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DSM-IV Mood Disorders

Revised Algorithm for Bipolar Spectrum

Note that this documentation covers Bipolar, Mania, and Hypomania disorders, and the development of the released variables for those disorder. "Old" variables referred to have not been released.

We re-calibrated bipolar disorder using our clinical data in the United States and significantly improved the concordance of the CIDI and the SCID (validity statistics are attached). To do this we worked with several experts in the bipolar field. They told us that the CIDI was over-estimating bipolar I disorder. Therefore we went back to the raw data and looked for patterns in the data to arrive at new, more restrictive definitions of bipolar I, II, and created a new variable called bipolar sub-threshold. We tested these new definitions by using the validity statistics to see how well these did in predicting the clinical diagnosis in the clinical sample. The best definition was as follows:

DSM-IV Manic Episode(Old Version)

A. Part 1 AND Part 2

Part 1. A distinct period of abnormally and persistently elevated, expansive, or irritable mood.

SC24 = Yes(1) OR SC25a = Yes(1)

Part 2. A distinct period of abnormally and persistently elevated, expansive, or irritable mood lasting at least 1 week(or any duration if hospitalization is necessary).

(M3b >= 1 week) OR (M3d >= 1 week) OR (M6b >= 1 week) OR (M6d >= 1 week) OR
(0 < M20 < 998)OR (M22 >= 1 week) OR M48 is Yes(1)

B. During the mood disturbance, three(or more) of the following symptoms have persisted(four if the mood is only irritable) and have been present to a significant degree:

Mood is only irritable: SC25a is Yes(1) and (SC24 is NOT Yes(1))

1. inflated self-esteem or grandiosity

M7n is Yes(1) OR M7o is Yes(1)

2. decreased need for sleep(e.g., feels rested after only 3 hours of sleep)

M7j is Yes(1)

3. more talkative than usual or pressure to keep talking

M7f is Yes(1)

4. flight of ideas or subjective experience that thoughts are racing

M7i is Yes(1)

5. distractibility (i.e., attention too easily drawn to unimportant or irrelevant external stimuli)

M7g is Yes(1) OR M7h is Yes(1)

6. increase in goal-oriented activity(either socially, at work or school, or sexually) or psychomotor agitation.

M7a is Yes(1) OR M7b is Yes(1) OR M7c is Yes(1) OR M7e is Yes(1)

7. excessive involvement in pleasurable activities that have a high potential for painful consequences(e.g., engaging in unrestrained buying sprees, sexual indiscretions, or foolish business investments)

M7k is Yes(1) OR M7l is Yes(1) OR M7m is Yes(1)

- C. The symptoms do not meet criteria for a Mixed Episode

Not Operationalized

- D. Part 1 OR Part 2 OR Part 3

Part 1. The mood disturbance is sufficiently severe to cause marked impairment in occupational functioning or in usual social activities or relationships with others.

M9 is (4,5) OR M9a is (1,2) OR (at least 1 of M27a-M2d is between 7 and 10) OR (5 <= M29 < 365) OR M33 is Yes(1)

Part 2. The mood disturbance is sufficiently severe to necessitate hospitalization to prevent harm to self.

M48 is Yes(1)

Part 3. There are psychotic features

M7o is Yes(1)

- E. The symptoms are not due to the direct physiological effects of a substance(e.g., a drug of abuse, a medication, or other treatment) or a general medical condition (e.g. hyperthyroidism)

NOT(M10b is Yes(1)) AND M10a is(1,5,8,9)

Note: M10b is used as an initial screener only. All open ended items are reviewed by a clinician to determine organic exclusion.

World Mental Health CAPI Bipolar I Old

DSM_MAN_OLD is Yes(1)

DSM-IV Hypomanic Episode(Old version)

A. Part 1 AND Part 2

Part 1. A distinct period of abnormally and persistently elevated, expansive, or irritable mood.

SC24 is Yes(1) OR SC25a is Yes(1)

Part 2. A distinct period of abnormally and persistently elevated, expansive, or irritable mood lasting at least 4 days, that is clearly different from the usual nondepressed mood.

SC24 is Yes(1) OR (M3b \geq 4 days) OR (M3d \geq 4 days) OR (M6b \geq 4 days)
OR (M6d \geq 4 days) OR
(0 < M20 < 998) OR (M22 \geq 4 days)

B. During the mood disturbance, three(or more) of the following symptoms have persisted(four if the mood is only irritable) and have been present to a significant degree:

Mood is only irritable: SC25a is Yes(1) and (SC24 is NOT Yes(1))

1. inflated self-esteem or grandiosity

M7n is Yes(1) OR M7o is Yes(1)

2. decreased need for sleep(e.g., feels rested after only 3 hours of sleep)

M7j is Yes(1)

3. more talkative than usual or pressure to keep talking

M7f is Yes(1)

4. flight of ideas or subjective experience that thoughts are racing

M7i is Yes(1)

5. distractibility (i.e., attention too easily drawn to unimportant or irrelevant external stimuli)

M7g is Yes(1) OR M7h is Yes(1)

6. increase in goal-oriented activity(either socially, at work or school, or sexually) or psychomotor agitation.

M7a is Yes(1) OR M7b is Yes(1) OR M7c is Yes(1) OR M7e is Yes(1)

7. excessive involvement in pleasurable activities that have a high potential for painful consequences(e.g., engaging in unrestrained buying sprees, sexual indiscretions, or foolish business investments)

M7k is Yes(1) OR M7l is Yes(1) OR M7m is Yes(1)

- C. The episode is associated with an unequivocal change in functioning that is uncharacteristic of the person when not symptomatic.

M9 is (3,4,5) OR M9a is (1,2,3) OR (at least 1 of M27a-M2d is between 4 and 10) OR (2 <= M29 <= 365) OR M33 is Yes(1).

- D. The disturbance in mood and the change in functioning are observable by others.

Not Operationalized

- E. Part 1 AND Part 2 AND Part 3.

Note: By strict DSM criteria, those people who meet all criteria for mania but have a duration of 4 to 6 days without hospitalization are excluded from a diagnosis of hypomania. (See mania criterion A,D and hypomania criterion E). We have defined these people as meeting hypomania. This is implemented by suppressing Criterion E for those with a duration of 4 to 6 days and without hospitalization.

4 <= M3b <= 6 OR 4 <= M3d <= 6 OR 4 <= M6b <= 6 OR 4 <= M6d <= 6) AND M20 = 0 AND 4 <= M22 <= 6

Part 1. The mood disturbance is not severe enough to cause marked impairment in occupational functioning or in usual social activities or relationships with others.

NOT (M9 is (4,5) OR M9a is (1,2) OR (at least 1 of M27a-M27d is between 7 and 10) OR (5 <= M29 < 365) OR M33 is Yes(1))

Part 2. The mood disturbance is not severe enough to necessitate hospitalization to prevent harm to self.

M48 is No(5)

Part 3. There are no psychotic features

M7o is No(5)

- F. The symptoms are not due to the direct physiological effects of a substance(e.g., a drug of abuse, a medication, or other treatment) or a general medical condition (e.g. hyperthyroidism)

NOT(M10b is Yes(1)) AND M10a is(1,5,8,9).

Note: M10b is used as an initial screener only. All open ended items are reviewed by a clinician to determine organic exclusion.

World Mental Health CAPI Bipolar II Old

A. Presence (or history) of one or more Major Depressive Episodes

dsm_mde is Yes(1)

B. Presence (or history) of at least one Hypomanic Episode

dsm_hyp_old is Yes(1)

C. There has never been a Manic Episode or Mixed Episode

dsm_man_old is NOT Yes(1)

E. The symptoms cause clinically significant distress or impairment in social, occupational, or other important areas of functioning.

M9 is (3,4,5) OR M9a is (1,2,3) OR (at least 1 of M27a-M2d is between 4 and 10) OR (5 <= M29 <= 365) OR M33 is Yes(1)

DSM-IV Bipolar I

dsm_man_old is Yes (1) AND at least 6 symptoms in the M7 series(DSM_MAN_OLD Criteria B1-B7) AND at least two of the following symptoms: M7b, M7c, M7k, M7l, M7o is 1(yes)

DSM-IV Bipolar II

NOT Bipolar I AND

(Bipolar I Old is Yes (1) AND dsm_mde = 1 AND M1 = 1 AND M7i = 1)

Note: These are the people who meet criteria for our old bipolar I definition (mania) but no longer meet criteria with the new definition, and have a major depressive episode and euphoria and racing thoughts

OR

(Bipolar II Old is Yes(1) AND

(M3b >= 14 days OR M3d >= 14 days OR M6b >= 14 days OR M6d >= 14 days or M20>= 14 days OR M22 >=14 days) AND

at least 2 of the following symptoms (M7b,M7c,M7k,M7l,M7o))

Note: This is our old definition of bipolar II (in blue text) tightened up to include a duration of at least 14 days and at least 2 of the "super" symptoms in terms of concordance

DSM-IV Bipolar Subthreshold

Note: anyone left with old mania/hypomania who did not meet criteria for bipolar I and bipolar II above

Not Bipolar I or Bipolar II as defined above AND (dsm_man_old is Yes(1) OR dsm_hyp_old is Yes(1))

Mania(dsm_man)

Bipolar I is Yes(1)

Hypomania(dsm_hyp)

Bipolar II is Yes(1) OR (Bipolar Sub is Yes(1) AND dsm_man_old is Yes(1))

Sub-Hypomania(dsm_hypsub)

Bipolar Sub is Yes(1) AND (Bipolar II Old is Yes(1) OR dsm_hyp_old is Yes(1))

DSM-IV Dysthymia

- A. Depressed mood for most of the day for more days than not, as indicated either by subjective account or observation by others, for at least 2 years.

Criteria Not Operationalized

- B. Presence, while depressed, of two (or more) of the following:

1. poor appetite or overeating

D26a is Yes(1) OR D26b is Yes(1)

2. insomnia or hypersomnia

D26g is Yes(1) OR D26h is Yes(1) OR D26i is Yes(1)

3. low energy or fatigue

D26j is Yes(1)

4. low self esteem

D26u is Yes(1))

5. poor concentration or difficulty making decisions

D26p is Yes(1) OR D26r is Yes(1) OR D26s is Yes(1)

6. feelings of hopelessness

D24d is Yes(1)

- C. During the 2-year period of the disturbance, the person has never been without the symptoms in Criteria A and B for more than 2 months at a time.

D50 >=2 years OR D61 >= 2 years

- D. No Major Depressive Episode has been present during the first 2 years of the disturbance; i.e., the disturbance is not better accounted for by chronic Major Depressive Disorder, or Major Depressive Disorder, In Partial Remission.

MDE is No(5) OR

(MDE is Yes(1) AND (DYS onset < (MDE onset – 2 years))) OR

(MDE is Yes(1) AND (DYS onset > MDE recency)) OR

(MDE is Yes(1) AND (DYS persistence > MDE persistence))

- E. There has never been a Manic Episode, a Mixed Episode, or a Hypomaniac Episode, and criteria have never been met for Cyclothymic Disorder.

Note : Mixed Episode and Cyclothymic Disorder are not operationalized.

NOT (Mania OR Hypomania)

- F. The disturbance does not occur exclusively during the course of a chronic Psychotic Disorder, such as Schizophrenia or Delusional Disorder.

Not operationalized

- G. The symptoms are not due to the direct physiological effects of a substance (e.g., a drug of abuse, a medication) or a general medical condition (e.g., hypothyroidism)

D29a is NOT missing AND D29c is NOT(missing,1,7,8,9)

Note: D29b is used as an initial screener only. All open ended items are reviewed by a clinician to determine organic exclusion.

- H. Part 1 OR Part 2.

Part 1. The symptoms cause clinically significant distress.

D17 is (2,3,4) OR D18 is (1,2) OR D19 is (1,2,3)

Part 2. The symptoms cause clinically significant impairment in social, occupational, or other important areas of functioning.

D28 is (3,4,5) OR D28a is (1,2,3) OR
(At least 1 value of D66a-D66d is between 4 and 10) OR (5 ≤ D68 ≤ 365) OR D72 is Yes(1).

Revised Algorithm for Bipolar Spectrum

Note that this documentation covers Bipolar, Mania, and Hypomania disorders, and the development of the released variables for those disorder. "Old" variables referred to have not been released.

We re-calibrated bipolar disorder using our clinical data in the United States and significantly improved the concordance of the CIDI and the SCID (validity statistics are attached). To do this we worked with several experts in the bipolar field. They told us that the CIDI was over-estimating bipolar I disorder. Therefore we went back to the raw data and looked for patterns in the data to arrive at new, more restrictive definitions of bipolar I, II, and created a new variable called bipolar sub-threshold. We tested these new definitions by using the validity statistics to see how well these did in predicting the clinical diagnosis in the clinical sample. The best definition was as follows:

DSM-IV Manic Episode(Old Version)

A. Part 1 AND Part 2

Part 1. A distinct period of abnormally and persistently elevated, expansive, or irritable mood.

SC24 = Yes(1) OR SC25a = Yes(1)

Part 2. A distinct period of abnormally and persistently elevated, expansive, or irritable mood lasting at least 1 week(or any duration if hospitalization is necessary).

(M3b >= 1 week) OR (M3d >= 1 week) OR (M6b >= 1 week) OR (M6d >= 1 week) OR
(0 < M20 < 998)OR (M22 >= 1 week) OR M48 is Yes(1)

B. During the mood disturbance, three(or more) of the following symptoms have persisted(four if the mood is only irritable) and have been present to a significant degree:

Mood is only irritable: SC25a is Yes(1) and (SC24 is NOT Yes(1))

1. inflated self-esteem or grandiosity

M7n is Yes(1) OR M7o is Yes(1)

2. decreased need for sleep(e.g., feels rested after only 3 hours of sleep)

M7j is Yes(1)

3. more talkative than usual or pressure to keep talking

M7f is Yes(1)

4. flight of ideas or subjective experience that thoughts are racing

M7i is Yes(1)

5. distractibility (i.e., attention too easily drawn to unimportant or irrelevant external stimuli)

M7g is Yes(1) OR M7h is Yes(1)

6. increase in goal-oriented activity(either socially, at work or school, or sexually) or psychomotor agitation.

M7a is Yes(1) OR M7b is Yes(1) OR M7c is Yes(1) OR M7e is Yes(1)

7. excessive involvement in pleasurable activities that have a high potential for painful consequences(e.g., engaging in unrestrained buying sprees, sexual indiscretions, or foolish business investments)

M7k is Yes(1) OR M7l is Yes(1) OR M7m is Yes(1)

- C. The symptoms do not meet criteria for a Mixed Episode

Not Operationalized

- D. Part 1 OR Part 2 OR Part 3

Part 1. The mood disturbance is sufficiently severe to cause marked impairment in occupational functioning or in usual social activities or relationships with others.

M9 is (4,5) OR M9a is (1,2) OR (at least 1 of M27a-M2d is between 7 and 10) OR (5 <= M29 < 365) OR M33 is Yes(1)

Part 2. The mood disturbance is sufficiently severe to necessitate hospitalization to prevent harm to self.

M48 is Yes(1)

Part 3. There are psychotic features

M7o is Yes(1)

- E. The symptoms are not due to the direct physiological effects of a substance(e.g., a drug of abuse, a medication, or other treatment) or a general medical condition (e.g. hyperthyroidism)

NOT(M10b is Yes(1)) AND M10a is(1,5,8,9)

Note: M10b is used as an initial screener only. All open ended items are reviewed by a clinician to determine organic exclusion.

World Mental Health CAPI Bipolar I Old

DSM_MAN_OLD is Yes(1)

DSM-IV Hypomanic Episode(Old version)

A. Part 1 AND Part 2

Part 1. A distinct period of abnormally and persistently elevated, expansive, or irritable mood.

SC24 is Yes(1) OR SC25a is Yes(1)

Part 2. A distinct period of abnormally and persistently elevated, expansive, or irritable mood lasting at least 4 days, that is clearly different from the usual nondepressed mood.

SC24 is Yes(1) OR (M3b \geq 4 days) OR (M3d \geq 4 days) OR (M6b \geq 4 days)
OR (M6d \geq 4 days) OR
(0 < M20 < 998) OR (M22 \geq 4 days)

B. During the mood disturbance, three(or more) of the following symptoms have persisted(four if the mood is only irritable) and have been present to a significant degree:

Mood is only irritable: SC25a is Yes(1) and (SC24 is NOT Yes(1))

1. inflated self-esteem or grandiosity

M7n is Yes(1) OR M7o is Yes(1)

2. decreased need for sleep(e.g., feels rested after only 3 hours of sleep)

M7j is Yes(1)

3. more talkative than usual or pressure to keep talking

M7f is Yes(1)

4. flight of ideas or subjective experience that thoughts are racing

M7i is Yes(1)

5. distractibility (i.e., attention too easily drawn to unimportant or irrelevant external stimuli)

M7g is Yes(1) OR M7h is Yes(1)

6. increase in goal-oriented activity(either socially, at work or school, or sexually) or psychomotor agitation.

M7a is Yes(1) OR M7b is Yes(1) OR M7c is Yes(1) OR M7e is Yes(1)

7. excessive involvement in pleasurable activities that have a high potential for painful consequences(e.g., engaging in unrestrained buying sprees, sexual indiscretions, or foolish business investments)

M7k is Yes(1) OR M7l is Yes(1) OR M7m is Yes(1)

- C. The episode is associated with an unequivocal change in functioning that is uncharacteristic of the person when not symptomatic.

M9 is (3,4,5) OR M9a is (1,2,3) OR (at least 1 of M27a-M2d is between 4 and 10) OR (2 <= M29 <= 365) OR M33 is Yes(1).

- D. The disturbance in mood and the change in functioning are observable by others.

Not Operationalized

- E. Part 1 AND Part 2 AND Part 3.

Note: By strict DSM criteria, those people who meet all criteria for mania but have a duration of 4 to 6 days without hospitalization are excluded from a diagnosis of hypomania. (See mania criterion A,D and hypomania criterion E). We have defined these people as meeting hypomania. This is implemented by suppressing Criterion E for those with a duration of 4 to 6 days and without hospitalization.

