# Types of data and reverse coding instructions

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Note: These variables include all possible HiTOP variables within MIDUS. The refined scales are much smaller. This is intentional so researchers can modify scales to their liking. All items are reverse coded such that a higher value on the scale means a higher quantity of the trait. You may choose to reverse code differently for meaning (e.g., pain items having the opposite pattern to pleasure items, such that lower scores indicate more pain, and higher scores indicate more pleasure).

## Sex Variables

| **Variable** | **Scale** | **Range** | **Anchors (min → max)** | **Reverse** | **Notes** |
| --- | --- | --- | --- | --- | --- |
| Sex\_Current | Likert | 0 - 10 | 0 = the worst; 10 = the best | No |  |
| Sex\_Control | Likert | 0 - 10 | 0 = none; 10 = very much | No |  |
| Thought\_Effort\_Sex | Likert | 0 - 10 | 0 = none; 10 = very much | No | 10 is putting the most thought and effort into your sexual life so be careful with orientation. |
| Number\_Sex\_Partner | Likert | 0 - 6 | 0 = none; 6 = 6 or more | No |  |
| Sex\_Frequency | Likert | 1 - 6 | 1 = 2 or more times a week; 6 = never | **Yes** | The highest value is the lowest quantity of sex. |
| Sex\_Expression | Likert | 1 - 4 | 1 = a lot; 4 = not at all | **Yes** | The highest quantity is the lowest quantity of effort. |
| Sex\_Emotion\_Intimacy | Likert | 1 - 4 | 1 = a lot; 4 = not at all | **Yes** | The highest quantity is the lowest quantity of intimacy |
| Pleasure\_Sex | Likert | 1 - 4 | 1 = never; 4 = all of the time | No |  |
| Pain\_Sex | Likert | 1 - 4 | 1 = never; 4 = all of the time | No |  |

