Upon awakening from episodes of arousal
142	during sleep, the individual is completely
	awake and alert
143	An urge to move the legs
301	Insomnia
420	Lapsing into sleep or napping throughout the
720	day
421	Sleep of more than 9 hours per day that is
721	unrefreshing
423	A consistent daily drift of sleep onset and
120	wake times
424	A pattern of advanced sleep onset and
727	awakening times
425	No or little dream imagery is recalled Urge to
426	move legs begins or worsens during periods
120	of rest or inactivity
427	Urge to move legs is worse in the evening
567	Dissatisfaction with sleep quantity or quality
592	Amnesia for episodes of incomplete
002	awakening from sleep
617	Uncomfortable and unpleasant sensations in
•	the legs
630	Hypersomnia/sleepiness
639	Episodes of arousal during sleep associated
300	with complex motor behaviors
671	A pattern of delayed sleep onset and
• • •	awakening times

# **Sexual Dysfunctions**

- O The symptom does not repeat across chapters
- The symptom repeats across chapters

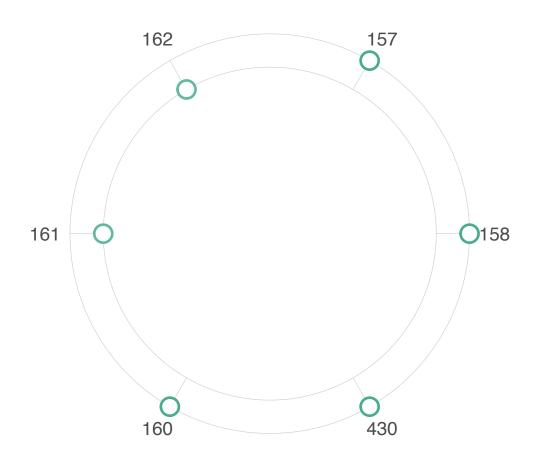
### **Diagnoses (from the inside ring out)**

- Premature (Early) Ejaculation
- Delayed Ejaculation
- Male Hypoactive Sexual Desire Disorder
- Erectile Disorder
- Female Orgasmic Disorder
- Genito-Pelvic Pain/Penetration Disorder
- Female Sexual Interest/Arousal Disorder



144	Anorgasmia
145	Difficulty obtaining an erection
146	Difficulty maintaining an erection
147	Reduced orgasmic intensity
148	Reduced interest in sexual activity
149	Reduced initiation of sexual activity
150	Reduced sexual pleasure during sexual
150	activity
151	Reduced sexual interest or arousal in
	response to internal and external
	sexual/erotic cues
152	Reduced sensations during sexual activity
153	Pain during vaginal intercourse or
	penetration attempts
154	Anxiety about sexual pain
155	Tensing or tightening of the pelvic floor
	during attempted vaginal penetration
156	Ejaculation during partnered sexual activity
	within approximately 1 minute
428	Delay in orgasm
429	Decrease in erectile rigidity
566	Absent/reduced sexual thoughts or
	fantasties
589	Difficulties with vaginal penetration during
	intercourse
616	Unreceptive to a partner's attempts to
	initiate sexual activity
	•

# **Gender Dysphoria**



### **Symptoms**

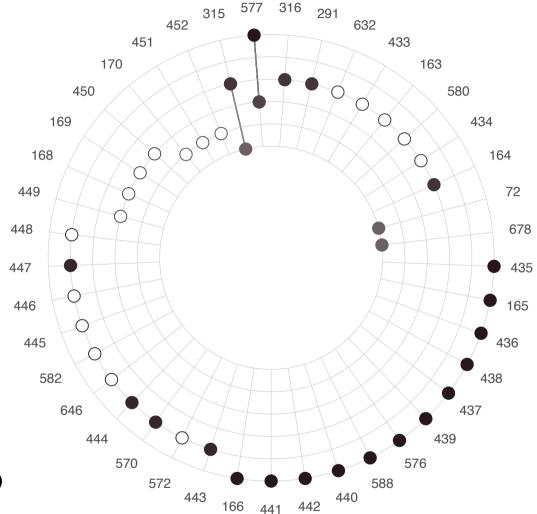
Incongruence between one's
experienced/expressed gender and primary
and/or secondary sex characteristics
Desire to be rid of one's primary and/or
secondary sex characteristics
Conviction that one has the typical feelings and
reactions of another gender
The individual has transitioned to full-time living
in the desired gender
Cross-sex medical procedure or treatment
Desire to be a different gender/for the sex
characteristics of another gender

### Diagnoses (from the inside ring out)

- Gender Dysphoria in Adolescents and Adults Posttransition
- Gender Dysphoria in Adolescents and Adults

# Disruptive, Impulse-Control, and Conduct Disorders

- O The symptom does not repeat across chapters
- The symptom repeats across chapters



### Diagnoses (from the inside ring out)

- Intermittent Explosive Disorder
- Kleptomania
- Pyromania
- Oppositional Defiant Disorder
- Conduct Disorder With limited prosocial emotions
- Conduct Disorder