4 <= M3b <= 6 OR 4 <= M3d <= 6 OR 4 <= M6b <= 6 OR 4 <= M6d <= 6) AND M20 = 0 AND 4 <= M22 <= 6

Part 1. The mood disturbance is not severe enough to cause marked impairment in occupational functioning or in usual social activities or relationships with others.

NOT (M9 is (4,5) OR M9a is (1,2) OR (at least 1 of M27a-M27d is between 7 and 10) OR (5 <= M29 < 365) OR M33 is Yes(1))

Part 2. The mood disturbance is not severe enough to necessitate hospitalization to prevent harm to self.

M48 is No(5)

Part 3. There are no psychotic features

M7o is No(5)

- F. The symptoms are not due to the direct physiological effects of a substance(e.g., a drug of abuse, a medication, or other treatment) or a general medical condition (e.g. hyperthyroidism)

NOT(M10b is Yes(1)) AND M10a is(1,5,8,9).

Note: M10b is used as an initial screener only. All open ended items are reviewed by a clinician to determine organic exclusion.

World Mental Health CAPI Bipolar II Old

A. Presence (or history) of one or more Major Depressive Episodes

dsm_mde is Yes(1)

B. Presence (or history) of at least one Hypomanic Episode

dsm_hyp_old is Yes(1)

C. There has never been a Manic Episode or Mixed Episode

dsm_man_old is NOT Yes(1)

E. The symptoms cause clinically significant distress or impairment in social, occupational, or other important areas of functioning.

M9 is (3,4,5) OR M9a is (1,2,3) OR (at least 1 of M27a-M2d is between 4 and 10) OR (5 <= M29 <= 365) OR M33 is Yes(1)

DSM-IV Bipolar I

dsm_man_old is Yes (1) AND at least 6 symptoms in the M7 series(DSM_MAN_OLD Criteria B1-B7) AND at least two of the following symptoms: M7b, M7c, M7k, M7l, M7o is 1(yes)

DSM-IV Bipolar II

NOT Bipolar I AND

(Bipolar I Old is Yes (1) AND dsm_mde = 1 AND M1 = 1 AND M7i = 1)

Note: These are the people who meet criteria for our old bipolar I definition (mania) but no longer meet criteria with the new definition, and have a major depressive episode and euphoria and racing thoughts

OR

(Bipolar II Old is Yes(1) AND

(M3b >= 14 days OR M3d >= 14 days OR M6b >= 14 days OR M6d >= 14 days or M20>= 14 days OR M22 >=14 days) AND

at least 2 of the following symptoms (M7b,M7c,M7k,M7l,M7o))

Note: This is our old definition of bipolar II (in blue text) tightened up to include a duration of at least 14 days and at least 2 of the "super" symptoms in terms of concordance

DSM-IV Bipolar Subthreshold

Note: anyone left with old mania/hypomania who did not meet criteria for bipolar I and bipolar II above

Not Bipolar I or Bipolar II as defined above AND (dsm_man_old is Yes(1) OR dsm_hyp_old is Yes(1))

Mania(dsm_man)

Bipolar I is Yes(1)

Hypomania(dsm_hyp)

Bipolar II is Yes(1) OR (Bipolar Sub is Yes(1) AND dsm_man_old is Yes(1))

Sub-Hypomania(dsm_hypsub)

Bipolar Sub is Yes(1) AND (Bipolar II Old is Yes(1) OR dsm_hyp_old is Yes(1))

DSM-IV Major Depressive Disorder with Hierarchy

Note: Frequency specification (single episode/recurrent) not operationalized.

A. Presence of a Major Depressive Episode.

Major Depressive Episode is Yes(1)

B. The Major Depressive Episode is not better accounted for by Schizoaffective Disorder and is not superimposed on Schizophrenia, Schizophrenia-form Disorder, Delusional Disorder, or Psychotic Disorder Not Otherwise specified.

Not Operationalized

C. There has never been a Manic Episode, a Mixed Episode, or a Hypomanic Episode. Note: This exclusion does not apply if all of the manic-like, mixed-like, or hypomanic-like episodes are substance or treatment induced or are due to the direct physiological effects of a general medical condition.

Note: Mixed Episode not operationalized.

NOT(Mania OR Hypomania)

Note: MDE is MDD without hierarchy

DSM-IV Major Depressive Episode

- A. Five (or more) of the following symptoms have been present during the same 2-week period and represent a change from previous functioning; at least one of the symptoms is either (1) depressed mood or (2) loss of interest or pleasure.

Note: DSM-IV states that children and adolescents may be "irritable rather than sad". This is not operationalized when examining adults who report symptoms from childhood.

Part 1 AND Part 2.

Part 1. Symptoms have been present during the same 2 week period and at least one of the symptoms is either (1) depressed mood or (2) loss of interest or pleasure.

(D22b \geq 2 weeks OR D22d \geq 2 weeks OR D39 \geq 2 weeks) AND
(D24a is Yes(1) OR D24b is Yes(1) OR D24c is Yes(1) OR D24d is Yes(1) OR D24e is Yes(1) OR D24f is Yes(1))

Part 2. At least five of the following symptoms must be present and represent a change from previous functioning:

Note: "change from previous functioning" is implicit in the item corresponding to each symptom (e.g. "more than usual", "less than usual").

1. depressed mood most of the day, nearly every day, as indicated by either subjective report (e.g., feels sad or empty) or observation made by others.

D24a is Yes(1) OR D24b is Yes(1) OR D24c is Yes(1) OR D24d is Yes(1)

2. markedly diminished interest or pleasure in all, or almost all, activities most of the day, nearly every day (as indicated by either subjective account or observation made by others)

D24e is Yes(1) OR D24f is Yes(1)

3. significant weight loss when not dieting or weight gain (e.g., a change of more than 5% of body weight in a month), or decrease or increase in appetite nearly every day.

D26a is Yes(1) OR (D26f \geq 10 lbs/5 kilos) OR D26b is Yes(1)
OR (D26d \geq 10 lbs/5 kilos)

4. insomnia or hypersomnia nearly every day.

D26g is Yes(1) OR D26h is Yes(1)

5. psychomotor agitation or retardation nearly every day(observable by others, not merely subjective feelings of restlessness or being slowed down).

D26m is Yes(1) OR D26o is Yes(1)

6. fatigue or loss of energy nearly every day.

D26j is Yes(1)

7. feelings of worthlessness or excessive or inappropriate guilt(which may be delusional) nearly every day(not merely self-reproach or guilt about being sick)

D26v is Yes(1)

8. diminished ability to think or concentrate, or indecisiveness, nearly every day(either by subjective account or as observed by others)

D26p is Yes(1) OR D26r is Yes(1) OR D26s is Yes(1)

9. recurrent thoughts of death (not just fear of dying), recurrent suicidal ideation without a specific plan, or a suicide attempt or a specific plan for committing suicide.

D26aa is Yes(1) OR D26bb is Yes(1) OR D26cc is Yes(1) OR D26dd is Yes(1) OR D26ee is Yes(1)

B. The symptoms do not meet criteria for a Mixed Episode

Not operationalized.

C. Part 1 OR Part 2.

Part 1. The symptoms cause clinically significant distress.

D17 is (2,3,4) OR D18 is (1,2) OR D19 is (1,2,3) OR D24b is Yes(1)

Part 2. The symptoms cause clinically significant impairment in social, occupational, or other important areas of functioning.

D28 is (3,4,5) OR D28a is (1,2,3) OR (At least 1 value of D66a-D66d is between 4 and 10)

D. The symptoms are not due to the direct physiological effects of a substance (e.g., a drug of abuse, a medication), or are not due to a general medical condition.

Note: D29b is used as an initial screener only. All open ended items are reviewed by a clinician to determine organic exclusion.

D29a is NOT missing and D29c1 is NOT(missing,1,7,8,9)

E. Part 1 OR Part 2 OR Part 3

Part 1. The symptoms are not better accounted for by Bereavement.

NOT(value of 3 in D23a)

Part 2. If the symptoms are associated with bereavement, they persist for longer than two months

(D22b > 2 months) OR (D22d > 2 months)

Part 3. If the symptoms are associated with bereavement, they are characterized by (a) marked functional impairment, (b) morbid preoccupation with worthlessness, (c) suicidal ideation, (d) psychotic symptoms, or (e) psychomotor retardation. At least one of a-e must be present.

a. D19 is (1) OR D28 is (4,5) OR D28a is (1,2) OR (At least 1 of D66a-D66d is between 7 and 10) OR
(10 <= D68 <= 365)

b. D26v is Yes(1)

c. D26cc is Yes(1) OR D26dd is Yes(1) OR D26ee is Yes(1)

d. Not operationalized

e. D26l is Yes(1) OR D26m is Yes(1)

Revised Algorithm for Bipolar Spectrum

Note that this documentation covers Bipolar, Mania, and Hypomania disorders, and the development of the released variables for those disorder. "Old" variables referred to have not been released.

We re-calibrated bipolar disorder using our clinical data in the United States and significantly improved the concordance of the CIDI and the SCID (validity statistics are attached). To do this we worked with several experts in the bipolar field. They told us that the CIDI was over-estimating bipolar I disorder. Therefore we went back to the raw data and looked for patterns in the data to arrive at new, more restrictive definitions of bipolar I, II, and created a new variable called bipolar sub-threshold. We tested these new definitions by using the validity statistics to see how well these did in predicting the clinical diagnosis in the clinical sample. The best definition was as follows:

DSM-IV Manic Episode(Old Version)

A. Part 1 AND Part 2

Part 1. A distinct period of abnormally and persistently elevated, expansive, or irritable mood.

SC24 = Yes(1) OR SC25a = Yes(1)

Part 2. A distinct period of abnormally and persistently elevated, expansive, or irritable mood lasting at least 1 week(or any duration if hospitalization is necessary).

(M3b >= 1 week) OR (M3d >= 1 week) OR (M6b >= 1 week) OR (M6d >= 1 week) OR
(0 < M20 < 998)OR (M22 >= 1 week) OR M48 is Yes(1)

B. During the mood disturbance, three(or more) of the following symptoms have persisted(four if the mood is only irritable) and have been present to a significant degree:

Mood is only irritable: SC25a is Yes(1) and (SC24 is NOT Yes(1))

1. inflated self-esteem or grandiosity

M7n is Yes(1) OR M7o is Yes(1)

2. decreased need for sleep(e.g., feels rested after only 3 hours of sleep)

M7j is Yes(1)

3. more talkative than usual or pressure to keep talking

M7f is Yes(1)

4. flight of ideas or subjective experience that thoughts are racing

M7i is Yes(1)

5. distractibility (i.e., attention too easily drawn to unimportant or irrelevant external stimuli)

M7g is Yes(1) OR M7h is Yes(1)

6. increase in goal-oriented activity(either socially, at work or school, or sexually) or psychomotor agitation.

M7a is Yes(1) OR M7b is Yes(1) OR M7c is Yes(1) OR M7e is Yes(1)

7. excessive involvement in pleasurable activities that have a high potential for painful consequences(e.g., engaging in unrestrained buying sprees, sexual indiscretions, or foolish business investments)

M7k is Yes(1) OR M7l is Yes(1) OR M7m is Yes(1)

- C. The symptoms do not meet criteria for a Mixed Episode

Not Operationalized

- D. Part 1 OR Part 2 OR Part 3

Part 1. The mood disturbance is sufficiently severe to cause marked impairment in occupational functioning or in usual social activities or relationships with others.

M9 is (4,5) OR M9a is (1,2) OR (at least 1 of M27a-M2d is between 7 and 10) OR (5 <= M29 < 365) OR M33 is Yes(1)

Part 2. The mood disturbance is sufficiently severe to necessitate hospitalization to prevent harm to self.

M48 is Yes(1)

Part 3. There are psychotic features

M7o is Yes(1)

- E. The symptoms are not due to the direct physiological effects of a substance(e.g., a drug of abuse, a medication, or other treatment) or a general medical condition (e.g. hyperthyroidism)

NOT(M10b is Yes(1)) AND M10a is(1,5,8,9)

Note: M10b is used as an initial screener only. All open ended items are reviewed by a clinician to determine organic exclusion.

World Mental Health CAPI Bipolar I Old

DSM_MAN_OLD is Yes(1)

DSM-IV Hypomanic Episode(Old version)

A. Part 1 AND Part 2

Part 1. A distinct period of abnormally and persistently elevated, expansive, or irritable mood.

SC24 is Yes(1) OR SC25a is Yes(1)

Part 2. A distinct period of abnormally and persistently elevated, expansive, or irritable mood lasting at least 4 days, that is clearly different from the usual nondepressed mood.

SC24 is Yes(1) OR (M3b \geq 4 days) OR (M3d \geq 4 days) OR (M6b \geq 4 days)
OR (M6d \geq 4 days) OR
(0 < M20 < 998) OR (M22 \geq 4 days)

B. During the mood disturbance, three(or more) of the following symptoms have persisted(four if the mood is only irritable) and have been present to a significant degree:

Mood is only irritable: SC25a is Yes(1) and (SC24 is NOT Yes(1))

1. inflated self-esteem or grandiosity

M7n is Yes(1) OR M7o is Yes(1)

2. decreased need for sleep(e.g., feels rested after only 3 hours of sleep)

M7j is Yes(1)

3. more talkative than usual or pressure to keep talking

M7f is Yes(1)

4. flight of ideas or subjective experience that thoughts are racing

M7i is Yes(1)

5. distractibility (i.e., attention too easily drawn to unimportant or irrelevant external stimuli)

M7g is Yes(1) OR M7h is Yes(1)

6. increase in goal-oriented activity(either socially, at work or school, or sexually) or psychomotor agitation.

M7a is Yes(1) OR M7b is Yes(1) OR M7c is Yes(1) OR M7e is Yes(1)

7. excessive involvement in pleasurable activities that have a high potential for painful consequences(e.g., engaging in unrestrained buying sprees, sexual indiscretions, or foolish business investments)

M7k is Yes(1) OR M7l is Yes(1) OR M7m is Yes(1)

- C. The episode is associated with an unequivocal change in functioning that is uncharacteristic of the person when not symptomatic.

M9 is (3,4,5) OR M9a is (1,2,3) OR (at least 1 of M27a-M2d is between 4 and 10) OR (2 <= M29 <= 365) OR M33 is Yes(1).

- D. The disturbance in mood and the change in functioning are observable by others.

Not Operationalized

- E. Part 1 AND Part 2 AND Part 3.

Note: By strict DSM criteria, those people who meet all criteria for mania but have a duration of 4 to 6 days without hospitalization are excluded from a diagnosis of hypomania. (See mania criterion A,D and hypomania criterion E). We have defined these people as meeting hypomania. This is implemented by suppressing Criterion E for those with a duration of 4 to 6 days and without hospitalization.

4 <= M3b <= 6 OR 4 <= M3d <= 6 OR 4 <= M6b <= 6 OR 4 <= M6d <= 6) AND M20 = 0 AND 4 <= M22 <= 6

Part 1. The mood disturbance is not severe enough to cause marked impairment in occupational functioning or in usual social activities or relationships with others.

NOT (M9 is (4,5) OR M9a is (1,2) OR (at least 1 of M27a-M27d is between 7 and 10) OR (5 <= M29 < 365) OR M33 is Yes(1))

Part 2. The mood disturbance is not severe enough to necessitate hospitalization to prevent harm to self.

M48 is No(5)

Part 3. There are no psychotic features

M7o is No(5)

- F. The symptoms are not due to the direct physiological effects of a substance(e.g., a drug of abuse, a medication, or other treatment) or a general medical condition (e.g. hyperthyroidism)

NOT(M10b is Yes(1)) AND M10a is(1,5,8,9).

Note: M10b is used as an initial screener only. All open ended items are reviewed by a clinician to determine organic exclusion.

World Mental Health CAPI Bipolar II Old

A. Presence (or history) of one or more Major Depressive Episodes

dsm_mde is Yes(1)

B. Presence (or history) of at least one Hypomanic Episode

dsm_hyp_old is Yes(1)

C. There has never been a Manic Episode or Mixed Episode

dsm_man_old is NOT Yes(1)

E. The symptoms cause clinically significant distress or impairment in social, occupational, or other important areas of functioning.

M9 is (3,4,5) OR M9a is (1,2,3) OR (at least 1 of M27a-M2d is between 4 and 10) OR (5 <= M29 <= 365) OR M33 is Yes(1)

DSM-IV Bipolar I

dsm_man_old is Yes (1) AND at least 6 symptoms in the M7 series(DSM_MAN_OLD Criteria B1-B7) AND at least two of the following symptoms: M7b, M7c, M7k, M7l, M7o is 1(yes)

DSM-IV Bipolar II

NOT Bipolar I AND

(Bipolar I Old is Yes (1) AND dsm_mde = 1 AND M1 = 1 AND M7i = 1)

Note: These are the people who meet criteria for our old bipolar I definition (mania) but no longer meet criteria with the new definition, and have a major depressive episode and euphoria and racing thoughts

OR

(Bipolar II Old is Yes(1) AND

(M3b >= 14 days OR M3d >= 14 days OR M6b >= 14 days OR M6d >= 14 days or M20>= 14 days OR M22 >=14 days) AND

at least 2 of the following symptoms (M7b,M7c,M7k,M7l,M7o))

Note: This is our old definition of bipolar II (in blue text) tightened up to include a duration of at least 14 days and at least 2 of the "super" symptoms in terms of concordance

DSM-IV Bipolar Subthreshold

Note: anyone left with old mania/hypomania who did not meet criteria for bipolar I and bipolar II above

Not Bipolar I or Bipolar II as defined above AND (dsm_man_old is Yes(1) OR dsm_hyp_old is Yes(1))

Mania(dsm_man)

Bipolar I is Yes(1)

Hypomania(dsm_hyp)

Bipolar II is Yes(1) OR (Bipolar Sub is Yes(1) AND dsm_man_old is Yes(1))

Sub-Hypomania(dsm_hypsub)

Bipolar Sub is Yes(1) AND (Bipolar II Old is Yes(1) OR dsm_hyp_old is Yes(1))

DSM-IV Anxiety Disorders

DSM-IV Adult Separation Anxiety Disorder

A. Developmentally inappropriate and excessive anxiety concerning separation from home or from those to whom the individual is attached, as evidenced by three (or more) of the following:

1. recurrent excessive distress when separation from home or major attachment figures occurs or is anticipated.