## Fear

| **Variable** | **Scale** | **Range** | **Anchors (min → max)** | **Reverse** | **Notes** |
| --- | --- | --- | --- | --- | --- |
| Worry\_Compare | Likert | 1 - 4 | 1 is more; 4 is I don’t worry at all | **Yes** | The highest value is the lowest quantity of worry. |
| Worry\_Amount | Likert | 1 - 3 | 1 is a lot more; 3 is a little | **Yes** | The highest value is the lowest frequency of worry. |
| Worry\_Frequency | Likert | 1 - 5 | 1 is everyday; 5 is less than half of the days | **Yes** | The highest value is the lowest quantity of sex. |
| How\_Long\_Worry | Likert | 1 - 4 | 1 is most of the day; 4 is less than half the day | **Yes** | The highest value is the lowest quantity of worry. |
| Worry\_Number | Binary | 1 - 2 | 1 is one thing; 2 is more than one thing | No |  |
| Diff\_Worries | Binary | 1 - 2 | 1 yes; 2 is no | **Yes** | The highest value is the lowest quantity of worry. |
| Worry\_Not\_Likely | Binary | 1 - 2 | 1 yes; 2 is no | **Yes** | The highest value is the lowest quantity of worry. |
| Worry\_Not\_Serious | Binary | 1 - 2 | 1 yes; 2 is no | **Yes** | The highest value is the lowest quantity of worry. |
| Cant\_Not\_Worry | Likert | 1 - 4 | 1 is often; 4 is never | **Yes** | The highest value is the lowest quantity of worry. |
| Cant\_Control\_Worry | Likert | 1 - 4 | 1 is often; 4 is never | **Yes** | The highest value is the lowest quantity of worry. |
| Restless\_Worry | Likert | 1 - 4 | 1 is most days; 4 is never | **Yes** | The highest value is the lowest quantity of worry. |
| Keyed\_Up | Likert | 1 - 4 | 1 is most days; 4 is never | **Yes** | The highest value is the lowest quantity of worry. |
| Irritable\_BC\_Worry | Likert | 1 - 4 | 1 is most days; 4 is never | **Yes** | The highest value is the lowest quantity of worry. |
| Trouble\_Falling\_Asleep | Likert | 1 - 4 | 1 is most days; 4 is never | **Yes** | The highest value is the lowest quantity of worry. |
| Trouble\_Staying\_Asleep | Likert | 1 - 4 | 1 is most days; 4 is never | **Yes** | The highest value is the lowest quantity of worry. |
| Trouble\_Concentrate | Likert | 1 - 4 | 1 is most days; 4 is never | **Yes** | The highest value is the lowest quantity of worry. |
| Trouble\_Remembering | Likert | 1 - 4 | 1 is most days; 4 is never | **Yes** | The highest value is the lowest quantity of worry. |
| Low\_On\_Energy | Likert | 1 - 4 | 1 is most days; 4 is never | **Yes** | The highest value is the lowest quantity of problems. |
| Tire\_Easily | Likert | 1 - 4 | 1 is most days; 4 is never | **Yes** | The highest value is the lowest quantity of fatigue. |
| Sore\_Muscle\_BC\_Worry | Likert | 1 - 4 | 1 is most days; 4 is never | **Yes** | The highest value is the lowest quantity of soreness. |
| Generalize\_Anxiety | Continuous | 1 - 10 | 0 is the lowest anxiety and 10 is highest anxiety. | No | The lowest value is truly the lowest. |
| Worry\_Interfere\_Life | Likert | 1 - 4 | 1 is a lot; 4 is not at all | **Yes** | The highest value is the lowest quantity of worry. |
| Spell\_Attack | Binary | 1 - 2 | 1 yes; 2 is no | **Yes** | The highest value is the lowest quantity of worry. |
| Attack\_No\_Reason | Binary | 1 - 2 | 1 yes; 2 is no | **Yes** | The highest value is the lowest quantity of worry. |
| Attack\_When\_Danger | Binary | 1 - 2 | 1 yes; 2 is no | **Yes** | The highest value is the lowest quantity of worry. |
| Heart\_Pound | Binary | 1 - 2 | 1 yes; 2 is no | **Yes** | The highest value is the lowest quantity of worry. |
| Tight\_Chest\_Attack | Binary | 1 - 2 | 1 yes; 2 is no | **Yes** | The highest value is the lowest quantity of worry. |
| Sweat\_Attack | Binary | 1 - 2 | 1 yes; 2 is no | **Yes** | The highest value is the lowest quantity of worry. |
| Tremble\_Shake\_Attack | Binary | 1 - 2 | 1 yes; 2 is no | **Yes** | The highest value is the lowest quantity of worry. |
| Hot\_Flashes\_Attack | Binary | 1 - 2 | 1 yes; 2 is no | **Yes** | The highest value is the lowest quantity of worry. |
| Things\_Unreal\_Attack | Binary | 1 - 2 | 1 yes; 2 is no | **Yes** | The highest value is the lowest quantity of worry. |
| Nervous\_Freq\_30\_Day | Likert | 1 - 5 | 1 is all of the time; 5 is none of the time | **Yes** | The highest value is the lowest quantity of nervousness. |
| Restless\_Freq\_30\_Day | Likert | 1 - 5 | 1 is all of the time; 5 is none of the time | **Yes** | The highest value is the lowest quantity of restlessness. |
| Afraid\_Freq\_30\_Day | Likert | 1 - 5 | 1 is all of the time; 5 is none of the time | **Yes** | The highest value is the lowest quantity of fear. |
| Jittery\_Freq\_30\_Day | Likert | 1 - 5 | 1 is all of the time; 5 is none of the time | **Yes** | The highest value is the lowest quantity of jitters. |
| Irritable\_Freq\_30\_Day | Likert | 1 - 5 | 1 is all of the time; 5 is none of the time | **Yes** | The highest value is the lowest quantity of irritability. |
| People\_Mean | Likert | 1 - 4 | 1 is true of you; 4 false | **Yes** | The highest value is the lowest quantity of people being mean to the person. |
| Upset\_Think\_Day | Likert | 1 - 4 | 1 is true of you; 4 false | **Yes** | The highest value is the lowest quantity of upset. |
| Minor\_Setback\_Irritate | Likert | 1 - 4 | 1 is true of you; 4 false | **Yes** | The highest value is the lowest quantity of irritation. |
| Frustrated\_Freq\_30\_Day | Likert | 1 - 5 | 1 is all of the time; 5 is none of the time | **Yes** | The highest value is the lowest quantity of frustration. |
| Upset\_Freq\_30\_Day | Likert | 1 - 5 | 1 is all of the time; 5 is none of the time | **Yes** | The highest value is the lowest quantity of upset. |