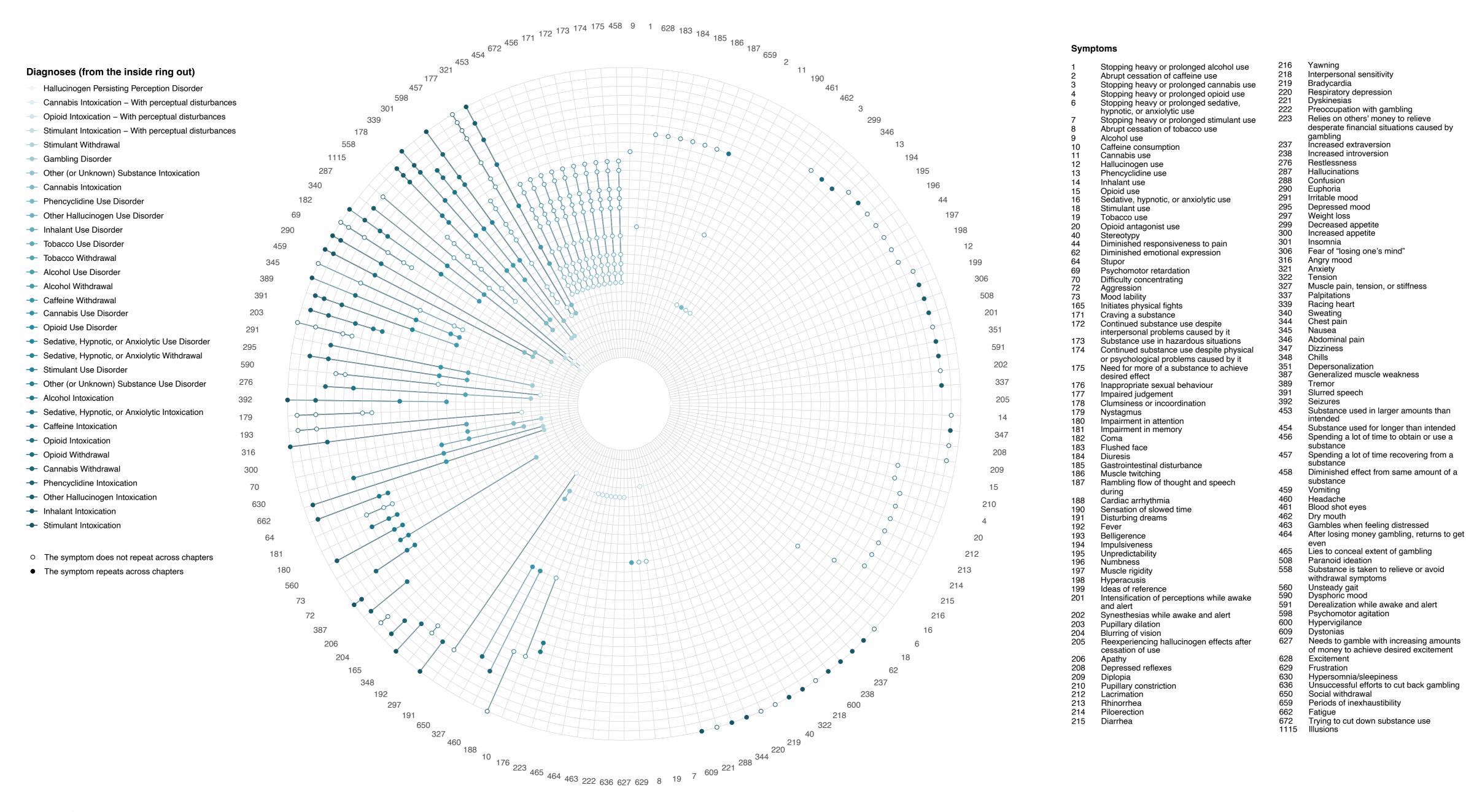
### Figure S15

### **Symptoms**

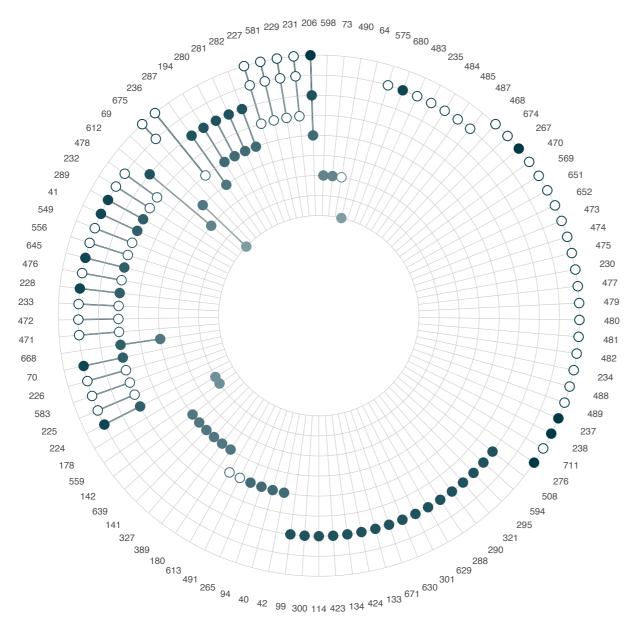
Cympt	omo
72	Aggression
163	Refuses to comply with requests from authority figures
164	Spiteful or vindictive
165	Initiates physical fights
166	Stealing without confrontation of a victim
168	Fascination with fire
169	Pleasure, gratification, or relief from the aftermath of fires
170	Failure to resist impulses to steal objects
291	Irritable mood
315	Loses temper
316	Angry mood
433	Argues with authority figures
434	Blames others for mistakes or misbehavior
435	Bullies, threatens, or intimidates others
436	Used a weapon that can cause serious
	physical harm
437	Physically cruel to people
438	Physically cruel to animals
439	Stealing while confronting a victim
440	Breaking into a house, building, or car
441	Lies to avoid obligations
442	Lies to obtain goods or favors
443	Does not feel bad or guilty after doing
444	something wrong
444	The individual is described as cold and
4.45	uncaring
445	Does not put in effort to perform well, even
446	with clear expectations
440 447	Blames others for poor performance Only expresses emotions in ways that seem
447	
448	superficial Emotions expressed only for personal gain
449	Tension or affective arousal before setting a
443	fire
450	Pleasure, gratification, or relief when setting