SA11a is Yes(1)

2. persistent and excessive worry about losing, or about possible harm befalling, major attachment figures.

SA11c is Yes(1)

3. persistent and excessive worry that an untoward event will lead to separation from a major attachment figure(e.g.; getting lost or being kidnapped).

SA11e is Yes(1) OR SA11f is Yes(1)

4. persistent reluctance or refusal to go to school or elsewhere because fear of separation.

SA11g is Yes(1) OR SA11h is Yes(1)

5. persistent and excessively fearful or reluctant to be alone or without major attachment figures at home or without significant adults in other settings.

SA11i is Yes(1)

6. persistent reluctance or refusal to go to sleep without being near a major attachment figure or to sleep away from home.

SA11l is Yes(1) OR SA11m is Yes(1)

7. repeated nightmares involving the theme of separation.

SA11n is Yes(1)

8. repeated complaints of physical symptoms (such as headaches, stomach aches, nausea, or vomiting) when separation from major attachment figures occurs or is anticipated.

SA11k is Yes(1)

B. The duration of the disturbance is at least 4 weeks.

1 <= SA21 < 998

C. The onset is before age 18 years.

Not operationalized

D. Part 1 OR Part 2

Part 1. The disturbance causes clinically significant distress.

SA15 is (2,3,4) OR SA16 is (1,2)

Part 2. The disturbance causes clinically significant impairment in social, academic (occupational), or other important areas of functioning.

SA17 is (3,4,5) OR SA18 is (1,2,3) OR (At least 1 response between 4 and 10 for SA25a-SA25d) OR (5 <= SA27 <= 365) OR SA43 is Yes(1).

E. The disturbance does not occur exclusively during the course of a Pervasive Developmental Disorder, Schizophrenia, or other Psychotic Disorder and, in adolescents and adults, is not better accounted for by Panic Disorder with Agoraphobia.

Not operationalized

DSM-IV Agoraphobia

- A. Anxiety about being in places or situations from which escape might be difficult(or embarrassing) or in which help may not be available in the event of having an unexpected or situationally predisposed Panic Attack or panic-like symptoms. Agoraphobic fears typically involve characteristic clusters of situations that include being outside the home alone; being in a crowd or standing in a line; being on a bridge; and traveling in a bus, train, or automobile.

At least 2 Yes(1) in AG1,AG1b-AG1k AND AG4d is Yes(1) AND AG4g is Yes(1)

- B. Part 1 OR Part 2 OR Part 3

Part 1. The situations are avoided(e.g., travel is restricted).

SC30_2 is Yes(1) OR AG13 is Yes(1)

Part 2. The situations are endured with marked distress or with anxiety about having a Panic Attack or panic-like symptoms.

SC30_1 is Yes(1) OR (At least 1 Yes(1) in AG9a-AG9d) OR AG11 is Yes(1)
OR (At least 1 Yes(1) in AG11a-k)

Part 3. The situations require the presence of a companion.

AG14 is Yes(1)

- C. The anxiety or phobic avoidance is not better accounted for by another mental disorder, such as Social Phobia e.g., avoidance limited to social situations because of fear of embarrassment), Specific Phobia(e.g., avoidance limited to a single situation like elevators), Obsessive Compulsive Disorder(e.g., avoidance of dirt in someone with an obsession about contamination), Posttraumatic Stress Disorder(e.g., avoidance of stimuli associated with a severe stressor), or Separation Anxiety Disorder(e.g., avoidance of leaving home or relatives).

NOT(AG4a is Yes(1) AND Separation Anxiety Disorder AND
Separation Anxiety Disorder Onset <= Agoraphobia Onset AND
Separation Anxiety Disorder Recency >= Agoraphobia Recency)

DSM-IV Agoraphobia without Panic Disorder

A. Part 1 AND Part 2.

Part 1. The presence of Agoraphobia

Agoraphobia is Yes.

Part 2. The fear of developing panic-like symptoms (e.g. dizziness or diarrhea)

AG4c is Yes(1) OR AG4d is Yes(1) OR AG4e is Yes(1) OR AG4f is Yes(1)

B. Criteria have never been met for Panic Disorder

Panic Disorder is NOT Yes(1)

C. The disturbance is not due to the direct physiological effects of a substance (e.g., a drug of abuse, a medication) or a general medical condition.

AG12a is NOT missing AND AG12b is NOT Yes(1)

D. If an associated general medical condition is present, the fear described in Criterion A is clearly in excess of that usually associated with the condition.

Not Operationalized

DSM-IV General Anxiety Disorder

A. Part 1 AND Part 2 AND Part 3

Part 1. Excessive anxiety and worry(apprehensive expectation)

SC26 is Yes(1) OR SC26a is Yes(1) OR SC26b is Yes(1)

Part 2. Anxiety occurring more days than not for at least 6 months

(G5 is at least 6 months) OR (G30 is at least 6 months) OR (G31 is at least 6 months).

Part 3. Anxiety about a number of events or activities(such as work or school performance).

G2 is 2.

B. The person finds it difficult to control the worry.

G4 is (1,2).

C. The anxiety and worry are associated with three (or more) of the following six symptoms(with at least some symptoms present for more days than not for the past 6 months) (1. restlessness or feeling keyed up or edge, 2. being easily fatigued, 3. difficulty concentrating or mind going blank, 4. irritability, 5. muscle tension, 6. sleep disturbance.)

Note: "at least some symptoms present for more days than not" is not operationalized

At least 3 of G9a-G9f are Yes(1).

D. The focus of the anxiety and worry is not confined to features of an Axis 1 disorder.

At least 1 value of 1-10, 13, 20-32 in G1.

Note: DSM IV states "the anxiety and worry should not occur exclusively during PTSD". This part of criteria D is not operationalized.

E. Part 1 OR Part 2

Part 1. The anxiety, worry, or physical symptoms cause clinically significant distress.

G4a is(1,2) OR G15 is (3,4,5) .

Part 2. The anxiety, worry, or physical symptoms cause clinically significant impairment in social, occupational, or other important areas of functioning.

(G17 is (3,4,5)) OR (G17a is (1,2,3)) OR (At least 1 response between 4 and 10 for G38a-G38d) OR
(5 <= G40 <= 365) OR G44 is Yes(1).

F. Part 1 AND Part 2

Part 1. The disturbance is not due to the direct physiological effects of a substance(e.g. a drug of abuse, a medication) or due to a general medical condition(e.g., hyperthyroidism).

NOT(G18b is Yes(1)) AND G18a IN(1,5,8,9)

Note: G18b is used as an initial screener only. All open ended items are reviewed by a clinician to determine organic exclusion.

Part 2. The disturbance does not occur exclusively during a Mood Disorder, a Psychotic Disorder, or a Pervasive Developmental Disorder.

Note: Psychotic Disorder and Pervasive Developmental Disorder hierarchies are not operationalized.

(Major Depression = No(5) AND Minor Depression = No(5) AND
Dysthymia = No(5) AND Mania = No(5))
OR

((Major Depression = Yes(1) OR Minor Depression = Yes(1) OR
Dysthymia = Yes(1) OR Mania = Yes(1)) AND
((GAD onset < Mood onset) OR
(GAD recency > Mood recency) OR
(GAD persistence > Mood persistence))) OR
G10e = No(5)

DSM-IV Panic Attack

A. A discrete period of intense fear or discomfort.

SC20 is Yes(1) OR SC20a is Yes(1)

B. Four or more of the following symptoms occur:

1. palpitations, pounding heart, or accelerated heart rate.

PD1a is Yes(1)

2. sweating.

PD1e is Yes(1)

3. trembling or shaking.

PD1f is Yes(1)

4. sensation of shortness of breath or smothering.

PD1b is Yes(1)

5. feeling of choking.

PD1h is Yes(1)

6. chest pain or discomfort.

PD1i is Yes(1)

7. nausea or abdominal distress.

PD1c is Yes(1)

8. feeling dizzy, unsteady, lightheaded, or faint.

PD1d is Yes(1) OR PD1m is Yes(1)

9. derealization (feelings of unreality) or depersonalization (being detached from oneself).

PD1k is Yes(1) OR PD1l is Yes(1)

10. fear of losing control or going crazy.

PD1j is Yes(1)

11. fear of dying.

PD1n is Yes(1)

12. paresthesias(numbing or tingling sensations).

PD1p is Yes(1)

13. chills or hot flushes.

PD1o is Yes(1)

Note: 3 Symptoms and PD1g is Yes(1) added to meet Criteria after SCID comparison

C. The symptoms developed abruptly and reached a peak within 10 minutes.

PD3 is (1,3)

DSM-IV Panic Disorder

A. Part 1 AND Part 2.

Part 1. Recurrent unexpected Panic Attacks.

(Panic Attack is Yes(1)) AND (1 < PD4 < 998) AND (3 < PD17a < 998)

Part 2. At least one of the attacks has been followed by 1 month (or more) of one (or more) of the following:

1. persistent concern about having additional attacks.

PD13a is Yes(1)

2. worry about the implications of the attack or its consequences(e.g., losing control, having a heart attack, "going crazy")

PD13b is Yes(1)

3. a significant change in behavior related to the attacks.

PD13c is Yes(1) OR PD13d is Yes(1) OR PD42 is (1,2)

B. The presence of or the absence of Agoraphobia

Not Operationalized

- C. The Panic Attacks are not due to the direct physiological effects of a substance(e.g., a drug of abuse, a medication) or a general medical condition(e.g., hyperthyroidism).

NOT(PD25b is Yes(1)) AND PD25a is(1,5,8,9)

Note: PD25b is used as an initial screener only. All open ended items are reviewed by a clinician to determine organic exclusion.

- D. The Panic Attacks are not better accounted for by another mental disorder, such as Social Phobia (e.g., occurring on exposure to feared social situations), Specific Phobia (e.g., on exposure to a specific phobic situation), Obsessive Compulsive Disorder (e.g., on exposure to dirt in someone with an obsession about contamination), Posttraumatic Stress Disorder(e.g., in response to stimuli associated with a severe stressor), or Separation Anxiety Disorder (e.g., in response to being away from home or close relatives).

Note: This criterion is operationalized by focusing in criterion A on "out of the blue" attacks. By excluding all panic attacks triggered by fear or real danger we have thereby excluded all attacks associated with Social Phobia, Specific Phobia, Obsessive Compulsive Disorder, Posttraumatic Stress Disorder, Separation Anxiety Disorder.

DSM-IV Posttraumatic Stress Disorder

- A. Worst Event: (Part 1 AND Part 2 Worst Event)
Random Event: (Part 1 AND Part 2 Random Event)

Part 1. The person has been exposed to a traumatic event in which the person experienced, witnessed, or was confronted with an event or events that involved actual or threatened death or serious injury, or a threat to the physical integrity of self or others.

Combat Experience/Relief Worker in War Zone/Civilian in War Zone/Civilian in region of Terror/Refugee:

PT29 is Yes(1) OR PT30 is Yes(1) OR PT31 is Yes(1) OR PT32 is Yes(1)
OR PT33 is Yes(1)

Kidnapped:

PT34 is Yes(1)

Toxic Exposure:

PT35 is Yes(1)

Automobile Accident:

PT36 is Yes(1)

Other Life Threatening Accident:

PT37 is Yes(1)

Natural Disaster:

PT38 is Yes(1)

Man-made Disaster:

PT39 is Yes(1)

Life Threatening Illness:

PT40 is Yes(1)

Beaten up as Child by Caregiver:

PT41 is Yes(1)

Beaten by Spouse or Romantic Partner:

PT42 is Yes(1)

Beaten by Other:

PT43 is Yes(1)

Raped:

PT45 is Yes(1)

Sexually Assaulted:

PT46 is Yes(1)

Mugged or Threatened with a Weapon:

PT44 is Yes(1)

Stalked:

PT47 is Yes(1)

Unexpected Death of a Loved One:

PT48 is Yes(1)

Child with Serious Illness:

PT49 is Yes(1)

Traumatic Event to Loved One:

PT50 is Yes(1) OR PT50_1 is Yes(1)

Witnessed Death or Dead Body, or Saw Someone Seriously Hurt:

PT51 is Yes(1)

Accidentally Caused Serious Injury or Death

PT52 is Yes(1)

Purposely Injured, Tortured, or Killed Someone.

PT53 is Yes(1)

Saw Atrocities:

PT54 is Yes(1)

Some Other Event:

PT55 is Yes(1)

Private Event:

PT57 is Yes(1)

Part 2. The person has been exposed to a traumatic event in which the person's response involved intense fear, helplessness, or horror.

Worst Event: PT67 is Yes(1) OR PT67a is Yes(1) OR PT67b is Yes(1) OR PT67c is Yes(1)

Random Event: PT207 is Yes(1) OR PT207a is Yes(1) OR PT207b is Yes(1) OR PT207c is Yes(1)

- B. Worst Event: (Part 1 Worst Event AND Part 2 Worst Event)
Random Event: (Part 1 Random Event AND Part 2 Random Event)

Part 1. The traumatic event is experienced in one (or more) of the following ways:

1. recurrent and intrusive distressing recollections of the event, including images, thoughts, or perceptions.

Worst Event: PT86 is Yes(1)
Random Event: PT222 is Yes(1)

2. recurrent distressing dreams of the event.

Worst Event: PT87 is Yes(1)
Random Event: PT223 is Yes(1)

3. acting or feeling as if the traumatic event were recurring (includes a sense of reliving the experience, illusions, hallucinations, and dissociative flashback episodes, including those that occur on awakening or when intoxicated).

Worst Event: PT88 is Yes(1)
Random Event: PT224 is Yes(1)

4. intense psychological distress at exposure to internal or external cues that symbolize or resemble an aspect of the traumatic event.

Worst Event: PT89 is Yes(1)
Random Event: PT225 is Yes(1)

5. physiological reactivity on exposure to internal or external cues that symbolize or resemble an aspect of the traumatic event.

Worst Event: PT90 is Yes(1)

Random Event: PT226 is Yes(1)

Part 2. The traumatic event is persistently reexperienced.

Worst Event: PT113 is (2,3,4,5)

Random Event: PT230 is (2,3,4,5)

C. Worst Event: (Part 1 Worst Event AND Part 2 Worst Event).

Random Event: (Part 1 Random Event AND Part 2 Random Event).

Part 1. Avoidance of stimuli associated with the trauma and numbing of general responsiveness (not present before the trauma), as indicated by three(or more) of the following:

1. efforts to avoid thoughts, feelings, or conversations associated with the trauma

Worst Event: PT68 is Yes(1)

Random Event: PT208 is Yes(1)

2. efforts to avoid activities, places, or people that arouse recollections of the trauma

Worst Event: PT69 is Yes(1)

Random Event: PT209 is Yes(1)

3. inability to recall an important aspect of the trauma

Worst Event: PT70 is Yes(1)

Random Event: PT210 is Yes(1)

4. markedly diminished interest or participation in significant activities

Worst Event: PT71 is Yes(1)

Random Event: PT211 is Yes(1)

5. feeling of detachment or estrangement from others

Worst Event: PT72 is Yes(1)

Random Event: PT212 is Yes(1)

6. restricted range of affect (e.g., unable to have loving feelings)

Worst Event: PT73 is Yes(1)

Random Event: PT213 is Yes(1)

7. sense of a foreshortened future(e.g., does not expect to have a career, marriage, children, or a normal life span)

Worst Event: PT74 is Yes(1)

Random Event: PT214 is Yes(1)

Part 2. Persistence avoidance of stimuli associated with the trauma and numbing of general responsiveness (not present before the trauma).

Worst Event: PT113 is (2,3,4,5)

Random Event: PT219 is (2,3,4,5)

D. Worst Event(Part 1 Worst Event AND Part 2 Worst Event).

Random Event(Part 1 Random Event AND Part 2 Random Event).

Part 1. Symptoms of increased arousal (not present before the trauma), as indicated by two (or more) of the following:

1. difficulty falling or staying asleep.

Worst Event: PT102 is Yes(1)

Random Event: PT233 is Yes(1)

2. irritability or outbursts of anger.

Worst Event: PT103 is Yes(1)

Random Event: PT234 is Yes(1)

3. difficulty concentrating.

Worst Event: PT104 is Yes(1)

Random Event: PT235 is Yes(1)

4. hypervigilance.

Worst Event: PT105 is Yes(1)

Random Event: PT236 is Yes(1)

5. exaggerated startle response.

Worst Event: PT106 is Yes(1)

Random Event: PT237 is Yes(1)

Part 2. Persistent symptoms of increased arousal (not present before the trauma).

Worst Event: PT113 is (2,3,4,5)

Random Event: PT241 is (2,3,4,5)

- E. Duration of the disturbance (symptoms in Criteria B, C, and D) is more than 1 month.

Worst Event: PT110 > 1 month

Random Event: (PT218 > 1 month) AND (PT229 > 1 month) AND (PT240 > 1 month)

- F. The disturbance causes clinically significant distress or impairment in social, occupational, or other important areas of functioning.

Worst Event Group: PT114 is (3,4,5) OR PT115 is (3,4,5) OR
(Worst Event(PT64) = PT268 AND at least 1 of PT278a-d >= 4)

Random Event Group 1: PT220 is (3,4,5) OR PT221 is (3,4,5)

Random Event Group 2: PT231 is (3,4,5) OR PT232 is (3,4,5)

Random Event Group 3: PT242 is (3,4,5) OR PT243 is (3,4,5)

Random Event: Random Event Group 1 OR Random Event Group 2 OR

Random Event Group 3 OR PT246 is Yes(1) OR

(Random Event(PT58b) = PT268 AND at least 1 of PT278a-d >= 4)

Worst Event PTSD: Criteria A Worst Event AND Criteria B Worst Event AND
Criteria C Worst Event AND Criteria D Worst Event AND Criteria E Worst
Event AND Criteria F Worst Event.