## Distress

| **Variable** | **Scale** | **Range** | **Anchors (min → max)** | **Reverse** | **Notes** |
| --- | --- | --- | --- | --- | --- |
| Positive\_About\_Self | Likert | 1 - 7 | 1 is agreed strongly; 7 is disagree strongly | **Yes** | The highest value is the lowest quantity of positivity. |
| Others\_More\_Life | Likert | 1 - 7 | 1 is agreed strongly; 7 disagrees strongly | **Yes** | The highest value is the lowest quantity agreement. |
| Activities\_Trivial | Likert | 1 - 7 | 1 is agree strongly; 7 is disagree strongly | **Yes** | The highest value is the lowest quantity agreement. |
| Disappoint\_Achievement | Likert | 1 - 7 | 1 is agree strongly; 7 is disagree strongly | **Yes** | The highest value is the lowest quantity agreement. |
| Gave\_Up | Likert | 1 - 7 | 1 is agree strongly; 7 is disagree strongly | **Yes** | The highest value is the lowest quantity agreement. |
| Self\_Attitude | Likert | 1 - 7 | 1 is agree strongly; 7 is disagree strongly | **Yes** | The highest value is the lowest quantity agreement. |
| Mood\_Up\_Down | Likert | 1 - 4 | 1 is true of you; 4 is false | **Yes** | The highest value is the lowest quantity agreement. |
| Exciting\_Look\_Forward | Likert | 1 - 4 | 1 is true of you; 4 is false | **Yes** | The highest value is the lowest quantity agreement. |
| Expect\_The\_Best | Likert | 1 - 5 | 1 is agree a lot; 5 is disagree a lot | **Yes** | The highest value is the lowest quantity agreement. |
| If\_Go\_Wrong\_It\_Will | Likert | 1 - 5 | 1 is agree a lot; 5 is disagree a lot | **Yes** | The highest value is the lowest quantity agreement. |
| Optimistic\_About\_Future | Likert | 1 - 5 | 1 is agree a lot; 5 is disagree a lot | **Yes** | The highest value is the lowest quantity agreement. |
| Hardly\_Expect\_Go\_My\_Way | Likert | 1 - 5 | 1 is agree a lot; 5 is disagree a lot | **Yes** | The highest value is the lowest quantity agreement. |
| Rarely\_Good\_Happen | Likert | 1 - 5 | 1 is agree a lot; 5 is disagree a lot | **Yes** | The highest value is the lowest quantity agreement. |
| Expect\_Good\_Not\_Bad | Likert | 1 - 5 | 1 is agree a lot; 5 is disagree a lot | **Yes** | The highest value is the lowest quantity agreement. |
| Depressed\_2\_Or\_More | Binary | 1 - 2 | 1 is yes; 2 is no | **Yes** | The highest value is the lowest quantity agreement. |
| Sad\_How\_Long | Likert | 1 - 4 | 1 is all day; 4 is less than half of the day | **Yes** | The highest value is the lowest quantity of sad. |
| How\_Often\_Sad | Likert | 1 - 3 | 1 is everyday; 3 is less often than that | **Yes** | The highest value is the lowest quantity of sa. |
| Lost\_Interest | Binary | 1 - 2 | 1 is yes; 2 is no | **Yes** | The highest value is the lowest quantity agreement. |
| Felt\_Tired | Binary | 1 - 2 | 1 is yes; 2 is no | **Yes** | The highest value is the lowest quantity agreement. |
| Increased\_Appetite | Binary | 1 - 2 | 1 is yes; 2 is no | **Yes** | The highest value is the lowest quantity agreement. |
| Decreased\_Appetite | Binary | 1 - 2 | 1 is yes; 2 is no | **Yes** | The highest value is the lowest quantity agreement. |
| Trouble\_Sleep | Binary | 1 - 2 | 1 is yes; 2 is no | **Yes** | The highest value is the lowest quantity agreement. |
| How\_Often\_Trouble\_Sleep | Likert | 1 - 3 | 1 is everyday; 3 is less often than that | **Yes** | The highest value is the lowest quantity of sleep trouble. |