430	fires
451	Increasing tension before committing theft
452	Pleasure, gratification, or relief when
70L	committing theft
570	Disregards and is unconcerned about
0.0	feelings of others
572	Lack of concern about the consequences of
0.2	actions
576	Forced someone into sexual activity
577	Fire setting with the intention of causing
• • •	serious damage
580	Deliberately annoys others
582	Does not show concern about poor
	performance in important activities
588	Deliberately destroyed others' property
632	Resentment
646	More concerned about self than others,
•	
678	even when actions substantially harm others Behavioral outbursts involving damage or

destruction of property

# **Substance–Related and Addictive Disorders**



# **Neurocognitive Disorders**



### Diagnoses (from the inside ring out)

- Delirium Hypoactive
- Major or Mild Neurocognitive Disorder Due to Prion Disease
- Delirium Hyperactive

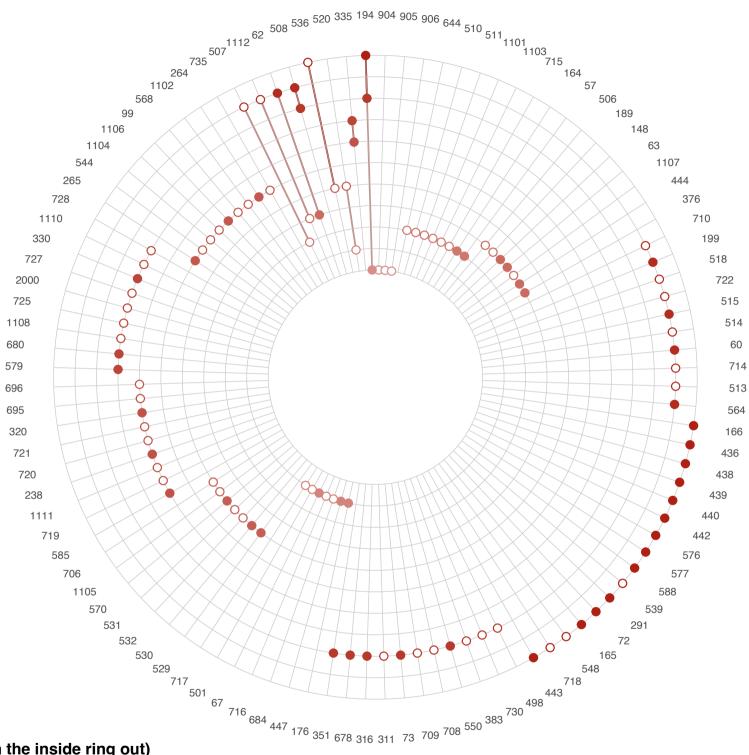
Figure S17

- Major or Mild Neurocognitive Disorder With Lewy Bodies
- Major or Mild Frontotemporal Neurocognitive Disorder behavioral variant
   Mild Neurocognitive Disorder
- → Major or Mild Neurocognitive Disorder With behavioural disturbance
- Major Neurocognitive Disorder
- The symptom does not repeat across chapters
- The symptom repeats across chapters