Random Event PTSD: Criteria A Random Event AND Criteria B Worst Event
AND Criteria C Worst Event AND Criteria D Worst Event AND Criteria E
Worst Event AND Criteria F Worst Event.

PTSD: Worst Event PTSD OR Random Event PTSD.

DSM-IV Social Phobia

A. Part 1 AND Part 2

Part 1. A marked and persistent fear of one or more social or performance situations in which the person is exposed to unfamiliar people or to possible scrutiny by others:

At least 1 Yes(1) in SO1a – SO1n

Part 2. The individual fears that he or she will act in a way (or show anxiety symptoms) that will be humiliating or embarrassing

At least 1 Yes(1) in SO12, SO12a, SO13, SO14

B. Exposure to the feared social situation almost invariably provokes anxiety, which may take the form of a situationally bound or situationally predisposed Panic Attack.

Note: Panic Symptoms from the SO9 series are not included since they are assessed with a frequency of “ever” and the criterion requires a frequency of “almost invariably”

SC29_1 is Yes(1)

C. The person recognizes that this fear is excessive or unreasonable.

SC29_3 is Yes(1)

D. Part 1 OR Part 2

Part 1. The feared social or performance situations are avoided.

SC29_2 is Yes(1) OR SO20 is (1,2,3)

Part 2. The feared social or performance situations are endured with intense anxiety or distress

SC29_1 is Yes(1) OR (at least 2 Yes(1) in SO9a-SO9o) OR SO9 is Yes(1) OR SO19 in (4,5) OR SO10 is Yes(1)

E. Part 1 OR Part 2

Part 1. The avoidance, anxious anticipation, or distress in the feared social or performance situation(s) interferes significantly with the person’s normal routine, occupational (academic) functioning, or social activities or relationships.

SO16 is (3,4,5) OR (at least 1 response between 5 and 10 for SO21a-SO21d) OR (5 <= SO23 <=365) OR
SO25 is Yes(1).

Part 2. There is marked distress about having the phobia.

Not Operationalized

F. In individuals under age 18 years, the duration is at least 6 months (Part 1 OR Part 2).

Note: This was operationalized in 2 parts. (1) Respondents whose recency age is >= 18 automatically meet criterion F. (2) For all others, the symptoms must persist at least 6 months.

Part 1. Recency age is at least 18 years.

(18 <= SO18a < 998) OR (SO18 is (1,2,3) and AGE >= 18)

Part 2. The duration is greater than 1 year.

Note: We have many different dates (onset, recency, service utilization) relating to this diagnosis. Any two dates having a difference >= 1 year is taken as evidence that the diagnosis persisted more than 6 months. This is operationalized as follows:

MAX(SO3a SO3b SO6a SO18a SO25a SO36a SO39a) –
MIN(SO3a SO3b SO6a SO18a SO25a SO36a SO39a) >= 1

G. Part 1 OR Part 2

Part 1. The fear or avoidance is not due to the direct physiological effects of a substance (e.g.; a drug of abuse, or medication) or a general medical condition

Not operationalized

Part 2. The fear or avoidance is not better accounted for by another mental disorder (e.g., Panic Disorder with or without Agoraphobia, Separation Anxiety Disorder, Body Dysmorphic Disorder, a Pervasive Developmental Disorder, or Schizoid Personality Disorder).

Will be used later

- H. If a general medical condition or another mental disorder is present the fear in Criterion A is unrelated to it, e.g., the fear is not of Stuttering, trembling in Parkinson's disease, or exhibiting abnormal eating behavior in Anorexia Nervosa or Bulimia Nervosa. (Don't use in diagnosis for now)

SO15 is NO(5)

Not Operationalized

DSM-IV Specific Phobia

- A. Marked and persistent fear that is excessive or unreasonable, cued by the presence or anticipation of a specific object or situation(e.g., flying, heights, animals, receiving an injection, see blood).

Group 1: SC27a is Yes(1)
Group 2: SC27b is Yes(1)
Group 3: SC27c is Yes(1)
Group 4: SC27d is Yes(1)
Group 5: SC27e is Yes(1)
Group 6: SC27f is Yes(1)

- B. Exposure to the feared social situation almost invariably provokes anxiety, which may take the form of a situationally bound or situationally predisposed Panic Attack.

Note: Panic Symptoms from the SP18 series are not included since they are assessed with a frequency of "ever" and the criterion requires a frequency of "almost invariably"

For given group, (a Yes(1) response from SP3a, SP5a, SP7a,SP7f = (1 = all of the time,2=most of the time), SP9a, SP11a, SP13a)
OR (only 1 Yes response in SC27a-f AND SC27_2 = 1).

Group 1: SP3a is Yes(1) OR (only 1 Yes response in SC27a-f AND SC27a is Yes(1) AND SC27_2 = 1).

Group 2: SP5a is Yes(1) OR (only 1 Yes response in SC27a-f AND SC27b is Yes(1) AND SC27_2 = 1).

Group 3: SP7a is Yes(1) OR SP7f is(1,2) OR (only 1 Yes response in SC27a-f AND SC27c is Yes(1) AND SC27_2 = 1).

Group 4: SP9a is Yes(1) OR (only 1 Yes response in SC27a-f AND SC27d is Yes(1) AND SC27_2 = 1).

Group 5: SP11a is Yes(1) OR (only 1 Yes response in SC27a-f AND SC27e is Yes(1) AND SC27_2 = 1).

Group 6: SP11a is Yes(1) OR (only 1 Yes response in SC27a-f AND SC27f is Yes(1) AND SC27_2 = 1).

- C. The person recognizes that this fear is excessive or unreasonable.

SC27_4 is Yes(1)

- D. Part 1 OR Part 2.

Part 1. The phobic situation(s) is avoided .

(For given group a Yes response from either SP3b, SP5b, SP7b, SP9b, SP11b SP13b which matches group type for specific phobia) OR (SP22 is (1,2,3)) OR (only 1 Yes response in SC27a-f AND SC27_3 = 1).

- Group 1: SP3b is Yes(1) OR (SP22 is (1,2,3)) OR (only 1 Yes response in SC27a-f AND SC27a is Yes(1) AND SC27_3 = 1).
- Group 2: SP5b is Yes(1) OR (SP22 is (1,2,3)) OR (only 1 Yes response in SC27a-f AND SC27b is Yes(1) AND SC27_3 = 1).
- Group 3: SP7b is Yes(1) OR (SP22 is (1,2,3)) OR (only 1 Yes response in SC27a-f AND SC27c is Yes(1) AND SC27_3 = 1).
- Group 4: SP9b is Yes(1) OR (SP22 is (1,2,3)) OR (only 1 Yes response in SC27a-f AND SC27d is Yes(1) AND SC27_3 = 1).
- Group 5: SP11b is Yes(1) OR (SP22 is (1,2,3)) OR (only 1 Yes response in SC27a-f AND SC27e is Yes(1) AND SC27_3 = 1).
- Group 6: SP13b is Yes(1) OR (SP22 is (1,2,3)) OR (only 1 Yes response in SC27a-f AND SC27f is Yes(1) AND SC27_3 = 1).

Part 2. The phobic situation(s) is endured with intense anxiety or distress.

(For given group a Yes(1) response from either SP3a, SP5a, SP7a, SP7f(1 = all the time, 2 = most of the time), SP9a, SP9g, SP11a, SP11h, SP13a, SP13h which matches group type for specific phobia) OR
(only 1 Yes response in SC27a-f AND SC27_2 = 1) OR
(2 Yes responses from SP18a-SP18o) OR SP18 is Yes OR SP21 is (4,5)

- Group 1: SP3a is Yes(1) OR (only 1 Yes response in SC27a-f AND SC27a is Yes(1) AND SC27_2 = 1) OR (2 Yes responses from SP18a-SP18o) OR SP18 is Yes(1) OR SP21 is (4,5)
- Group 2: SP5a is Yes(1) OR (only 1 Yes response in SC27a-f AND SC27b is Yes(1) AND SC27_2 = 1) OR (2 Yes responses from SP18a-SP18o) OR SP18 is Yes(1) OR SP21 is (4,5)
- Group 3: SP7a is Yes(1) OR SP7f is (1,2) OR (only 1 Yes response in SC27a-f AND SC27c is Yes(1) AND SC27_2 = 1) OR (2 Yes responses from SP18a-SP18o) OR SP18 is Yes(1) OR SP21 is (4,5)
- Group 4: SP9a is Yes(1) OR SP9g is Yes(1) OR (only 1 Yes response in SC27a-f AND SC27d is Yes(1) AND SC27_2 = 1) OR (2 Yes responses from SP18a-SP18o) OR SP18 is Yes(1) OR SP21 is (4,5)
- Group 5: SP11a is Yes(1) OR SP11h is Yes(1) OR (only 1 Yes response in SC27a-f AND SC27e is Yes(1) AND SC27_2 = 1) OR (2 Yes responses from SP18a-SP18o) OR SP18 is Yes(1) OR SP21 is (4,5)
- Group 6: SP13a is Yes(1) OR SP13h is Yes(1) OR (only 1 Yes response in SC27a-f AND SC27f is Yes(1) AND SC27_2 = 1) OR (2 Yes responses from SP18a-SP18o) OR SP18 is Yes(1) OR SP21 is (4,5)

- Group 1 Criteria D: Group 1 Criteria D Part 1 OR Group 1 Criteria D Part 2
- Group 2 Criteria D: Group 2 Criteria D Part 1 OR Group 2 Criteria D Part 2
- Group 3 Criteria D: Group 3 Criteria D Part 1 OR Group 3 Criteria D Part 2
- Group 4 Criteria D: Group 4 Criteria D Part 1 OR Group 4 Criteria D Part 2
- Group 5 Criteria D: Group 5 Criteria D Part 1 OR Group 5 Criteria D Part 2
- Group 6 Criteria D: Group 6 Criteria D Part 1 OR Group 6 Criteria D Part 2

E. Part 1 OR Part 2.

Part 1. The avoidance, anxious anticipation, or distress in the feared social or performance situation(s) interferes significantly with the person's normal routine, occupational (academic) functioning, or social activities or relationships

(SP16 is (3,4,5)) OR (at least 1 response between 4 and 10 for SP23a-SP23d) OR (5 ≤ SP25 ≤ 365) OR SP27 is Yes(1).

Part 2. There is marked distress about having the phobia.

SP17 is Yes(1).

F. In individuals under age 18 years, the duration is at least 6 months(Part 1 OR Part 2).

Note: This was operationalized in 2 parts. (1) Respondents whose recency age is ≥ 18 automatically meet criterion F. (2) For all others, the symptoms must persist at least 6 months.

Part 1. Recency age is at least 18 years old.

18 ≤ SP20 < 998 OR (SP19 is(1,2,3) AND AGE ≥ 18)

Part 2. The duration is greater than 1 year.

Note: We have many different dates(onset, recency, service utilization) relating to this diagnosis. Any two dates having a difference ≥ 1 year is taken as evidence that the diagnosis persisted more than 6 months. This is operationalized as follows:

Group 1: MAX(SP3, SP20,SP27a,SP38a,SP41a) –MIN(SP3, SP20,SP27a,SP38a,SP41a) ≥ 1

Group 2: MAX(SP5, SP20,SP27a,SP38a,SP41a) –MIN(SP5, SP20,SP27a,SP38a,SP41a) ≥ 1

Group 3: MAX(SP7, SP20,SP27a,SP38a,SP41a) –MIN(SP7, SP20,SP27a,SP38a,SP41a) ≥ 1

Group 4: MAX(SP9, SP20,SP27a,SP38a,SP41a) –MIN(SP9, SP20,SP27a,SP38a,SP41a) ≥ 1

Group 5: MAX(SP11, SP20,SP27a,SP38a,SP41a) –MIN(SP11, SP20,SP27a,SP38a,SP41a) ≥ 1

Group 6: MAX(SP13, SP20,SP27a,SP38a,SP41a) –MIN(SP13, SP20,SP27a,SP38a,SP41a) ≥ 1

Group 1 Criteria F: Criteria F Part 1 OR Group 1 Criteria F Part 2

Group 2 Criteria F: Criteria F Part 1 OR Group 2 Criteria F Part 2

Group 3 Criteria F: Criteria F Part 1 OR Group 3 Criteria F Part 2

Group 4 Criteria F: Criteria F Part 1 OR Group 4 Criteria F Part 2

Group 5 Criteria F: Criteria F Part 1 OR Group 5 Criteria F Part 2

Group 6 Criteria F: Criteria F Part 1 OR Group 6 Criteria F Part 2

- G. The anxiety, Panic Attacks, or phobic avoidance associated with the specific object or situation are not better accounted for by another mental disorder, such as OCD, PTSD, Sep. Anxiety, Social Phobia, Panic Disorder, Agoraphobia.

Not operationalized.

Group 1 Specific Phobia: Group 1 Criteria A AND Group 1 Criteria B AND Criteria C AND Group 1 Criteria D AND Criteria E AND Criteria F

Group 2 Specific Phobia: Group 2 Criteria A AND Group 2 Criteria B AND Criteria C AND Group 2 Criteria D AND Criteria E AND Criteria F

Group 3 Specific Phobia: Group 3 Criteria A AND Group 3 Criteria B AND Criteria C AND Group 3 Criteria D AND Criteria E AND Criteria F

Group 4 Specific Phobia: Group 4 Criteria A AND Group 4 Criteria B AND Criteria C AND Group 4 Criteria D AND Criteria E AND Criteria F

Group 5 Specific Phobia: Group 5 Criteria A AND Group 5 Criteria B AND Criteria C AND Group 5 Criteria D AND Criteria E AND Criteria F

Group 6 Specific Phobia: Group 6 Criteria A AND Group 6 Criteria B AND Criteria C AND Group 6 Criteria D AND Criteria E AND Criteria F

DSM-IV Specific Phobia: Group 1 Specific Phobia OR Group 2 Specific Phobia OR Group 3 Specific Phobia OR Group 4 Specific Phobia OR Group 5 Specific Phobia OR Group 6 Specific Phobia.

DSM-IV Substance Abuse Disorders

DSM-IV Alcohol Abuse

A. A maladaptive pattern of alcohol use leading to clinically significant impairment or distress, as manifested by one (or more) of the following, occurring within a 12-month period:

1. recurrent substance use resulting in a failure to fulfill major role obligations at work, school, or home (e.g., repeated absences or poor work performance related to alcohol use; alcohol-related absences, suspensions, or expulsions from school; neglect of children or household)

SU12 is Yes(1)

2. recurrent alcohol use in situations in which it is physically hazardous (e.g., driving an automobile or operating a machine when impaired by alcohol use)

SU12c is Yes(1)

3. recurrent alcohol-related legal problems (e.g., arrests for alcohol-related disorderly conduct)

SU12d is Yes(1)

4. continued alcohol use despite having persistent or recurrent social or interpersonal problems caused or exacerbated by the effects of alcohol (e.g., arguments with spouse about consequences of intoxication, physical fights)

SU12a is Yes(1) AND SU12b is Yes(1)

B. The symptoms have never met the criteria for Alcohol Dependence

NOT (Alcohol Dependence)

DSM-IV Alcohol Dependence

A. Part 1 AND Part 2.

Part 1. A maladaptive pattern of alcohol use, leading to clinically significant impairment or distress, as manifested by three(or more) of the following:

1. tolerance, as defined by either of the following:

- a. a need for markedly increased amounts of alcohol to achieve intoxication or desired effect.

SU19a is Yes(1)

- b. markedly diminished effect with continued use of the same amount of alcohol.

SU19a is Yes(1)

2. withdrawal, as manifested by either of the following:

- a. the characteristic withdrawal syndrome for alcohol(refer to Criteria A and B of the criteria sets for Withdrawal from the specific substances)

SU19b is Yes(1)

- b. alcohol (or a closely related) substance is taken to relieve or avoid withdrawal symptoms.

SU19c is Yes(1)

3. alcohol is often taken in larger amounts or over a longer period than was intended.

SU19d is Yes(1) OR SU19e is Yes(1) OR SU19f is Yes(1)

4. there is a persistent desire or unsuccessful efforts to cut down or control alcohol use

SU19g is Yes(1) OR $3 \leq SU32 < 998$

5. a great deal of time is spent in activities necessary to obtain alcohol(e.g., visiting multiple doctors or driving long distances), use alcohol, or recover from its effects

SU19h is Yes(1)

6. important social, occupational, or recreational activities are given up or reduced because of alcohol.

SU19i is Yes(1)

7. alcohol use is continued despite knowledge of having a persistent or recurrent physical or psychological problem that is likely to have been caused or exacerbated by alcohol(e.g., continued drinking despite recognition that an ulcer was made worse by alcohol consumption).

SU19j is Yes(1) OR (SU26 IN(1,2,3) AND SU38a is (1))

Part 2. A maladaptive pattern of alcohol use as manifested by three (or more) symptoms occurring at any time in the same 12-month period:

SU29 is Yes(1)

DSM-IV Drug Abuse

A. A maladaptive pattern of drug use leading to clinically significant impairment or distress, as manifested by one (or more) of the following, occurring within a 12-month period:

1. recurrent drug use resulting in a failure to fulfill major role obligations at work, school, or home (e.g., repeated absences or poor work performance related to drug use; drug-related absences, suspensions, or expulsions from school; neglect of children or household)

SU65 is Yes(1)

2. recurrent drug use in situations in which it is physically hazardous (e.g., driving an automobile or operating a machine when impaired by substance use)

SU65c is Yes(1)

3. recurrent drug-related legal problems (e.g., arrests for drug-related disorderly conduct)

SU65d is Yes(1)

4. continued drug use despite having persistent or recurrent social or interpersonal problems caused or exacerbated by the effects of drugs (e.g., arguments with spouse about consequences of intoxication, physical fights)

SU65a is Yes(1) AND SU65b is Yes(1)

B. The symptoms have never met the criteria for Drug Dependence

NOT (Drug Dependence)

DSM-IV Drug Dependence

A. Part 1 AND Part 2

Part 1. A maladaptive pattern of drug use, leading to clinically significant impairment or distress, as manifested by three(or more) of the following:

1. tolerance, as defined by either of the following:

- a. a need for markedly increased amounts of the drug to achieve intoxication or desired effect.