| Trouble\_Concentrate | Binary | 1 - 2 | 1 is yes; 2 is no | **Yes** | The highest value is the lowest quantity agreement. |
| Felt\_Down | Binary | 1 - 2 | 1 is yes; 2 is no | **Yes** | The highest value is the lowest quantity agreement. |
| Thought\_Death | Binary | 1 - 2 | 1 is yes; 2 is no | **Yes** | The highest value is the lowest quantity agreement. |
| Depressed\_Affect | Continuous | 0 - 7 | 0 is the least depressed affect and 7 is the most | **No** | This item already has the highest value as the most depressed affect. This is a continuous composite of all of the depression items. |
| Time\_Lost\_Interest\_Anhedonia | Binary | 1 - 2 | 1 is yes; 2 is no | **Yes** | The highest value is the lowest quantity agreement. |
| How\_Long\_Lost\_Interest\_Anhedonia | Likert | 1 - 4 | 1 is all day; 4 is less than half of the day | **Yes** | The highest value is the lowest quantity. |
| How\_Often\_Felt\_Loss\_Anhedonia | Likert | 1 - 3 | 1 is everyday; 3 is less often than that | **Yes** | The highest value is the lowest quantity. |
| Felt\_Tired\_Anhedonia | Binary | 1 - 2 | 1 is yes; 2 is no | **Yes** | The highest value is the lowest quantity. |
| Lost\_Appetite\_Anhedonia | Binary | 1 - 2 | 1 is yes; 2 is no | **Yes** | The highest value is the lowest quantity agreement. |
| Increased\_Appetite\_Anhedonia | Binary | 1 - 2 | 1 is yes; 2 is no | **Yes** | The highest value is the lowest quantity agreement. |
| More\_Trouble\_Asleep\_Anhedonia | Binary | 1 - 2 | 1 is yes; 2 is no | **Yes** | The highest value is the lowest quantity agreement. |
| How\_Often\_Trouble\_Asleep\_Anhedonia | Likert | 1 - 3 | 1 is everyday; 3 is less often than that | **Yes** | The highest value is the lowest quantity. |
| Trouble\_Concentrate\_Anhedonia | Binary | 1 - 2 | 1 is yes; 2 is no | **Yes** | The highest value is the lowest quantity agreement. |
| Felt\_Down\_Anedonia | Binary | 1 - 2 | 1 is yes; 2 is no | **Yes** | The highest value is the lowest quantity agreement. |
| Thought\_Death\_Anhedonia | Binary | 1 - 2 | 1 is yes; 2 is no | **Yes** | The highest value is the lowest quantity agreement. |
| Anhedonia | Continuous | 0 - 6 | 0 is the least anhedonia, 6 is the most | **No** | This item already has the highest value as the most anhedonia. This is a continuous item averaging all anhedonia items. |
| Nothing\_Cheer | Likert | 1 - 5 | 1 is all of the time; 5 is none of the time | **Yes** | The highest value is the lowest quantity. |
| Hopeless\_Freq | Likert | 1 - 5 | 1 is all of the time; 5 is none of the time | **Yes** | The highest value is the lowest quantity. |
| Everything\_Effort | Likert | 1 - 5 | 1 is all of the time; 5 is none of the time | **Yes** | The highest value is the lowest quantity. |
| Worthless\_Freq | Likert | 1 - 5 | 1 is all of the time; 5 is none of the time | **Yes** | The highest value is the lowest quantity. |
| Irritable\_Freq | Likert | 1 - 5 | 1 is all of the time; 5 is none of the time | **Yes** | The highest value is the lowest quantity. |
| Ashamed\_Freq | Likert | 1 - 5 | 1 is all of the time; 5 is none of the time | **Yes** | The highest value is the lowest quantity. |
| More\_Or\_Less\_Negative | Likert | 1 - 7 | 1 is a lot more negative than usual; 7 is a lot less negative than usual | **Yes** | The highest value is the lowest quantity. |
| Mental\_Emotional | Likert | 1 - 5 | 1 is excellent; 5 is poor | **Yes** | The highest value is the lowest quantity. |