### **Symptoms**

٠,			
40	Stereotypy	468	Normal tasks take longer than previously
41	Echolalia	470	More effort required to complete multistage
42	Perseverative behavior		projects
64	Stupor	471	Cannot keep track of short list of items
69	Psychomotor retardation	472	Requires frequent reminders to orient to
70	Difficulty concentrating		task at hand
73	Mood lability	473	Difficulty recalling recent events; relies on
94	Compulsive behavior		lists or calendars
99	Hoarding	474	Needs reminders or re-reading to keep track
114	Wandering		of characters in a movie or novel
133	An inability to remain awake or asleep until	475	Loses track of whether bills have been paid
	the desired or conventionally acceptable	476	Does not recall names of close friends and
	sleep or wake times		family
134	A temporally disorganized sleep-wake	477	Avoids use of specific names of
	pattern, variable throughout or not	470	acquaintances
	synchronized to the 24-hour period	478	More confused at dusk, when shadows and
141	Repeated episodes of arousal during sleep	470	lowering levels of light change perceptions
	associated with vocalization	479	Relies more on maps or others for directions
142	Upon awakening from episodes of arousal	480	Uses notes and follows others to get to a
	during sleep, the individual is completely	404	new place
	awake and alert	481	Finds self lost or turned around when not concentrating on task
178	Clumsiness or incoordination	482	
180	Impairment in attention	483	Is less precise in parking
194	Impulsiveness	403	Behavior clearly out of acceptable social
206	Apathy	484	range Focuses excessively on a topic despite
224	Distractibility	707	group's disinterest or direct feedback
225	Unable to attend unless input is restricted	485	Behavioral intention without regard to family
	and simplified	400	or friends
226	Unable to perform mental calculations	487	Has little insight into social cognition
227	Difficulty in environments with multiple	.07	changes
000	stimuli	488	Less ability to recognize social cues
228	Difficulty with verbal communication of	489	Less ability to read facial expressions
229	messages Often uses general use phreese and	490	Refusal to cooperate with medical care
229	Often uses general-use phrases and	491	Hyperorality
230	pronouns Noticeable word-finding difficulty	508	Paranoid ideation
231	Grammatical errors	549	Economy of utterances
232	Difficulties with previously familiar activities	556	Spontaneity of output
233	Difficulties navigating familiar environments	559	Myoclonus
234	Needs to expend greater effort for spatial	569	Difficulty resuming a task interrupted
204	tasks	575	Abandons complex projects
235	Insensitivity to social standards	581	Repeats self, often within the same
236	Decreased empathy		conversation
237	Increased extraversion	583	Difficulty holding new information in mind
238	Increased introversion	594	Delusions
265	Ritualized patterns of nonverbal behavior	598	Psychomotor agitation
267	Fails to give close attention to details or	612	Agitation
	makes careless mistakes	613	Dietary changes
276	Restlessness	629	Frustration
280	Difficulty waiting his or her turn (eg, while	630	Hypersomnia/sleepiness
	waiting in line)	639	Episodes of arousal during sleep associated with complex motor behaviors
281	Interrupts others	G 4 E	•
282	Intrudes on others	645 651	Stereotypy of speech Increased fatigue from the effort to organize,
287	Hallucinations	051	plan, and make decisions
288	Confusion	652	Large social gatherings are less enjoyable
289	Mutism	032	because of effort to follow shifting
290	Euphoria		conversations
295	Depressed mood	668	Reduced awareness of immediate
300	Increased appetite	000	surroundings
301	Insomnia	671	A pattern of delayed sleep onset and
321	Anxiety	07 1	awakening times
327	Muscle pain, tension, or stiffness Tremor	674	Begins to find errors in routine tasks
389 423		675	Needs to focus on one task at a time
423	A consistent daily drift of sleep onset and wake times	680	Relies on others for major areas of life
424		711	Decreased inhibition
424	A pattern of advanced sleep onset and awakening times		

# **Personality Disorders**

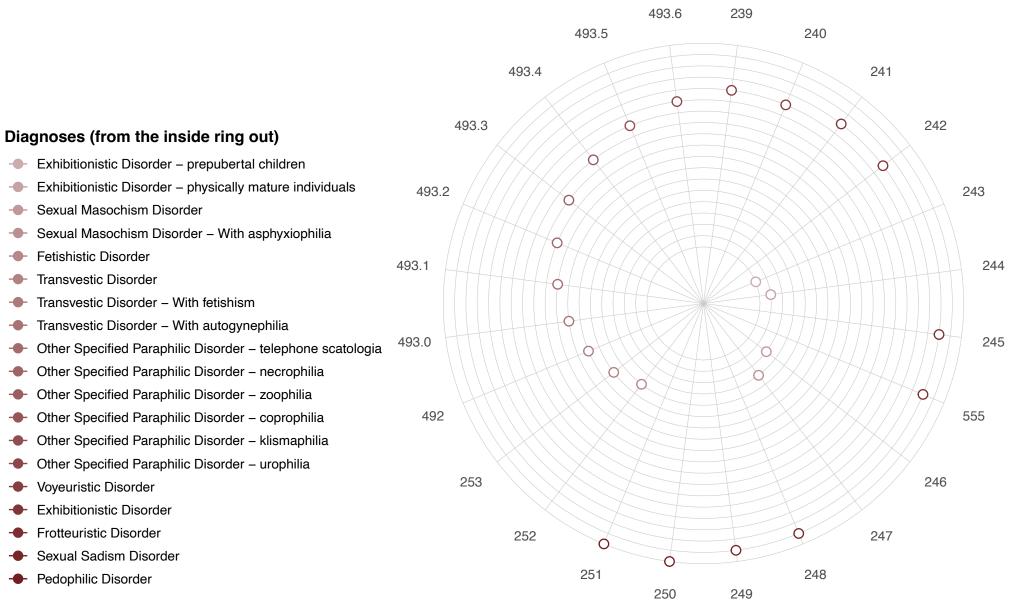


### Diagnoses (from the inside ring out)

- General Personality Disorder
- Histrionic Personality Disorder
- Paranoid Personality Disorder
- Schizoid Personality Disorder
- Narcissistic Personality Disorder
- Obsessive-Compulsive Personality Disorder
- Avoidant Personality Disorder
- Dependent Personality Disorder
- Borderline Personality Disorder
- Schizotypal Personality Disorder
- Antisocial Personality Disorder
- O The symptom does not repeat across chapters
- The symptom repeats across chapters