SU72a is Yes(1)

- b. markedly diminished effect with continued use of the same amount of the drug.

SU72a is Yes(1)

2. withdrawal, as manifested by either of the following:

- a. the characteristic withdrawal syndrome for the drug(refer to Criteria A and B of the criteria sets for Withdrawal from the specific substances)

SU72b is Yes(1)

- b. the same (or a closely related) substance is taken to relieve or avoid withdrawal symptoms.

SU72c is Yes(1)

3. the drug is often taken in larger amounts or over a longer period than was intended.

SU72d is Yes(1) OR SU72e is Yes(1)

4. there is a persistent desire or unsuccessful efforts to cut down or control drug use

SU72f is Yes(1)

5. a great deal of time is spent in activities necessary to obtain the drug(e.g., visiting multiple doctors or driving long distances), use the drug, or recover from its effects

SU72g is Yes(1)

6. important social, occupational, or recreational activities are given up or reduced because of drug use.

SU72h is Yes(1)

7. the drug use is continued despite knowledge of having a persistent or recurrent physical or psychological problem that is likely to have been caused or exacerbated by the drug(e.g., current cocaine use despite recognition of cocaine-induced depression, or continued drinking despite recognition that an ulcer was made worse by alcohol consumption).

SU72i is Yes(1) OR (SU79 IN(1,2,3) AND SU86a is (1))

Part 2. A maladaptive pattern of drug use as manifested by three(or more) symptoms occurring at any time in the same 12-month period.

SU82 is Yes(1)

DSM-IV Nicotine Dependence

A. Part 1 AND Part 2

Part 1. A maladaptive pattern of nicotine use, leading to clinically significant impairment or distress, as manifested by three(or more) of the following:

1. tolerance, as defined by either of the following:

- a. absence of nausea, dizziness, and other characteristic symptoms despite using substantial amounts of nicotine.

TB15a is Yes(1)

- b. diminished effect observed with continued use of the same amount of nicotine-containing products.

TB15a is Yes(1)

2. withdrawal, as manifested by either of the following:

- a. the characteristic withdrawal syndrome for nicotine(refer to Criteria A and B of the criteria sets for Withdrawal from the specific substances)

TB15b is Yes(1) OR TB15c is Yes(1)

- b. nicotine (or a closely related) substance is taken to relieve or avoid withdrawal symptoms.

TB15d is Yes(1)

3. nicotine is often taken in larger amounts or over a longer period than was intended.

TB15e is Yes(1) OR TB15f is Yes(1)

4. there is a persistent desire or unsuccessful efforts to cut down or control nicotine use

Note: "persistent desire" not operationalized

TB15g is Yes(1) OR $3 \leq TB36 < 998$

5. a great deal of time is spent in activities necessary to obtain nicotine(e.g., visiting multiple doctors or driving long distances), use nicotine(e.g., chain-smoking), or recover from its effects

TB15h is Yes(1)

6. important social, occupational, or recreational activities are given up or reduced because of nicotine.

TB15i is Yes(1)

7. nicotine use is continued despite knowledge of having a persistent or recurrent physical or psychological problem that is likely to have been caused or exacerbated by nicotine.

(TB15j is Yes(1) AND TB15k is Yes(1)) OR (TB15l is Yes(1) AND TB15m is Yes(1))

Part 2. A maladaptive pattern of nicotine use occurring as manifested by three(or more) symptoms at any time in the same 12-month period.

TB25 is Yes(1)

DSM-IV Impulse Control Disorders

DSM-IV Anorexia Nervosa

- A. Refusal to maintain body weight at or above a minimally normal weight for age and height (e.g., weight loss leading to maintenance of body weight less than 85% of that expected; or failure to make expected weight gain during period of growth, leading to body weight less than 85% of that expected.)

$$EA2 < (0.85 * \text{minimum weight for EA3})$$

MINIMUM WEIGHTS FOR WOMEN			
<u>Height (feet)</u> <u>Weight (lbs)</u>		<u>Height (meters)</u> <u>Weight (kg)</u>	
4'10" or less	111	1.47 or less	50
4'11"	114	1.50	52
5'0"	116	1.52	53
5'1"	119	1.55	54
5'2"	122	1.57	55
5'3"	125	1.60	57
5'4"	128	1.62	58
5'5"	132	1.65	60
5'6"	135	1.68	61
5'7"	139	1.70	63
5'8"	142	1.73	64
5'9"	145	1.75	66
5'10"	147	1.78	67
5'11"	150	1.8	68
6'0" or more	152	1.83 or more	69

MINIMUM WEIGHTS FOR MEN			
<u>Height (feet)</u> <u>Weight (lbs)</u>		<u>Height (meters)</u> <u>Weight (kg)</u>	
5'2" or less.....	128	1.57 or less.....	58
5'3"	130	1.60	59
5'4"	133	1.62	60
5'5"	136	1.65	62
5'6"	139	1.68	63
5'7"	143	1.70	65
5'8"	146	1.73	66
5'9"	150	1.75	68
5'10".....	153	1.78	69
5'11".....	156	1.80	71
6'0"	160	1.83	73
6'1"	163	1.85	74
6'2"	167	1.88	76
6'3"	172	1.90	78
6'4" or more	176	1.93 or more.....	80

B. Part 1 AND Part 2

Part 1. Intense fear of gaining weight or becoming fat.

EA1 is Yes(1) AND EA6 is Yes(1)

Part 2. Even though you were underweight.

EA2 < (0.85 * minimum weight for EA3)

C. Part 1 OR Part 2 OR Part 3

Part 1. Disturbance in the way in which one's body weight or shape is experienced.

EA10 is Yes(1) OR EA10b is Yes(1)

Part 2. Undue influence of body weight or shape on self-evaluation.

EA10c is Yes(1)

Part 3. Denial of the seriousness of the current low body weight.

EA10d is Yes(1)

D. In postmenarcheal females, amenorrhea, i.e., the absence of at least three consecutive menstrual cycles. (A woman is considered to have amenorrhea if her periods occur only following hormone, e.g., estrogen, administration).

Sex is Male(1) OR EA9 is Yes(1) OR (EA15=1 and SC1 < age of menarchea)
OR (EA15a < age of menarchea)

(EA2 < minimum weight for EA3) AND (EA10 is Yes(1) OR EA10b is Yes(1)
OR EA10c is Yes(1) OR EA10d is Yes(1)).

DSM-IV Attention Deficit Disorder

A. Part 1 OR Part 2

Part 1. Six (or more) of the following symptoms of inattention have persisted for at least 6 months to a degree that is maladaptive and inconsistent with developmental level:

1. often fails to give close attention to details or makes careless mistakes in schoolwork, work, or other activities.

AD1b1 is (1,2)

2. often has difficulty sustaining attention in tasks or play activities.

AD1e1a is (1,2)

3. often does not seem to listen when spoken to directly.

AD1d1a is (1,2)

4. often does not follow through on instructions and fails to finish schoolwork, chores, or duties in the workplace (not due to oppositional behavior or failure to understand instructions).

AD1i1 is (1,2)

5. often has difficulty organizing tasks and activities.

AD1h1a is (1,2)

6. often avoids, dislikes, or is reluctant to engage in tasks that require sustained mental effort (such as schoolwork or homework)

AD1g1a is (1,2)

7. often loses things necessary for tasks or activities (e.g., toys, school assignments, pencils, books, or tools).

AD1a1 is (1,2)

8. is often easily distracted by extraneous stimuli.

AD1f1a is (1,2)

9. is often forgetful in daily activities.

AD1c1 is (1,2)

Part 2. Six (or more) of the following symptoms of hyperactivity-impulsivity have persisted for at least 6 months to a degree that is maladaptive and inconsistent with developmental level:

1. often fidgets with hands or feet or squirms in seat.

AD30e1 is (1,2)

2. often leaves seat in classroom or in other situation in which remaining seated is expected.

AD30f1a is (1,2)

3. often runs about or climbs excessively in situations in which it is inappropriate (in adolescents or adults, may be limited to subjective feelings of restlessness).

AD30a1 is (1,2) OR (AD30b1 is (1,2) AND recency > 12)

if AD33 is Yes, recency = AGE

else recency = AD33a

4. often has difficulty playing or engaging in leisure activities quietly.

AD30d1 is (1,2)

5. is often "on the go" or often acts as if "driven by a motor"

AD30c1 is (1,2)

6. often talks excessively

AD30g1a is (1,2)

7. often blurts out answers before questions have been completed.

AD30h1a is (1,2)

8. often has difficulty awaiting turn.

AD30k1 is (1,2)

9. often interrupts or intrudes on others (e.g., butts into conversations or games)

AD30i1a is (1,2) OR AD30j1a is (1,2)

- B. Some hyperactive-impulsive or inattentive symptoms that caused impairment were present before age 7 years(Note: Criteria not required for final diagnosis).

AD3a < 7 OR AD3b < 7 OR AD32a < 7 OR AD32b < 7

- C. Some impairment from the symptoms is present in two or more settings(e.g., at school[or work] and at home):

1. school

AD6a1 is (1,2) OR AD35a1 is (1,2)

2. home

AD6b1 is (1,2) OR AD35b1 is (1,2)

3. work

AD6c1 is (1,2) OR AD35c1 is (1,2)

4. personal relationships or social life

AD6d1 is (1,2) OR AD35d1 is (1,2)

- D. There must be clear evidence of clinically significant impairment in social, academic, or occupational functioning(note: Criteria not required for final diagnosis).

AD14 is Yes(1) OR (at least 1 of AD48a-AD48d is between 4 and 10) OR (5 <= AD49 <= 365) OR AD43_1aa is Yes(1)

- E. The symptoms do not occur exclusively during the course of a Pervasive Developmental Disorder, Schizophrenia, or other Psychotic Disorder and are not better accounted for by another mental disorder(e.g., Mood Disorder, Anxiety Disorder, Dissociative Disorder, or a Personality Disorder).

Not operationalized

DSM-IV Binge Eating Disorder

A. Part 1 AND Part 2

1. Recurrent episodes of eating, in a discrete period of time (e.g., within any 2 hour period), an amount of food that is definitely larger than most people would eat during a similar period of time and under similar circumstances

EA16 is Yes(1)

2. A sense of lack of control over eating disorder during the episode (e.g., a feeling that one cannot stop eating or control what or how much one is eating.

EA17a is Yes(1) OR EA17b is Yes(1) OR EA17c is Yes(1) OR EA17h is Yes(1)

B. The binge-eating episodes are associated with three (or more) of the following:

1. eating much more rapidly than normal

EA17 is Yes(1)

2. eating until feeling uncomfortably full

EA17a is Yes(1)

3. eating large amounts of food when not feeling physically hungry

EA17b is Yes(1)

4. eating alone because of being embarrassed by how much one is eating

EA17c is Yes(1)

5. feeling disgusted with oneself, depressed, or very guilty after overeating

EA17d is Yes(1)

C. Marked distress regarding binge eating is distressed

EA17d is Yes(1) OR EA17e is Yes(1) OR EA17g is Yes(1) or EA17h is Yes(1)

D. The binge eating occurs, on average at least 2 days a week for 6 months

EA16 is Yes(1)

- E. The binge eating is not associated with the regular use of inappropriate compensatory behaviors (e.g. purging, fasting, excessive exercise) and does not occur exclusively during the course of Anorexia Nervosa or Bulimia Nervosa.

((Binge recency < Anorexia onset) OR (Binge onset > Anorexia recency) OR
(Binge recency > Anorexia recency))
AND ((Binge recency < Bulimia onset) OR (Binge onset > Bulimia recency)
OR (Binge recency > Bulimia recency))

DSM-IV Bulimia Nervosa

A. Part 1 AND Part 2.

Part 1. Recurrent episodes of eating, in a discrete period of time(e.g., within any 2 hour period), an amount of food that is definitely larger than most people would eat during a similar period of time and under similar circumstances.

EA16 is Yes(1)

Part 2. Recurrent episodes of a sense of lack of control over eating during the episode(e.g., a feeling that one cannot stop eating or control what or how much one is eating).

EA17a is Yes(1) OR EA17b is Yes(1) OR EA17c is Yes(1) OR EA17h is Yes(1)

B. Recurrent inappropriate compensatory behavior in order to prevent weight gain, such as self-induced vomiting; misuse of laxatives, diuretics, enemas, or other medications; fasting or excessive exercise.

At least 1 Yes(1) in EA23,EA23a – EA23f

C. The binge eating and inappropriate compensatory behaviors both occur, on average, at least twice a week for 3 months.

EA16 is Yes(1) AND EA25 is Yes(1)

D. Self-evaluation is unduly influenced by body shape and weight.

EA17f is Yes(1)

E. The disturbance does not occur exclusively during episodes of Anorexia Nervosa.

NOT(Anorexia nervosa) OR
(Bulimia recency < Anorexia onset) OR (Bulimia onset > Anorexia recency)
OR (Bulimia persistence > Anorexia persistence)

DSM-IV Bulimia Nervosa

A. Part 1 AND Part 2.

Part 1. Recurrent episodes of eating, in a discrete period of time(e.g., within any 2 hour period), an amount of food that is definitely larger than most people would eat during a similar period of time and under similar circumstances.

EA16 is Yes(1)

Part 2. Recurrent episodes of a sense of lack of control over eating during the episode(e.g., a feeling that one cannot stop eating or control what or how much one is eating.

EA17a is Yes(1) OR EA17b is Yes(1) OR EA17c is Yes(1) OR EA17h is Yes(1)

B. Recurrent inappropriate compensatory behavior in order to prevent weight gain, such as self-induced vomiting; misuse of laxatives, diuretics, enemas, or other medications; fasting or excessive exercise.

At least 1 Yes(1) in EA23a – EA23e

C. The binge eating and inappropriate compensatory behaviors both occur, on average, at least twice a week for 3 months.

EA16 is Yes(1) AND EA25 is Yes(1)

D. Self-evaluation is unduly influenced by body shape and weight.

EA1 is Yes(1) OR EA17e is Yes(1) OR EA17f is Yes(1)

E. The disturbance does not occur exclusively during episodes of Anorexia Nervosa.

NOT(Anorexia nervosa) OR
(Bulimia recency < Anorexia onset) OR (Bulimia onset > Anorexia recency)
OR
(Bulimia persistence > Anorexia persistence)

DSM-IV Conduct Disorder

A. Part 1 AND Part 2.

Part 1. A repetitive and persistent pattern of behavior in which the basic rights of others or major age-appropriate societal norms or rules are violated as manifested by the presence of three (or more) of the following criteria:

1. often bullies, threatens, or intimidates others.

CD16 is Yes(1) OR CD16a is Yes(1)

2. often initiate physical fights.

CD16b is Yes(1)

3. has used a weapon that can cause serious physical harm to others(e.g., a bat, brick, broken bottle, knife, gun).

CD16c is Yes(1)

4. has been physically cruel to people.

CD16e is Yes(1)

5. has been physically cruel to animals.

CD16d is Yes(1)

6. has stolen while confronting a victim (e.g., mugging, purse snatching, extortion, armed robbery).

CD16f is Yes(1) OR CD16g is Yes(1)

7. has forced someone into sexual activity.

CD16h is Yes(1)

8. has deliberately engaged in fire setting with the intention of causing serious damage.

CD1f is Yes(1)

9. has deliberately destroyed other's property (other than by fire setting).

CD1g is Yes(1)

10. has broken into someone else's house, building, or car.

CD1e is Yes(1)

11. often lies to obtain goods or favors or to avoid obligations(i.e., "cons" others)

CD1a is Yes(1) OR CD1b is Yes(1)

12. has stolen items of nontrivial value without confronting a victim(e.g., shoplifting, but without breaking and entering; forgery).

CD1c is Yes(1) OR CD1d is Yes(1)

13. often stays out at night despite parental prohibitions, beginning before age 13 years.

Note: "beginning before age 13 years" not operationalized
CD1h is Yes(1)

14. has run away from home overnight at least twice while living in parental or parental surrogate home (or once without returning for a lengthy period).

CD1j is Yes(1) OR CD1k is Yes(1)

15. is often truant from school, beginning before age 13 years.

Note: "beginning before age 13 years" not operationalized
CD1i is Yes(1)

Part 2. A repetitive and persistent pattern of behavior in which the basic rights of others or major age-appropriate societal norms or rules are violated as manifested by the presence of three(or more) of the following criteria in the past 12 months with at least one criterion in the past 6 months.

Not operationalized

- B. The disturbance in behavior causes clinically significant impairment in social, academic, or occupational functioning.

CD11 is (4,5) OR CD22 is (4,5) OR CD33 is Yes(1) OR CD38 is Yes(1) OR CD39 is Yes(1)

- C. If the individual is age 18 years or older, criteria are not met for Antisocial Personality Disorder.

Not operationalized

DSM-IV Intermittent Explosive Disorder

- A. Several discrete episodes of failure to resist aggressive impulses that result in serious acts of assault or destruction of property.

(3 <= IED3a <= 9997 OR 3 <= IED3b <= 9997 OR 3 <= IED3c <= 9997 OR 3 <= IED3d <= 9997 OR 3 <= IED3e <= 9997) AND IED6 is Yes(1).

- B. The degree of aggressiveness expressed during the episodes is grossly out of proportion to any precipitating psychosocial stressors

IED5 is Yes(1) OR IED5a is Yes(1) OR IED5b is Yes(1)

- C. Part 1 AND Part 2

Note: Validity data has determined that the following is the best measure for Criterion C.

Part 1. The aggressive episodes are not better accounted for by another mental disorder

Part a AND Part b AND Part c AND Part d

Part a. IF IED9a = 5 and LT DSM-IV alcohol or drug abuse or dependence is yes and the ages of onset and recency of IED fall within the ages of onset and recency of alc-drug disorders, then R should be coded as not having IED with diagnostic hierarchy rules. This excludes cases due to drinking and drugs.

NOT(IED9a = 5 AND (dsm_ala = 1 or dsm_alc = 1 or dsm_dra = 1 or dsm_drd = 1) AND (sub_on <= ied_on <= sub_rec) AND (sub_on <= ied_rec <= sub_rec))

Part b. IF IED10b = 5, then R should be coded as not having IED with diagnostic hierarchy rules. This excludes cases due to physical illness or medication for physical illness.