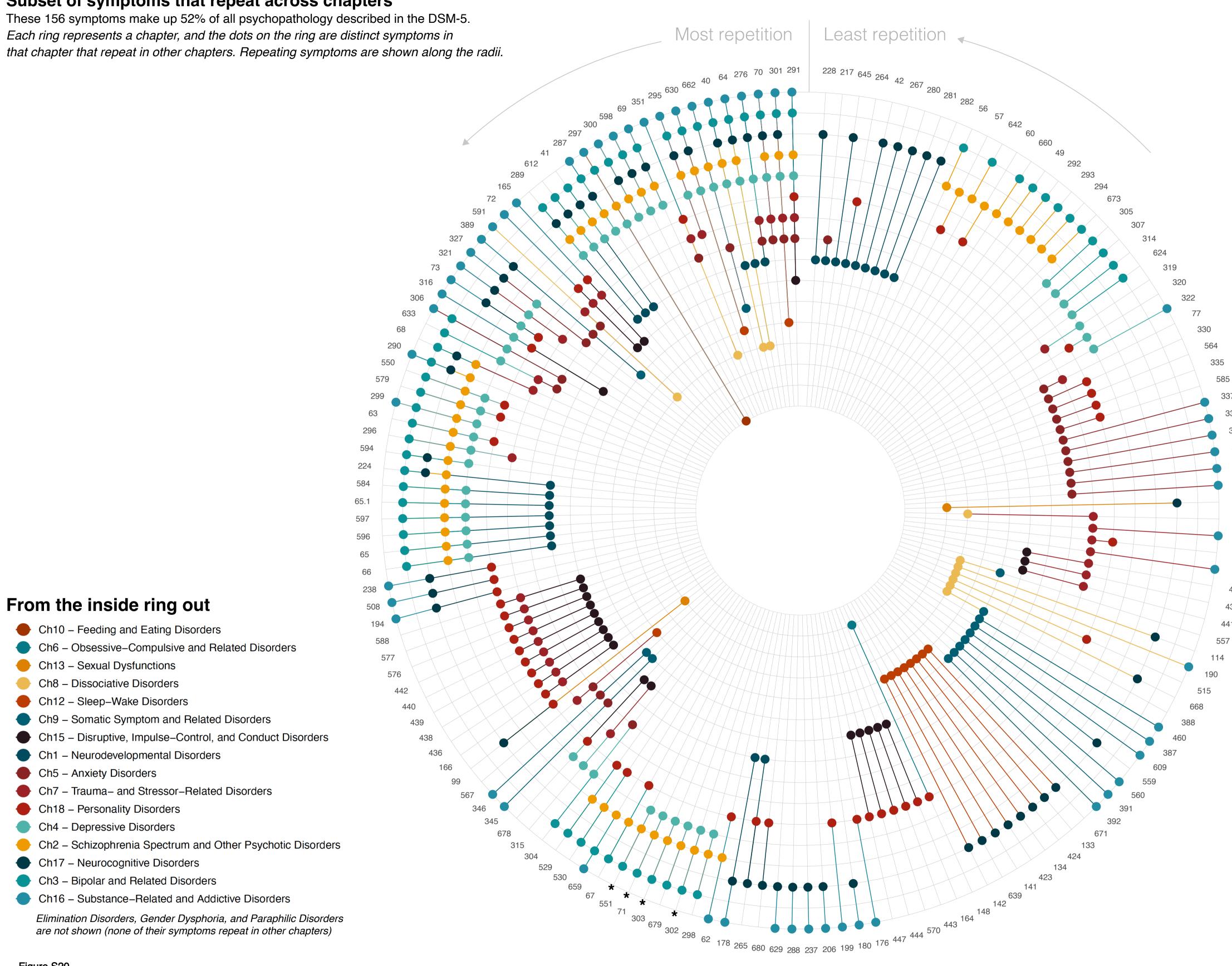
Symp	otoms		
57	Delusion that spouse or lover is unfaithful	570	Disregards and is unconcerned about feelings
60	Odd speech		of others
62	Diminished emotional expression	576	Forced someone into sexual activity
63	Diminished pleasure in activities	577	Fire setting with the intention of causing serious
67	Expansive mood	570	damage
72	Aggression	579	Difficulty making decisions without excessive advice and reassurance
73	Mood lability	585	Avoids social situations
99	Hoarding	588	Deliberately destroyed others' property
148	Reduced interest in sexual activity	644	Suspects, without sufficient basis, that others
164 165	Spiteful or vindictive Initiates physical fights	•	are exploiting, harming, or deceiving them
166	Stealing without confrontation of a victim	678	Behavioral outbursts involving damage or
176	Inappropriate sexual behaviour		destruction of property
189	Chooses solitary activities	680	Relies on others for major areas of life
194	Impulsiveness	684	Uses physical appearance to draw attention to
199	Ideas of reference	695	self
238	Increased introversion	696	Unusually reluctant to take personal risks Unusually reluctant to engage in any new
264	Rigidity	090	activities
265	Ritualized patterns of nonverbal behavior	706	Believes that others are envious of him or her
291	Irritable mood	708	Recurrent suicidal threats
311 316	Feelings of emptiness Angry mood	709	Recurrent self-mutilating behavior
320	Views self as inferior or inadequate	710	Acute discomfort with, and reduced capacity for,
330	Feels uncomfortable or helpless when alone		close relationships
335	Fear of or preoccupation with criticism,	714	Inappropriate affect
	disapproval, or rejection, being shamed or	715	Perceives attacks on character that are not
	ridiculed	716	apparent to others
351	Depersonalization	710	Speech that is excessively impressionistic and lacking in detail
376	Emotional detachment	717	Considers relationships to be more intimate
383 436	Persistently unstable self-image or sense of self	, . ,	than they are
430	Used a weapon that can cause serious physical harm	718	Consistent irresponsibility
438	Physically cruel to animals	719	Unwilling to get involved with people unless
439	Stealing while confronting a victim		certain of being liked
440	Breaking into a house, building, or car	720	Views self as socially inept
442	Lies to obtain goods or favors	721	Views self as personally unappealing to others
443	Does not feel bad or guilty after doing	722 725	Bizarre fantasies or preoccupations
	something wrong	725	Difficulty initiating projects or doing things on his or her own
444	The individual is described as cold and uncaring	727	Goes to excessive lengths to obtain nurturance
447	Only expresses emotions in ways that seem superficial		and support to the point of volunteering to do
498	Frantic efforts to avoid abandonment		things that are unpleasant
501	Is suggestible	728	Preoccupied with fears of being left to take care
506	Neither desires nor enjoys close relationships,		of self
	including family	730	Unstable and intense interpersonal relationships
507	A pervasive distrust and suspiciousness of		with alternating extremes of idealization and devaluation
	others	735	Stubbornness
508 510	Paranoid ideation	904	Inner experience and behavior that deviates
510	Preoccupied with unjustified doubts about the loyalty or trustworthiness of others	• • • • • • • • • • • • • • • • • • • •	markedly from expectations in cognition
511	Reluctant to confide in others because of fear	905	Inner experience and behavior that deviates
•	the information will be used against them		markedly from expectations in affectivity
513	Behavior or appearance that is odd, eccentric,	906	Inner experience and behavior that deviates
	or peculiar		markedly from expectations in interpersonal
514	Odd thinking	1101	functioning Reads hidden demeaning or threatening
515	Unusual perceptual experiences	1101	meanings into benign remarks or events
518	Odd beliefs or magical thinking that influences behavior.	1102	Miserly spending style; money is viewed as
520	Uncomfortable in situations where not the		something to be hoarded
320	center of attention	1103	Persistently bears grudges
529	Grandiosity	1104	Excessive devotion to work and productivity
530	Inflated self-esteem	1105	Envious of others
531	Sense of entitlement	1106	Overconscientious, scrupulous, and inflexible
532	Believes they are "special" and can only be	1107	about ethics Appears indifferent to praise or criticism of
	understood by other special or high-status	1107	others
F00	people (or institutions); Arrogance	1108	Difficulty expressing disagreement because of
536 530	Deceitfulness	1100	fear of loss of approval
539 544	Failure to plan ahead Rigid perfectionism	1110	Urgently seeks another relationship when a
548	Reckless disregard for safety of self or others		close relationship ends
550	Suicidal behavior	1111	Shows restraint within intimate relationships
564	Social anxiety	1112	Lacks close friends or confidants other than
568	Reluctant to delegate tasks unless done exactly	0000	first-degree relatives
	their way	2000	Lack of self-confidence in judgment or abilities