NOT(IED10b=5)

Part c. IF IED11a = 5 and lifetime MDE is yes and AOO and recency of IED falls within the ages of onset and recency of MDE, then R should be coded as not having IED with diagnostic hierarchy rules. This excludes cases due to MDE.

NOT(IED11a = 5 AND dsm_mde = 1 AND (mde_ond <= ied_on <= mde_recd) AND (mde_ond <= ied_rec <= mde_recd))

Part d. The above three were the only ones explicitly asked about in the IED section. A question regarding mania should have also been but was not. To make up for this impose the following additional requirement. Recode a person as not having IED with hierarchy if he/she meets all of the following requirements:

IF (i) lifetime manic episode or hypomanic episode are yes
NOT(dsm_man = 1 or dsm_hyp = 1)

(ii) the AOO and recency of IED fall within the ages of onset and recency of manic or hypomanic episode

NOT (min(man_ond,hyp_ond) <= ied_on <= max(man_recd, hyp_recd) AND min(man_ond,hyp_ond) <= ied_rec <= max(man_recd, hyp_recd))

(iii) the number of years in M23 is greater than or equal to the number of years in IED19 (i.e., lifetime # of years with manic or hypomanic episodes is GTE lifetime # of years with years with IED).

Note: in cases where R says DK/REF for either M23 or IED19, assume that years with mania is GTE years with IED

NOT(M23 ~IN(.,998,999) AND IED19 ~IN(.,998,999) and M23 >= IED19) OR M23 IN(998,999) OR IED19 IN(998,999))

Part 2. The aggressive episodes are not due to the direct physiological effects of a substance or a general medical condition.

(IED9 is No(5) or IED9a is Yes(1)) AND (IED10 is No(5) or IED10b is Yes(1))

Note: IED10 is used as an initial screener only. All open ended items are reviewed by a clinician to determine organic exclusion.

DSM-IV Oppositional-Defiant Disorder

A. A pattern of negativistic, hostile, and defiant behavior lasting at least 6 months, during which four (or more) of the following are present:

1. often loses temper.

OD1a is Yes(1)

2. often argues with adults.

OD1b is Yes(1)

3. often actively defies or refuses to comply with adult's requests or rules.

OD1c is Yes(1) OR OD1d is Yes(1)

4. often deliberately annoys people.

OD1g is Yes(1)

5. often blames others for his or her mistakes or misbehavior.

OD1h is Yes(1)

6. is often touchy or easily annoyed by others.

OD1j is Yes(1) OR OD1k is Yes(1)

7. is often angry and resentful.

OD1e is Yes(1)

8. is often spiteful and vindictive.

OD1i is Yes(1)

If 4 OD1 series questions are Yes, rest of OD1 series are skipped. If
OD1d_1 = 1 OR OD1e_1 = 1 OR OD1f_1 = 1 OR
OD1g_1 = 1 or OD1h_1 = 2 or OD1i_1 = 2 or OD1j_1 = 2 then
Criteria is met.

B. The disturbance in behavior causes clinically significant impairment in social, academic or occupational functioning.

OD6 is (3,4,5) OR (at least 1 response between 4 and 10 for OD8a-OD8d)
OR (5 <= OD10 <= 365) OR OD12 is Yes(1).

- C. The behaviors do not occur exclusively during the course of a Psychotic or Mood Disorder.

Note: Psychotic Disorder not operationalized

(Major Depression = No(5) AND Minor Depression = No(5) AND Dysthymia = No(5) AND Mania = No(5)) OR
((Major Depression = Yes(1) OR Minor Depression = Yes(1) OR Dysthymia = Yes(1) OR Mania = Yes(1)) AND
((Oppositional Defiance onset < Mood onset) OR
(Oppositional Defiance recency > Mood recency) OR
(Oppositional Defiance persistence > Mood persistence)))

Note: Mood onset = earliest onset of mood disorder

Mood recency = most recent mood disorder

Mood persistence = sum (persistence of mood disorders)

- D. Criteria are not met for Conduct Disorder, and if the individual is age 18 years or older, criteria are not met for Antisocial Personality Disorder.

Note: Antisocial Personality Disorder not operationalized

(Conduct Disorder = No(5)) OR
((Oppositional Defiance onset < Conduct Disorder onset) OR
(Oppositional Defiance recency > Conduct Disorder recency) OR
(Oppositional Defiance persistence > Conduct Disorder persistence))

ICD Mood Disorders

ICD Dysthymia

A. Part 1 AND Part 2 AND Part 3.

Part 1. There must be a period of at least 2 years of constant or constantly recurring depressed mood.

Criteria Not Operationalized.

Part 2. Intervening periods of normal mood rarely last for longer than a few weeks.

Note: 8 week exclusion criteria is used, so there will be a smaller group of people who are excluded by this.

D50 >= 2 years OR D61 >= 2 years

Part 3. There are no episodes of hypomania.

NOT(Hypomania)

B. None, or very few, of the individual episodes of depression within such a 2-year period should be sufficiently severe or long-lasting to meet the criteria for recurrent mild depressive disorder(F33.0)

((Severe Depression is No(5) AND Moderate Depression is No(5)) OR
((Severe Depression is Yes(1) OR Moderate Depression is Yes(1)) AND (DYS
Onset < Depression Onset – 2 years)) OR
((Severe Depression is Yes(1) OR Moderate Depression is Yes(1)) AND (DYS
Onset > Depression Recency)) OR
((Severe Depression is Yes(1) OR Moderate Depression is Yes(1)) AND (DYS
persistence > Depression Persistence))

C. During at least some periods of depression at least three of the following should be present:

1. reduced energy or activity

D26j is Yes(1)

2. insomnia

D26g is Yes(1) OR D26i is Yes(1)

3. loss of self confidence or feelings of inadequacy

D26t is Yes(1) OR D26u is Yes(1) OR D26v is Yes(1)

4. difficulty in concentrating

D26p is Yes(1) OR D26r is Yes(1) OR D26s is Yes(1)

5. frequent tearfulness

D26ii is Yes(1).

6. loss of interest in or enjoyment of sex and other pleasurable activities

D24e is Yes(1) OR D24f is Yes(1)

7. feeling of hopelessness or despair

D24b is Yes(1) OR D24d is Yes(1)

8. a perceived inability to cope with the routine responsibilities of everyday life.

D26ff is Yes(1).

9. pessimism about the future or brooding over the past.

D24d is Yes(1)

10. social withdrawal

D24e is Yes(1) OR D26gg is Yes(1)

11. reduced talkativeness

D26hh is Yes(1)

ICD Hypomanic Episode

A. Part 1 AND Part 2.

Part1. Mood must be elevated or irritable, and definitely abnormal for the individual concerned.

SC24 is Yes(1) OR SC25a is Yes(1)

Part 2. The mood change must be sustained for at least 4 consecutive days.

SC24 is Yes(1) OR (M3b \geq 4 days) OR (M3d \geq 4 days) OR (M6b \geq 4 days) OR (M6d \geq 4 days) OR (0 < M20 < 998) OR (M22 \geq 4 days)

B. Part 1 AND Part 2.

Part 1. At least 3 of the following signs must be present :

1. increased activity or physical restlessness.

M7a is Yes(1) OR M7e is Yes(1)

2. increased talkativeness.

M7f is Yes(1)

3. distractibility or difficulty in concentration.

M7h is Yes(1)

4. decreased need for sleep

M7j is Yes(1)

5. increased sexual energy

M7b is Yes(1)

6. mild over-spending, or other types of reckless or irresponsible behavior

M7k is Yes(1) OR M7l is Yes(1) OR M7m is Yes(1)

7. increased sociability or over-familiarity

M7c is Yes(1) OR M7d is Yes(1)

Part 2. some interference with personal function in daily living.

M9 is (3,4,5) OR M9a is (1,2,3) OR (at least 1 of M27a-M2d is between 4 and 10) OR ($2 \leq M29 < 365$) OR M33 is Yes(1).

- C. The episode does not meet the criteria for mania, bipolar affective disorder, depressive episode, cyclothymia, or anorexia nervosa.

Note: Depressive episode, cyclothymia, and anorexia nervosa are not operationalized.

NOT (Mania) OR
(Hypomania recency < Mania onset) OR (Hypomania onset > Mania recency)
OR
(Hypomania persistence > Mania persistence)

- D. The episode is not attributable to psychoactive substance use(F10-F19) or to any organic mental disorder (in the sense of F00-F09)

Note 1: Organic mental disorder not operationalized

Note 2: For the group of respondents who did not see a doctor (M10 NOT Yes), we can not separate physical illness/injury from substance use as the cause of the episode. Therefore, we may overexclude in this group of respondents.

M10a is No(5) or M10b is No(5)

ICD Manic Episode

Note: The presence or absence of psychotic symptoms is not operationalized.

A. Part 1 AND Part 2.

Part 1. Mood must be predominantly elevated, expansive, or irritable, and definitely abnormal for the individual concerned.

SC24 = Yes(1) OR SC25a = Yes(1)

Part 2. The mood change must be prominent and sustained for at least 1 week(unless it is severe enough to require hospital admission).

(M3b \geq 1 week) OR (M3d \geq 1week) OR (M6b \geq 1 week) OR (M6d \geq 1week) OR (0 < M20 < 998) OR
(M22 \geq 1 week) OR M48 is Yes(1)

B. Part 1 AND Part 2.

Part 1. At least 3 of the following signs must be present (4 if the mood is merely irritable):

Mood is merely irritable

SC25a is Yes(1) and (SC24 is NOT Yes(1))

1. increased activity or physical restlessness.

M7a is Yes(1) OR M7e is Yes(1)

2. increased talkativeness("pressure of speech")

M7f is Yes(1)

3. flight of ideas or the subjective experience of thoughts racing.

M7i is Yes(1)

4. loss of normal social inhibitions, resulting in behavior that is inappropriate to the circumstances.

M7c is Yes(1) OR M7d is Yes(1)

5. decreased need for sleep

M7j is Yes(1)

6. inflated self-esteem or grandiosity

M7n is Yes(1) OR M7o is Yes(1)

7. distractibility or constant changes in activity or plans

M7g is Yes(1) OR M7h is Yes(1)

8. behavior that is foolhardy or reckless and whose risks the individual does not recognize, e.g., spending sprees, foolish enterprises, reckless driving

M7k is Yes(1) OR M7l is Yes(1) OR M7m is Yes(1)

9. marked sexual energy or indiscretions.

M7b is Yes(1)

Part 2. Severe interference with personal function in daily living.

M9 is (4,5) OR M9a is (1,2) OR (at least 1 of M27a-M2d is between 7 and 10) OR
(5 ≤ M29 < 998) OR M33 is Yes(1).

C. There are no hallucinations or delusions, although perceptual disorders may occur(e.g. subjective hyperacusis, appreciation of colors as especially vivid).

Not Operationalized.

D. The episode is not attributable to psychoactive substance use(F10-F19) or to any organic mental disorder (in the sense of F00-F09)

Note 1: Organic mental disorder not operationalized

Note 2: For the group of respondents who did not see a doctor (M10 NOT Yes), we can not separate physical illness/injury from substance use as the cause of the episode. Therefore, we may overexclude in this group of respondents.

M10a is No(5) or M10b is No(5).

ICD Anxiety Disorders

ICD Adult Separation Anxiety Disorder

A. At least three of the following must be present:

1. unrealistic and persistent worry about possible harm befalling major attachment figures or about the loss of such figures (e.g. fear that they will leave and not return or that the child will not see them again), or persistent concerns about the death of attachment figures.

SA11c is Yes(1) OR SA11d is Yes(1)

2. unrealistic and persistent worry that some untoward event will separate the child from a major attachment figure (e.g. the child getting lost, being kidnapped, admitted to hospital, or killed).

SA11e is Yes(1) OR SA11f is Yes(1)

3. persistent reluctance or refusal to go to school because of fear over separation from a major attachment figure or in order to stay at home (rather than for other reasons such as fear over events at school).

Not operationalized

4. difficulty in separating at night, as manifested by any of the following:

- a. persistent reluctance or refusal to go to sleep without being near an attachment figure.

SA11l is Yes(1)

- b. getting up frequently during the night to check on, or to sleep near, an attachment figure.

Not operationalized

- c. persistent reluctance or refusal to sleep away from home.

SA11m is Yes(1)

5. persistent inappropriate fear of being alone, or otherwise without the major attachment figure, at home during the day.

SA11g is Yes(1) OR SA11h is Yes(1)

6. repeated nightmares involving themes of separation.

SA11n is Yes(1)

7. repeated occurrence of physical symptoms (such as nausea, stomach ache, headache, or vomiting) on occasions that involve separation from a major attachment figure, such as leaving home to go to school or on other occasions involving separation (holidays, camps, etc.).

SA11k is Yes(1)

8. excessive, recurrent distress in anticipation of, during, or immediately following separation from a major attachment figure(as shown by: anxiety, crying, tantrums; persistent reluctance to go away from home; excessive need to talk with parents or desire to return home; misery, apathy, or social withdrawal).

SA11a is Yes(1) OR SA11g is Yes(1)

- B. The criteria for generalized anxiety disorder of childhood(F93.80) are not met.

NOT(General Anxiety Disorder AND (Onset GAD < 18))

- C. Onset is before the age of 6 years.

Not operationalized

- D. The disorder does not occur as part of a broader disturbance of emotions, conduct, or personality, or of a pervasive developmental disorder, psychotic disorder, or psychoactive substance use disorder.

Not operationalized

- E. Duration of the disorder is at least 4 weeks.

1 <= SA21 < 998

ICD Agoraphobia (with and without Panic Disorder)

A. There is marked and consistently manifest fear in, or avoidance of, at least two of the following situations:

1. crowds

AG1b is Yes(1)

2. public places

AG1e is Yes(1) OR AG1g is Yes(1) OR AG1h is Yes(1) OR AG1i is Yes(1) OR AG1j is Yes(1)

3. traveling alone

AG1d is Yes(1)

4. traveling away from home

AG1c is Yes(1)

B. At least two symptoms of anxiety in the feared situation must have been present together, on at least one occasion since the onset of the disorder, and one of the symptoms must have been from items (1) to (4) listed below:

Note: "present together" is not operationalized

Note2: AG11 is Yes(1) is equivalent to one of the symptoms from (5) to (14) is met.

1. palpitations or pounding heart, or accelerated heart rate

AG9a is Yes(1)

2. sweating

AG9b is Yes(1)

3. trembling or shaking

AG9c is Yes(1)

4. dry mouth(not due to medication or dehydration)

AG9d is Yes(1)

5. difficulty in breathing

AG11a is Yes(1)

6. feeling of choking

AG11b is Yes(1)

7. chest pain or discomfort

AG11c is Yes(1)

8. nausea or abdominal distress (e.g. churning in stomach)

AG11d is Yes(1)

9. feeling dizzy, unsteady, faint or light headed

AG11e is Yes(1)

10. feelings that objects are unreal (derealization), or that the self is distant or "not really here" (depersonalization)

AG11j is Yes(1) OR AG11k is Yes(1)

11. fear of losing control, "going crazy", or passing out

AG11f is Yes(1)

12. fear of dying

AG11g is Yes(1)

13. hot flushes or cold chills

AG11h is Yes(1)

14. numbness or tingling sensations

AG11i is Yes(1)

C. Part 1 AND Part 2

Part 1. Significant emotional distress is caused by the avoidance or by the anxiety symptoms,

SC30_1 is Yes(1) OR AG16 is Yes(1) OR AG18 is (4,5)

Part 2. The individual recognizes that distress caused by the avoidance or by the anxiety symptoms are excessive or unreasonable.

SC30_3 is Yes(1)

- D. Symptoms are restricted to, or predominate in, the feared situations or contemplation of the feared situations.

Not operationalized.

- E. Fear or avoidance of situations (criterion A) is not the result of delusions, hallucinations, or other disorders such as organic mental disorders (F00-F09), schizophrenia and related disorders (F20-F29), mood[ffective] disorders (F30-F39), or obsessive-compulsive disorders (F42.-), and is not secondary to cultural beliefs.

Not operationalized.

ICD General Anxiety Disorder

A. Part 1 AND Part 2.

Part 1. There must have been a period of at least 6 months of worry about everyday events and problems.

G2 is 2 AND ((G5 is at least 6 months) OR (G30 is at least 6 months) OR (G31 is at least 6 months))

Part 2. There must be prominent tension, worry and feelings of apprehension about everyday events and problems.

G2 is 2 AND (G3 is Yes(1) OR G4 is (1,2) OR G4a is (1,2) OR G15 is (3,4,5) OR G44 is Yes(1).