# **Paraphilic Disorders**



239	Sexual voyeurism
240	Acting on voyeuristic urges with a nonconsenting person
241	Sexual exhibitionism
242	Acting on exhibitionistic urges with a
	nonconsenting person
243	Sexually aroused by exposing genitals to
	prepubertal children
244	Sexually aroused by exposing genitals to
	physically mature individuals
245	Frotteurism
246	Sexual masochism
247	Sexual arousal related to restriction of breathin
248 249	Sexual sadism
249 250	Acting on sadistic with a nonconsenting persor Pedophilia
251	The individual has acted on pedophilic urges
252	Sexual fetishism
253	Sexual arousal related to cross-dressing
192	Sexually aroused by fabrics, materials, or
	garments
193.0	Sexually aroused by thoughts or images of sel-
	as female
193.1	Sexual arousal involving obscene phone calls
193.2	Sexual arousal involving corpses
193.3	Sexual arousal involving animals
193.4	Sexual arousal involving feces
193.5	Sexual arousal involving enemas
193.6	Sexual arousal involving urine
555	The individual has acted on frotteurism urges with a nonconsenting person
	with a nonconsenting person

# Subset of symptoms that repeat across chapters



**Symptoms** 

289 290

Mutism

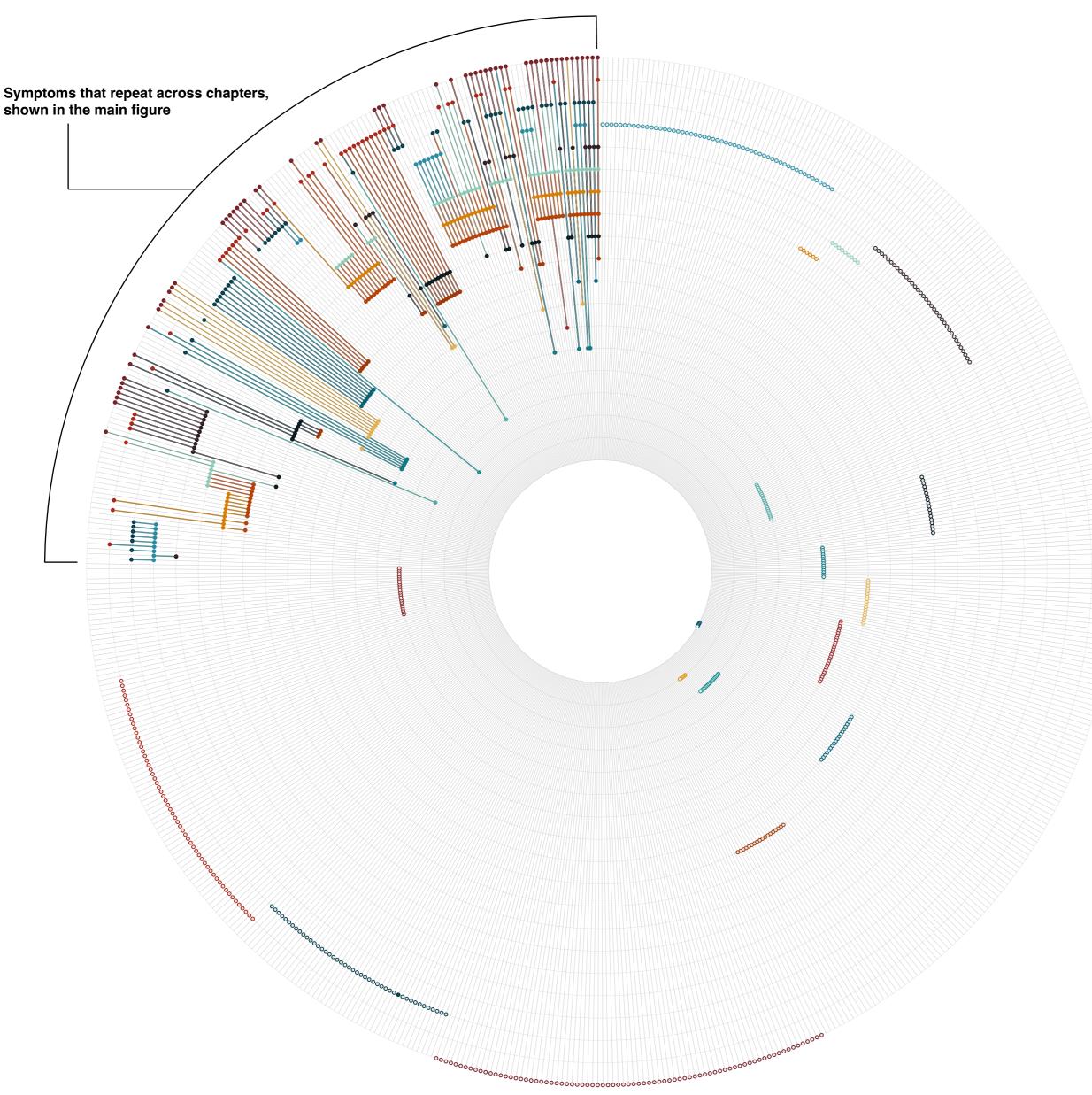
Euphoria

40	Stereotypy	291	Irritable mood	508	Paranoid ideation
41	Echolalia	292	Pressure to keep talking	515	Unusual perceptual experiences
42	Perseverative behavior	293	Flight of ideas	529	Grandiosity
49	More talkative than usual	294	Feeling that thoughts are racing	530	Inflated self-esteem
56	Grandiose delusions	295	Depressed mood	550	Suicidal behavior
57	Delusion that spouse or lover is unfaithful	296	Diminished interest in activities	551	Specific plan for committing suicide
	•	297	Weight loss		
60 62	Odd speech Diminished emotional expression	298	Weight gain	557 550	Alterations in sensory-motor functioning
63	•	299	Decreased appetite	559	Myoclonus
	Diminished pleasure in activities	300	Increased appetite	560	Unsteady gait
64 65	Stupor	301	Insomnia	564	Social anxiety that does not diminish with
65 65 1	Waxy flexibility	302	Feelings of worthlessness		familiarity and is associated with paranoid
65.1	Grimacing Catalogov/poeturing	303	Thoughts of death	<b>507</b>	fears
66 67	Catalepsy/posturing	304	Feeling keyed up or tense	567	Dissatisfaction with sleep quantity or
67	Expansive mood	305	Fear that something awful may happen		quality
68	Reckless behavior	306	Fear of "losing one's mind"	570	Disregards and is unconcerned about
69	Psychomotor retardation	307	Mood reactivity	<b>570</b>	feelings of others
70	Difficulty concentrating	314	Leaden paralysis	573	Inability to remember an important aspect
71	Suicidal ideation without a specific plan	315	Loses temper		of traumatic event(s)
72	Aggression	316	Angry mood	576	Forced someone into sexual activity
73	Mood lability	319	Feelings of hopelessness	577	Fire setting with the intention of causing
77	Separation anxiety	320	Views self as inferior or inadequate		serious damage
94	Compulsive behavior	321		579	Difficulty making decisions without
99	Hoarding	322	Anxiety Tension		excessive advice and reassurance
114	Wandering	327	Muscle pain, tension, or stiffness	584	Echopraxia
133	An inability to remain awake or asleep until	330	Feels uncomfortable or helpless when	585	Avoids social situations
	the desired or conventionally acceptable	330	alone	588	Deliberately destroyed others' property
	sleep or wake times	225		591	Derealization while awake and alert
134	A temporally disorganized sleep-wake	335	Fear of or preoccupation with criticism,	594	Delusions