B. Part 1 AND Part 2.

Part 1. At least 4 of the symptoms listed below must be present:

1. Palpitations or pounding heart or accelerated heart rate

G10a is Yes(1)

2. Sweating

G10b is Yes(1)

3. Trembling or shaking

G10c is Yes(1)

4. Dry mouth(not due to medication or dehydration)

G10d is Yes(1)

5. Difficulty in breathing

G13b is Yes(1)

6. Feeling or choking

G13c is Yes(1)

7. Chest pain or discomfort

G13d is Yes(1)

8. Nausea or abdominal distress (e.g. churning in stomach)
G13e is Yes(1) OR G13f is Yes(1)
9. Feeling dizzy, unsteady, faint, or light headed
G13a is Yes(1)
10. Feelings that objects are unreal (derealization), or that the self is distant or "not really here" (depersonalization)
G13g is Yes(1) OR G13h is Yes(1)
11. Fear of losing control, "going crazy", or passing out
G13i is Yes(1) OR G13j is Yes(1)
12. fear of dying
G13k is Yes(1)
13. Hot flushes or cold chills
G13l is Yes(1)
14. Numbness or tingling sensations
G13m is Yes(1)
15. Muscle tensions or aches and pains
G9e is Yes(1)
16. Restlessness and inability to relax
G9a is Yes(1)
17. Feeling keyed up, on edge, or mentally tense
G9a is Yes(1)
18. a sensation of a lump in the throat, or difficulty in swallowing
G13n is Yes(1)
19. exaggerated response to minor surprises or being startled
G13o is Yes(1)

20. difficulty in concentration, or mind "going blank", because of worry or anxiety

G9d is Yes(1)

21. Persistent irritability

G9c is Yes(1)

22. Difficulty in getting to sleep because of worrying

G9f is Yes(1)

At least 4 Yes(1) responses to G9a, G9c-G9f, G10a-G10d, G13a-G13o

Part 2. At least one of the symptoms listed below must be present

1. Palpitations or pounding heart or accelerated heart rate

G10a is Yes(1)

2. Sweating

G10b is Yes(1)

3. Trembling or shaking

G10c is Yes(1)

4. Dry mouth(not due to medication or dehydration).

G10d is Yes(1)

- C. The disorder does not meet the criteria for panic disorder(F41.0), phobic anxiety disorders(F40.-), obsessive-compulsive disorder(F42.-), or hypochondriacal disorder (F54.2)

Note: Hypochondriacal disorder not operationalized

Any one of 8 following conditions applies(PD is Panic Disorder):

1. (PD is No) AND (Social Phobia is No) AND (OCD is No)
2. (PD is Yes) AND (Social Phobia is No) AND (OCD is No) AND ((GAD Onset < PD Onset) OR (GAD recency > PD recency) OR (GAD persistence > PD persistence))
3. (PD is No) AND (Social Phobia is Yes) AND (OCD is No) AND (G1 is(1-4,7-13,15-32))

4. (PD is No) AND (Social Phobia is No) AND (OCD is Yes) AND
((G1 is (1-16,19-32)) OR (GAD Onset < OCD onset) OR (GAD recency
> OCD recency) OR
(GAD persistence > OCD persistence))
 5. (PD is No) AND (Social Phobia is Yes) AND (OCD is Yes) AND (G1 is (1-
4,7-13,15-32)) AND
((G1 is (1-16,19-32)) OR (GAD Onset < OCD onset) OR (GAD recency
> OCD recency) OR
(GAD persistence > OCD persistence))
 6. (PD is Yes) AND (Social Phobia is No) AND (OCD is Yes) AND
((GAD Onset < PD Onset) OR (GAD recency > PD recency) OR (GAD
persistence > PD persistence)) AND
((G1 is (1-16,19-32)) OR (GAD Onset < OCD onset) OR (GAD recency
> OCD recency) OR
(GAD persistence > OCD persistence))
 7. (PD is Yes) AND (Social Phobia is Yes) AND (OCD = No) AND G1 is (1-
4,7-13,15-32) AND
((GAD Onset < PD Onset) OR (GAD recency > PD recency) OR (GAD
persistence > PD persistence))
 8. (PD is Yes) AND (Social Phobia is Yes) AND (OCD is Yes) AND (G1 is
(1-4,7-13,15-32)) AND
(G1 is (1-16,19-32) OR (GAD Onset < PD Onset) OR (GAD recency >
PD recency) OR
(GAD persistence > PD persistence)) AND
((GAD Onset < OCD onset) OR (GAD recency > OCD recency) OR
(GAD persistence > OCD persistence))
- D. The anxiety disorder is not due to a physical disorder, such as hyperthyroidism, an organic mental disorder (F00-F09), or a psychoactive substance-related disorder (F10-F19), such as excess consumption of amphetamine-like substances or withdrawal from benzodiazepines.

Part 1. The disturbance is not due to the direct physiological effects of a substance(e.g. a drug of abuse, a medication) or due to a general medical condition(e.g., hyperthyroidism).

G18a is No(5) OR G18b is No(5)

Note: D18a and G18b are used as initial screeners only. All open ended items are reviewed by a clinician to determine organic exclusion.

Part 2. The anxiety is not due to an organic mental disorder (F00-F09).

Note: Organic mental disorder not operationalized.

ICD Panic Attack

A. A discrete period of intense fear or discomfort.

SC20 is Yes(1) OR SC20a is Yes(1)

B. At least 1 of the following symptoms must be present

1. palpitations or pounding heart, or accelerated heart rate

PD1a is Yes(1)

2. sweating

PD1e is Yes(1)

3. trembling or shaking

PD1f is Yes(1)

4. dry mouth(not due to medication to dehydration)

PD1g is Yes(1)

C. At least 4 of the following symptoms must be present.

1. palpitations or pounding heart, or accelerated heart rate

PD1a is Yes(1)

2. sweating

PD1e is Yes(1)

3. trembling or shaking

PD1f is Yes(1)

4. dry mouth(not due to medication to dehydration)

PD1g is Yes(1)

5. difficulty in breathing

PD1b is Yes(1)

6. feeling of choking

PD1h is Yes(1)

7. chest pain or discomfort

PD1i is Yes(1)

8. nausea or abdominal distress (e.g. churning in stomach)

PD1c is Yes(1)

9. feeling dizzy, unsteady, faint, or light-headed

PD1d is Yes(1)

10. feelings that objects are unreal(derealization), or that the self is distant or "not really here" (depersonalization)

PD1k is Yes(1) OR PD1l is Yes(1)

11. fear of losing control, "going crazy", or passing out

PD1j is Yes(1) OR PD1m is Yes(1)

12. fear of dying

PD1n is Yes(1)

13. hot flushes or cold chills

PD1o is Yes(1)

14. numbness or tingling situations

PD1p is Yes(1,3)

D. The panic attack (1) is a discrete episode of intense fear or discomfort and (2) starts abruptly and (3) reaches a maximum within a few minutes and lasts at least some minutes.

PD3 is (1,3)

Note: The use of item PD3 may overinclude individuals since it allows problems to "get worse within the first 10 minutes after the attack started" rather than reach a maximum within a few minutes".

ICD Panic Disorder

- A. The individual experiences recurrent panic attacks that are not consistently associated with a specific situation or object and that often occur spontaneously (i.e. the episodes are unpredictable). The panic attacks are not associated with marked exertion or with exposure to dangerous or life threatening situations.

Panic Attack AND (1 < PD4 < 998) AND (3 < PD17a < 998)

- B. Panic Attack

Panic Attack is Yes

- C. Panic Attacks are not due to a physical disorder, organic mental disorder (F00-F09), or other mental disorders such as schizophrenia and related disorders (F20-F29), mood [affective] disorders (F30-F39), or somatoform disorders (F45.-)

Note: organic mental disorders, schizophrenia, mood disorders and somatoform disorders not operationalized

Note 2: For the group of respondents who did not see a doctor (PD25 NOT Yes), we can not separate physical illness/injury from substance use as the cause of the episode. Therefore, we may overexclude in this group of respondents.

NOT(PD25b is Yes(1) AND PD25a is(1,5,8,9)

Note: PD25b is used as an initial screener only. All open ended items are reviewed by a clinician to determine organic exclusion.

ICD Social Phobia

A. Part 1 OR Part 2

Part 1. Marked fear of being the focus of attention, or fear of behaving in a way that will be embarrassing or humiliating

At least 1 Yes(1) in SO1a – SO1n AND
At least 1 Yes(1) in SO12, SO12a, SO13, SO14

Part 2. Marked avoidance of being the focus of attention, or of situations in which there is fear of behaving in an embarrassing or humiliating way.

(SC29_2 is Yes(1) or SO20 is (1,2,3)) AND (At least 1 Yes(1) in SO12, SO12a, SO13, SO14)

B. Part 1 AND Part 2.

Part 1. At least two symptoms of anxiety in the feared situation as defined in F40.0, criterion B, must have been manifest at some time since the onset of the disorder.

At least 2 Yes(1) from SO9a-SO9o OR SO9 is Yes(1)

Part 2. At least one of the following symptoms must have been manifest at some time(1. blushing or shaking, 2. fear of vomiting, 3. Urgency or fear of micturition or defecation).

At least 1 Yes(1) from SO8a,SO8b,SO8c

C. Part 1 AND Part 2.

Part 1. Significant emotional distress is caused by the symptoms or by the avoidance.

SC29_1 is Yes(1) OR (at least 2 Yes(1) in SO9a-SO9o) OR SO9 is Yes(1)
OR SO19 is (4,5) OR SO10 is Yes(1)

Part 2. The individual recognizes that significant emotional distress caused by the symptoms or by the avoidance is excessive and unreasonable.

SC29_3 is Yes(1)

D. Symptoms are restricted to, or predominate in, the feared situation, or contemplation of the feared situations.

Not used

- E. The symptoms listed in criteria A and B are not the result of delusions, hallucinations, or other disorders such as organic mental disorders (F00-F09), schizophrenia and related disorders (F20-F29), mood [affective] disorders (F30-F39), or obsessive-compulsive disorder(F42.-), and are not secondary to cultural beliefs.

Not Operationalized

ICD Specific Phobia

A. Part 1 OR Part 2

Part 1. Marked fear of a specific object or situation not included in agoraphobia (F40.0) or social phobia (F40.1)

- Group 1: SC27a is Yes(1)
- Group 2: SC27b is Yes(1)
- Group 3: SC27c is Yes(1)
- Group 4: SC27d is Yes(1)
- Group 5: SC27e is Yes(1)
- Group 6: SC27f is Yes(1)

Part 2. Marked avoidance of a specific object or situation not included in agoraphobia (F40.0) or social phobia (F40.1)

(For given group a Yes response from either SP3b, SP5b, SP7b, SP9b, SP11b SP13b which matches group type for specific phobia) OR (# Yes in SC27a-f = 1 and SC27_3 = 1 and SC27a-f (for group) = 1) OR (SP22 is (1,2,3))

- Group 1: SP3b is Yes(1) OR (SP22 is (1,2,3)) OR (only 1 Yes response in SC27a-f AND SC27a is Yes(1) AND SC27_3 = 1).
- Group 2: SP5b is Yes(1) OR (SP22 is (1,2,3)) OR (only 1 Yes response in SC27a-f AND SC27b is Yes(1) AND SC27_3 = 1).
- Group 3: SP7b is Yes(1) OR (SP22 is (1,2,3)) OR (only 1 Yes response in SC27a-f AND SC27c is Yes(1) AND SC27_3 = 1).
- Group 4: SP9b is Yes(1) OR (SP22 is (1,2,3)) OR (only 1 Yes response in SC27a-f AND SC27d is Yes(1) AND SC27_3 = 1).
- Group 5: SP11b is Yes(1) OR (SP22 is (1,2,3)) OR (only 1 Yes response in SC27a-f AND SC27e is Yes(1) AND SC27_3 = 1).
- Group 6: SP13b is Yes(1) OR (SP22 is (1,2,3)) OR (only 1 Yes response in SC27a-f AND SC27f is Yes(1) AND SC27_3 = 1).

- Group 1 Criteria A: Group 1 Criteria A Part 1 OR Group 1 Criteria A Part 2
- Group 2 Criteria A: Group 2 Criteria A Part 1 OR Group 2 Criteria A Part 2
- Group 3 Criteria A: Group 3 Criteria A Part 1 OR Group 3 Criteria A Part 2
- Group 4 Criteria A: Group 4 Criteria A Part 1 OR Group 4 Criteria A Part 2
- Group 5 Criteria A: Group 5 Criteria A Part 1 OR Group 5 Criteria A Part 2
- Group 6 Criteria A: Group 6 Criteria A Part 1 OR Group 6 Criteria A Part 2

B. Part 1 AND Part 2.

Part 1. At least two symptoms of anxiety in the feared situation from criterion F40.0B must have been present.

(At least 2 Yes(1) from SP18a-SP18o) OR (SP18 is Yes(1)).

Part 2. At least one of the symptoms must have been from items (1) to (4) from criterion F40.0B

Not Operationalized

C. Part 1 AND Part 2

Part 1. Significant emotional distress is caused by the symptoms or by the avoidance

(For given group a Yes(1) response from either SP3a, SP5a, SP7a, SP7f(1 = all the time, 2 = most of the time), SP9a, SP9g, SP11a, SP11h, SP13a, SP13h which matches group type for specific phobia) OR (only 1 Yes response in SC27a-f AND SC27_2 = 1) OR (SP21 is (4,5))

Group 1: SP3a is Yes(1) OR (only 1 Yes response in SC27a-f AND SC27a is Yes(1) AND SC27_2 = 1) OR SP21 is (4,5)

Group 2: SP5a is Yes(1) OR (only 1 Yes response in SC27a-f AND SC27b is Yes(1) AND SC27_2 = 1) OR SP21 is (4,5)

Group 3: SP7a is Yes(1) OR SP7f is (1,2) OR (only 1 Yes response in SC27a-f AND SC27c is Yes(1) AND SC27_2 = 1) OR SP21 is (4,5)

Group 4: SP9a is Yes(1) OR SP9g is Yes(1) OR (only 1 Yes response in SC27a-f AND SC27d is Yes(1) AND SC27_2 = 1) OR SP21 is (4,5)

Group 5: SP11a is Yes(1) OR SP11h is Yes(1) OR (only 1 Yes response in SC27a-f AND SC27e is Yes(1) AND SC27_2 = 1) SP21 is (4,5)

Group 6: SP13a is Yes(1) OR SP13h is Yes(1) OR (only 1 Yes response in SC27a-f AND SC27f is Yes(1) AND SC27_2 = 1) SP21 is (4,5)

Part 2. The individual recognizes that significant emotional distress caused by the symptoms or by the avoidance is excessive and unreasonable.

SC27_4 is Yes(1).

Group 1 Criteria C: Group 1 Criteria C Part 1 AND Criteria C Part 2

Group 2 Criteria C: Group 2 Criteria C Part 1 AND Criteria C Part 2

Group 3 Criteria C: Group 3 Criteria C Part 1 AND Criteria C Part 2

Group 4 Criteria C: Group 4 Criteria C Part 1 AND Criteria C Part 2

Group 5 Criteria C: Group 5 Criteria C Part 1 AND Criteria C Part 2

Group 6 Criteria C: Group 6 Criteria C Part 1 AND Criteria C Part 2

D. Symptoms are restricted to, or predominate in, the feared situations or contemplation of the feared situations.

Not Operationalized

E. The anxiety, Panic Attacks, or phobic avoidance associated with the specific object or situation are not better accounted for by another mental disorder, such as OCD, Schizophrenia, Mood Disorder.

Not Operationalized

Group 1 Specific Phobia: Group 1 Criteria A AND Criteria B AND Group 1 Criteria C

Group 2 Specific Phobia: Group 2 Criteria A AND Criteria B AND Group 2 Criteria C

Group 3 Specific Phobia: Group 3 Criteria A AND Criteria B AND Group 3 Criteria C

Group 4 Specific Phobia: Group 4 Criteria A AND Criteria B AND Group 4 Criteria C

Group 5 Specific Phobia: Group 5 Criteria A AND Criteria B AND Group 5 Criteria C

Group 6 Specific Phobia: Group 6 Criteria A AND Criteria B AND Group 6 Criteria C

ICD Specific Phobia: Group 1 Specific Phobia OR Group 2 Specific Phobia OR Group 3 Specific Phobia OR Group 4 Specific Phobia OR Group 5 Specific Phobia OR Group 6 Specific Phobia.

ICD Substance Abuse Disorders

ICD Alcohol Abuse

- A. There must be clear evidence that alcohol use was responsible for (or substantially contributed to) physical or psychological harm, including impaired judgement or dysfunctional behavior, which may lead to disability or have adverse consequences for interpersonal relationships.

SU12 is Yes(1) OR SU12a is Yes(1) OR SU12c is Yes(1) OR SU12d is Yes(1)

- B. The nature of the harm should be clearly identifiable (and specified).

Not operationalized

- C. The pattern of use has persisted for at least 1month or has occurred repeatedly within a 12-month period.

Not operationalized

- D. The disorder does not meet the criteria for any other mental or behavioral related to the same drug in the same time period (except for acute intoxication, F1x.0).

Not (Alcohol Dependence) OR
(Alcohol Harmful Use recency < Alcohol Dependence onset) OR
(Alcohol Harmful Use onset > Alcohol Dependence recency) OR
(Alcohol Harmful Use persistence > Alcohol Dependence persistence) .

ICD Alcohol Dependence

A. Part 1 AND Part 2.

Part 1. Three or more of the following manifestations should have occurred together.

1. a strong desire or sense of compulsion to take alcohol

SU19 is Yes(1)

2. impaired capacity to control alcohol-taking behavior in terms of its onset, termination, or levels of use, as evidenced by; alcohol being often taken in larger amounts or over a longer period than intended; or by a persistent desire or unsuccessful efforts to reduce or control alcohol use.

SU19d is Yes(1) OR SU19e is Yes(1) OR SU19f is Yes(1) OR SU19g is Yes(1) OR 3 <= SU32 < 998.

3. a physiological withdrawal state (see F1x.3 and F1x.4) when alcohol use is reduced or ceased, as evidenced by the characteristic withdrawal syndrome for alcohol, or by use of the same (or closely related) substance with the intention of relieving or avoiding withdrawal symptoms.

SU19b is Yes(1) OR SU19c is Yes(1)

4. evidence of tolerance to the effects of alcohol, such that there is a need for significantly increased amounts of alcohol to achieve intoxication or the desired effect, or a markedly diminished effect with continued use of the same amount of alcohol.

SU19a is Yes(1)

5. preoccupation with alcohol use, as manifested by alternative pleasures or interests being given up or reduced because of alcohol use, or a great deal of time being spent in activities necessary to obtain, take, or recover from the effects of alcohol.

SU19h is Yes(1) OR SU19i is Yes(1)

6. persistent alcohol use despite clear evidence of harmful consequences (see F1x.1), as evidenced by continued use when the individual is actually aware, or may be expected to be aware, of the nature and extent of the harm.

(SU12a is Yes(1) AND SU12b is Yes(1)) OR SU19j is Yes(1) OR (SU26 IN(1,2,3) AND SU38a is (1))

Part 2. Three or more of the following manifestations should have occurred together for at least 1 month, or if persisting for periods of less than 1 month, should have together repeatedly within a 12-month period.

Note: "occurred together for at least 1 month" not operationalized.

SU29 is Yes(1)

ICD Drug Abuse

- A. There must be clear evidence that the drug use was responsible for (or substantially contributed to) physical or psychological harm, including impaired judgement or dysfunctional behavior, which may lead to disability or have adverse consequences for interpersonal relationships.

SU65 is Yes(1) OR SU65a is Yes(1) OR SU65c is Yes(1) OR SU65d is Yes(1)

- B. The nature of the harm should be clearly identifiable (and specified).

Not operationalized

- C. The pattern of use has persisted for at least 1month or has occurred repeatedly within a 12-month period.

Not operationalized

- D. The disorder does not meet the criteria for any other mental or behavioral related to the same drug in the same time period (except for acute intoxication, F1x.0).

Drug Dependence persistence Not Operationalized

Drug Dependence recency can only be current age(SC1), so comparison with Drug Harmful Use onset Not Operationalized

Not (Drug Dependence) OR (Drug Harmful Use recency < Drug Dependence onset)

ICD Drug Dependence

A. Part 1 AND Part 2.

Part 1. Three or more of the following manifestations should have occurred:

1. a strong desire or sense of compulsion to take the drug.

SU72 is Yes(1)

2. impaired capacity to control drug-taking behavior in terms of its onset, termination, or levels of use, as evidenced by; the drug being often taken in larger amounts or over a longer period than intended; or by a persistent desire or unsuccessful efforts to reduce or control drug use.

SU72d is Yes(1) OR SU72e is Yes(1) OR SU72f is Yes(1)

3. a physiological withdrawal state (see F1x.3 and F1x.4) when drug use is reduced or ceased, as evidenced by the characteristic withdrawal syndrome for the drug, or by use of the same (or closely related) substance with the intention of relieving or avoiding withdrawal symptoms.

SU72b is Yes(1) OR SU72c is Yes(1)

4. evidence of tolerance to the effects of the drug, such that there is a need for significantly increased amounts of the drug to achieve intoxication or the desired effect, or a markedly diminished effect with continued use of the same amount of the drug.

SU72a is Yes(1)

5. preoccupation with drug use, as manifested by alternative pleasures or interests being given up or reduced because of drug use, or a great deal of time being spent in activities necessary to obtain, take, or recover from the effects of the drug.

SU72g is Yes(1) OR SU72h is Yes(1)

6. persistent drug use despite clear evidence of harmful consequences (see F1x.1), as evidenced by continued use when the individual is actually aware, or may be expected to be aware, of the nature and extent of the harm.

(SU65a is Yes(1) AND SU65b is Yes(1)) OR SU72i is Yes(1) OR
(SU79 IN(1,2,3) AND SU86a is (1))

Part 2. Three or more of the following manifestations should have occurred together for at least 1 month, or if persisting for periods of less than 1 month, should have occurred together repeatedly within a 12-month period.

Note: "occurred together for at least 1 month" not operationalized.

SU82 is Yes(1)

ICD Nicotine Dependence

A. Part 1 AND Part 2

Part 1. Three or more of the following manifestations should have occurred.

1. a strong desire or sense of compulsion to take nicotine

TB15 is Yes(1) OR TB32 is Yes(1) OR TB35 is Yes(1)

2. impaired capacity to control nicotine-taking behavior in terms of its onset, termination, or levels of use, as evidenced by; nicotine being often taken in larger amounts or over a longer period than intended; or by a persistent desire or unsuccessful efforts to reduce or control nicotine use.

TB15e is Yes(1) OR TB15f is Yes(1) OR TB15g is Yes(1) OR TB15h is Yes(1) OR $3 \leq TB36 < 998$

3. a physiological withdrawal state (see F1x.3 and F1x.4) when nicotine use is reduced or ceased, as evidenced by the characteristic withdrawal syndrome for nicotine, or by use of the same (or closely related) substance with the intention of relieving or avoiding withdrawal symptoms.

TB15b is Yes(1) OR TB15c is Yes(1) OR TB15d is Yes(1)

4. evidence of tolerance to the effects of nicotine, such that there is a need for significantly increased amounts of nicotine to achieve intoxication or the desired effect, or a markedly diminished effect with continued use of the same amount of nicotine.

TB15a is Yes(1)

5. preoccupation with nicotine use, as manifested by alternative pleasures or interests being given up or reduced because of nicotine use, or a great deal of time being spent in activities necessary to obtain, take, or recover from the effects of nicotine.

TB15h is Yes(1) OR TB15i is Yes(1)

6. persistent nicotine use despite clear evidence of harmful consequences (see F1x.1), as evidenced by continued use when the individual is actually aware, or may be expected to be aware, of the nature and extent of the harm.

(TB15j is Yes(1) AND TB15k is Yes(1)) OR (TB15l is Yes(1) AND TB15m is Yes(1))

Part 2. Three or more of the following manifestations should have occurred together for at least 1 month, or if persisting for periods of less than 1 month, should have occurred together repeatedly within a 12-month period.

Note: "occurred together for at least 1 month" not operationalized

TB25 is Yes(1)

ICD Impulse Disorders

ICD Anorexia Nervosa

- A. There is weight loss or, in children, a lack of weight gain, leading to a body weight at least 15% below the normal or expected weight for age and height.

EA2 < (0.85 * minimum weight for EA3)

- B. The weight loss is self-induced by avoidance of "fattening foods".

EA7 is Yes(1)

- C. Part 1 AND Part 2 AND Part 3

Part 1. There is self-perception of being too fat

EA10 is Yes(1) OR EA10b is Yes(1)

Part 2. An intrusive dread of fatness.

EA6 is Yes(1)

Part 3. A self-imposed low weight threshold.

Not operationalized

- D. A widespread endocrine disorder involving the hypothalamic-pituitary-gonadal axis is manifest in women as amenorrhoea and in men as a loss of sexual interest and potency. (An apparent exception is the persistence of vaginal bleeds in anorexic women who are on replacement hormonal therapy, most commonly taken as a contraceptive pill).

Not operationalized

- E. The disorder does not meet criteria A and B for bulimia nervosa(F50.2)

NOT (Bulimia Nervosa) OR

(Bulimia Nervosa recency < Anorexia onset) OR (Bulimia Nervosa onset > Anorexia recency) OR

(Bulimia Nervosa persistence > Anorexia persistence)

ICD Attention Deficit Disorder

A. (G1) At least six of the following symptoms of inattention have persisted for at least 6 months, to a degree that is maladaptive and inconsistent with the developmental level of the child:

1. often fails to give close attention to details, or makes careless errors schoolwork, work, other activities.

AD1b1 is (1,2)

2. often fails to sustain attention in tasks or play activities.

AD1e1a is (1,2)

3. often appears not to listen to what is being said to him or her.

AD1d1a is (1,2)

4. often fails to follow through on instructions or finish schoolwork, chores, or duties in the workplace (not because of oppositional behavior or failure to understand instructions).

AD1i1 is (1,2)

5. is often impaired in organizing tasks and activities.

AD1h1a is (1,2)

6. often avoids or strongly dislikes tasks, such as homework assignments that require sustained mental effort.

AD1g1a is (1,2)

7. often loses things necessary for certain tasks or activities, such as school assignments, pencils, books, toys, or tools.

AD1a1 is (1,2)

8. is often easily distracted by external stimuli.

AD1f 1a is (1,2)

9. is often forgetful in the course of daily activities.

AD1c1 is (1,2)

B. (G2) At least three of the following symptoms of hyperactivity have persisted for at least 6 months, to a degree that is maladaptive and inconsistent with the developmental level of the child:

1. often fidgets with hands or feet or squirms on seat.

AD30e1 is (1,2)

2. leaves seat in classroom or in other situations in which remaining seated is expected.

AD30f1a is (1,2)

3. often runs about or climbs excessively in situations in which it is inappropriate (in adolescents or adults, only feelings of restlessness may be present).

AD30a1 is (1,2) OR (AD30b1 is (1,2) AND recency > 12)

if AD33 is Yes, recency = AGE

else recency = AD33a

4. is often unduly noisy in playing or has difficulty in engaging quietly in leisure activities.

AD30d1 is (1,2)

5. exhibits a persistent pattern of excessive motor activities that is not substantially modified by social context or demands.

Not operationalized

C. (G3) At least one of the following symptoms of impulsivity have persisted for at least 6 months, to a degree that is maladaptive and inconsistent with the developmental level of the child:

1. often blurts out answers before questions have been completed.

AD30h1a is Yes(1,2)

2. often fails to wait in lines or await turns in games or group situations.

AD30k1 is Yes(1,2)

3. often interrupts or intrudes on others (e.g. butts into other's conversation or games).

AD30i1a is Yes(1,2) OR AD30j1a is Yes(1,2).

4. often talks excessively without appropriate response to social constraints.

AD30g1a is Yes(1,2)

- D. (G4) Onset of the disorder is no later than the age of 7 years(note: Criteria not required for final diagnosis).

AD3a <= 7 OR AD3b <= 7 OR AD32a <= 7 OR AD32b <= 7

- E. (G5) The criteria should be met for more than a single situation, e.g. the combination of inattention and hyperactivity should be present both at home and at school, or at both school and another setting where children are observed, such as a clinic.

1. school.

AD6a1 is (1,2) OR AD35a1 is (1,2)

2. home.

AD6b1 is (1,2) OR AD35b1 is (1,2)

3. work .

AD6c1 is (1,2) OR AD35c1 is (1,2)

4. personal relationships or social life.

AD6d1 is (1,2) OR AD35d1 is (1,2)

- F. (G6) The symptoms in G1-G3 cause clinically significant distress or impairment in social, academic, or occupational functioning(note: Criteria not required for final diagnosis).

AD14 is Yes(1) OR (at least 1 of AD48a-AD48d is between 4 and 10) OR (5 <= AD49 <= 365) OR AD43_1aa is Yes(1)

- G. (G7) The disorder does not meet the criteria for pervasive developmental disorders (F84.-), manic episode (F30.-), depressive episode(F32.-), or anxiety disorders(F41.-).

Not operationalized

ICD Bulimia Nervosa

- A. There are recurrent episodes of overeating (at least twice a week over a period of 3 months) in which large amounts of food are consumed in short periods of time.

EA16 is Yes(1)

- B. There is persistent preoccupation with eating, and a strong desire or a sense of compulsion to eat (craving).

EA17a is Yes(1) OR EA17b is Yes(1)

- C. Part 1 OR Part 2 OR Part 3 OR Part 4.

Part 1. The patient attempts to counteract the "fattening" effects of food by self-induced vomiting.

EA23c is Yes(1)

Part 2. The patient attempts to counteract the "fattening" effects of food by self-induced purging

EA23d is Yes(1)

Part 3. The patient attempts to counteract the "fattening" effects of food by alternating periods of starvation

EA23 is Yes(1) OR EA23a is Yes(1)

Part 4. The patient attempts to counteract the "fattening" effects of food by use of drugs such as appetite suppressants, thyroid preparations, or diuretics; when bulimia occurs in diabetic patients they may choose to neglect their insulin treatment.

EA23b is Yes(1)

- D. Part 1 AND Part 2

Part 1. There is self perception of being too fat.

Not operationalized

Part 2. An intrusive dread of fatness (usually leading to underweight)

EA17e is Yes(1)

ICD Conduct Disorder

- A. There is a repetitive and persistent pattern of behavior, in which either the basic rights of others or major age-appropriate societal norms or rules are violated lasting at least 6 months.

(1 ≤ CD10 < 998) OR (CD9a > CD7a) OR (CD9a > CD7b) OR (1 ≤ CD21 < 998) OR (CD20a > CD18b) OR (CD20a > CD18c)

Note: for CD9a,CD7b,CD7c,CD18b,CD18c,CD20a values of 998,999 are excluded from comparisons

B. Part 1 AND Part 2

Part 1. Three or more of the symptoms listed for F91 criterion G1 must be present, with at least three from items (9) – (23).

1. (9) often lies or breaks promises to obtain goods or favors or to avoid obligations

CD1a is Yes(1) OR CD1b is Yes(1)

2. (10) frequently initiates physical fights(this does not include fights with siblings).

CD16b is Yes(1)

3. (11) has used a weapon that can cause serious physical harm to others(e.g. bat, brick, broken bottle, knife, gun).

CD16c is Yes(1)

4. (12) often stays out after dark despite parental prohibitions (beginning before 13 years of age).

Note: "beginning before age 13 years" not operationalized

CD1h is Yes(1)

5. (13) exhibits physical cruelty to other people (e.g. tie up, cuts, or burns a victim).

CD16e is Yes(1)

6. (14) exhibits physical cruelty to animals.

CD16d is Yes(1)

7. (15) deliberately destroys the property of others (other than by fire-setting).

CD1g is Yes(1)

8. (16) deliberately sets fires with a risk or intention of causing serious damage.

CD1f is Yes(1)

9. (17) steals objects of non-trivial value without confronting the victim, either within the home or outside (e.g. shoplifting, burglary, or forgery).

CD1c is Yes(1) OR CD1d is Yes(1)

10. (18) is frequently truant from school, beginning before 13 years of age.

Note: "beginning before age 13 years" not operationalized
CD1i is Yes(1)

11. (19) has run away from parental or parental surrogate home at least twice or has run away once for more than a single night (this does not include leaving to avoid physical or sexual abuse).

CD1j is Yes(1) OR CD1k is Yes(1)

12. (20) commits a crime involving confrontation with the victim (including purse-snatching, extortion, mugging)

CD16f is Yes(1) OR CD16g is Yes(1)

13. (21) forces another person into sexual activity.

CD16h is Yes(1)

14. (22) frequently bullies others (e.g. deliberate infliction of pain or hurt, including persistent intimidation, tormenting, or molestation).

CD16 is Yes(1) OR CD16a is Yes(1)

15. (23) breaks into someone else's house, building or car.

CD1e is Yes(1)

Part 2. The disorder does not meet the criteria for dissocial personality disorder (F60.2), schizophrenia (F20.-), manic episode (F30.-), depressive episode (F32.-), pervasive developmental disorders (F84.-), or hyperkinetic disorder (F90.-). (If criteria for emotional disorder (F93.-) are met, (the diagnosis should be mixed disorder of conduct and emotions (F92.-)).

Note: Antisocial personality disorder, schizophrenia, pervasive developmental disorder not operationalized

((NOT(Mania) OR (CD recency < Mania onset) OR (CD onset > Mania recency) OR (CD persistence > Mania persistence)))

AND

(NOT(HypoMania) OR (CD recency < HypoMania onset) OR (CD onset > HypoMania recency) OR (CD persistence > HypoMania persistence))

AND

(NOT(Major Depression) OR (CD recency < Major Depression onset) OR (CD onset > Major Depression recency) OR (CD persistence > Major Depression persistence))

AND

(NOT(Moderate Depression) OR (CD recency < Moderate Depression onset) OR (CD onset > Moderate Depression recency) OR (CD persistence > Moderate Depression persistence))

AND

(NOT(Minor Depression) OR (CD recency < Minor Depression onset) OR (CD onset > Minor Depression recency) OR (CD persistence > Minor Depression persistence))

AND

(NOT(Hyperkinetic Disorder) OR (CD recency < Hyperkinetic Disorder onset) OR (CD onset > Hyperkinetic Disorder recency) OR (CD persistence > Hyperkinetic Disorder persistence)))

ICD Oppositional-Defiant Disorder

- A. There is a repetitive and persistent pattern of behavior, in which either the basic rights of others or major age-appropriate societal norms or rules are violated lasting at least 6 months.

At least 1 Yes(1) in OD1a-OD1k.

- B. Four or more of the symptoms listed for F91 criterion G1 must be present, but with no more than two symptoms from items (9)- (23):

1. has unusually frequent or severe temper tantrums for his or her developmental level.

OD1a is Yes(1)

2. often argues with adults.

OD1b is Yes(1)

3. often actively refuses adults' request or defies rules.

OD1c is Yes(1) OR OD1d is Yes(1)

4. often, apparently deliberately, does things that annoy other people.

OD1g is Yes(1)

5. often blames others for his or her own mistakes or misbehavior.

OD1h is Yes(1)

6. is often "touchy" or easily annoyed by others.

OD1j is Yes(1) OR OD1k is Yes(1)

7. is often angry or resentful.

OD1e is Yes(1) OR OD1f is Yes(1)

8. is often spiteful or vindictive.

OD1i is Yes(1)

9. often lies or breaks promises to obtain goods or favors or to avoid obligations

CD1a is Yes(1) OR CD1b is Yes(1)

10. frequently initiates physical fights(this does not include fights with siblings).

CD16b is Yes(1)

11. has used a weapon that can cause serious physical harm to others(e.g. bat, brick, broken bottle, knife, gun).

CD16c is Yes(1)

12. often stays out after dark despite parental prohibitions (beginning before 13 years of age).

CD1h is Yes(1)

13. exhibits physical cruelty to other people (e.g. tie up, cuts, or burns a victim).

CD16e is Yes(1)

14. exhibits physical cruelty to animals.

CD16d is Yes(1)

15. deliberately destroys the property of others (other than by fire-setting).

CD1g is Yes(1)

16. deliberately sets fires with a risk or intention of causing serious damage.

CD1f is Yes(1)

17. steals objects of non-trivial value without confronting the victim, either within the home or outside (e.g. shoplifting, burglary, or forgery).

CD1c is Yes(1) OR CD1d is Yes(1)

18. is frequently truant from school, beginning before 13 years of age.

CD1i is Yes(1)

19. has run away from parental or parental surrogate home at least twice or has run away once for more than a single night(this does not include leaving to avoid physical or sexual abuse).

CD1j is Yes(1) OR CD1k is Yes(1)

20. commits a crime involving confrontation with the victim(including purse-snatching, extortion, mugging)

CD16f is Yes(1) OR CD16g is Yes(1)

21. forces another person into sexual activity.

CD16h is Yes(1)

22. frequently bullies others (e.g. deliberate infliction of pain or hurt, including persistent intimidation, tormenting, or molestation.

CD16 is Yes(1) OR CD16a is Yes(1)

23. breaks into someone else's house, building or car.

CD1e is Yes(1)

C. The symptoms in criterion B must be maladaptive and inconsistent with the developmental level.

Not operationalized

D. At least four of the symptoms must have been present for at least 6 months.

Not operationalized