	pattern, variable throughout or not		disapproval, or rejection, being shamed or	596	Negativism
	synchronized to the 24-hour period	227	ridiculed	597	Mannerism
141	Repeated episodes of arousal during sleep	337	Palpitations  Paging boort	598	Psychomotor agitation
	associated with vocalization	339	Racing heart	600	Hypervigilance
142	Upon awakening from episodes of arousal	340	Sweating	609	Dystonias
	during sleep, the individual is completely	344	Chest pain	612	Agitation
	awake and alert	345	Nausea	624	Interpersonal rejection sensitivity
148	Reduced interest in sexual activity	346	Abdominal pain	629	Frustration
164	Spiteful or vindictive	347	Dizziness	630	Hypersomnia/sleepiness
165	Initiates physical fights	348	Chills	633	Worry
166	Stealing without confrontation of a victim	351	Depersonalization	639	Episodes of arousal during sleep
176	Inappropriate sexual behaviour	376	Emotional detachment		associated with complex motor behaviors
178	Clumsiness or incoordination	387	Generalized muscle weakness	642	Persecutory delusion
180	Impairment in attention	388	Transient paralysis	645	Stereotypy of speech
190	Sensation of slowed time	389	Tremor	650	Social withdrawal
194	Impulsiveness	391	Slurred speech	659	Periods of inexhaustibility
199	Ideas of reference	392	Seizures	660	Decreased need for sleep
206	Apathy	423	A consistent daily drift of sleep onset and	662	Fatigue
217	Anxiety about speaking	404	wake times	668	Reduced awareness of immediate
224	Distractibility	424	A pattern of advanced sleep onset and		surroundings
228	Difficulty with verbal communication of	405	awakening times	671	A pattern of delayed sleep onset and
	messages	435	Bullies, threatens, or intimidates others		awakening times
237	Increased extraversion	436	Used a weapon that can cause serious	673	Increase in goal-directed activity
238	Increased introversion	407	physical harm	678	Behavioral outbursts involving damage or
264	Rigidity	437	Physically cruel to people		destruction of property
265	Ritualized patterns of nonverbal behavior	438	Physically cruel to animals	679	Feelings of inappropriate or excessive guilt
267	Fails to give close attention to details or	439	Stealing while confronting a victim	680	Relies on others for major areas of life
	makes careless mistakes	440	Breaking into a house, building, or car		·
276	Restlessness	441	Lies to avoid obligations		
280	Difficulty waiting his or her turn (eg, while	442	Lies to obtain goods or favors		
	waiting in line)	443	Does not feel bad or guilty after doing		
281	Interrupts others	4.4.4	something wrong		
282	Intrudes on others	444	The individual is described as cold and		
287	Hallucinations		uncaring		
288	Confusion	447	Only expresses emotions in ways that		
289	Mutism		seem superficial		

Headache

Figure S20

# **All Symptoms and Chapters**



# From the inside ring out

- → Ch11 Elimination Disorders
- Ch14 Gender Dysphoria
- Ch13 Sexual Dysfunctions
- Ch6 Obsessive–Compulsive and Related Disorders
- Ch19 Paraphilic Disorders
- → Ch8 Dissociative Disorders
- → Ch10 Feeding and Eating Disorders
- Ch9 Somatic Symptom and Related Disorders
- Ch12 Sleep–Wake Disorders
- Ch15 Disruptive, Impulse-Control, and Conduct Disorders
- Ch7 Trauma- and Stressor-Related Disorders
- Ch3 Bipolar and Related Disorders
- Ch2 Schizophrenia Spectrum and Other Psychotic Disorders
- Ch4 Depressive Disorders
- Ch5 Anxiety Disorders
- Ch1 Neurodevelopmental Disorders
- Ch17 Neurocognitive Disorders
- → Ch18 Personality Disorders
- Ch16 Substance–Related and Addictive Disorders
- The symptom does not repeat across chapters
- The symptom repeats across chapters