## Substance Use

| **Variable** | **Scale** | **Range** | **Anchors (min → max)** | **Reverse** | **Notes** |
| --- | --- | --- | --- | --- | --- |
| Sedatives | Binary | 1 - 2 | 1 is yes; 2 is no | **Yes** | Reverse, only because we want higher as more for interpretability. |
| Tranqualizers | Binary | 1 - 2 | 1 is yes; 2 is no | **Yes** | Reverse, only because we want higher as more for interpretability |
| Stimulants | Binary | 1 - 2 | 1 is yes; 2 is no | **Yes** | Reverse, only because we want higher as more for interpretability |
| Pain Killers | Binary | 1 - 2 | 1 is yes; 2 is no | **Yes** | Reverse, only because we want higher as more for interpretability |
| Depression\_Meds | Binary | 1 - 2 | 1 is yes; 2 is no | **Yes** | Reverse, only because we want higher as more for interpretability |
| Inhalants | Binary | 1 - 2 | 1 is yes; 2 is no | **Yes** | Reverse, only because we want higher as more for interpretability |
| Marijuana | Binary | 1 - 2 | 1 is yes; 2 is no | **Yes** | Reverse, only because we want higher as more for interpretability |
| Cocaine | Binary | 1 - 2 | 1 is yes; 2 is no | **Yes** | Reverse, only because we want higher as more for interpretability |
| LSD | Binary | 1 - 2 | 1 is yes; 2 is no | **Yes** | Reverse, only because we want higher as more for interpretability |
| Heroin | Binary | 1 - 2 | 1 is yes; 2 is no | **Yes** | Reverse, only because we want higher as more for interpretability |
| Substance\_More\_Intended | Likert | 1 - 6 | 1 is never; 6 is more than 20 times | No |  |
| Substance\_Impact\_Work | Likert | 1 - 6 | 1 is never; 6 is more than 20 times | No |  |
| Substance\_Increase\_Hurt | Binary | 1 - 2 | 1 is yes; 2 is no | **Yes** | Reverse, only because we want higher as more for interpretability |
| Emotional\_Problems\_Substance | Binary | 1 - 2 | 1 is yes; 2 is no | **Yes** | Reverse, only because we want higher as more for interpretability |
| Desire\_Substance | Binary | 1 - 2 | 1 is yes; 2 is no | **Yes** | Reverse, only because we want higher as more for interpretability |
| Month\_Or\_More\_Substance | Binary | 1 - 2 | 1 is yes; 2 is no | **Yes** | Reverse, only because we want higher as more for interpretability |
| Needed\_More\_Substance | Binary | 1 - 2 | 1 is yes; 2 is no | **Yes** | Reverse, only because we want higher as more for interpretability |
| Emotional\_Problems\_Drinking | Binary | 1 - 2 | 1 is yes; 2 is no | **Yes** | Reverse, only because we want higher as more for interpretability |
| Desire\_Drinking | Binary | 1 - 2 | 1 is yes; 2 is no | **Yes** | Reverse, only because we want higher as more for interpretability |
| Month\_Spent\_Drinking | Binary | 1 - 2 | 1 is yes; 2 is no | **Yes** | Reverse, only because we want higher as more for interpretability |
| Needed\_To\_Drink\_More | Binary | 1 - 2 | 1 is yes; 2 is no | **Yes** | Reverse, only because we want higher as more for interpretability |
| Alcohol\_More\_Thank\_Intended | Likert | 1 - 6 | 1 is never; 6 is more than 20 times | No |  |
| Alcohol\_Affected\_Work | Likert | 1 - 6 | 1 is never; 6 is more than 20 times | No |  |

## Disinhibition

| **Variable** | **Scale** | **Range** | **Anchors (min → max)** | **Reverse** | **Notes** |
| --- | --- | --- | --- | --- | --- |
| Life\_Day\_By\_Day | Likert | 1 - 7 | 1 is agree strongly; 7 is disagree strongly | **Yes** | The highest value is the lowest quantity. |
| Sense\_Of\_Direction | Likert | 1 - 7 | 1 is agree strongly; 7 is disagree strongly | **Yes** | The highest value is the lowest quantity. |
| No\_Good\_Sense | Likert | 1 - 7 | 1 is agree strongly; 7 is disagree strongly | **Yes** | The highest value is the lowest quantity. |
| Good\_Manage\_Responsibility | Likert | 1 - 7 | 1 is agree strongly; 7 is disagree strongly | **Yes** | The highest value is the lowest quantity. |
| Overwhelmed\_Responsibility | Likert | 1 - 7 | 1 is agree strongly; 7 is disagree strongly | **Yes** | The highest value is the lowest quantity. |
| Actively\_Carry\_Plans | Likert | 1 - 7 | 1 is agree strongly; 7 is disagree strongly | **Yes** | The highest value is the lowest quantity. |
| Some\_Wander\_Aimlessly | Likert | 1 - 7 | 1 is agree strongly; 7 is disagree strongly | **Yes** | The highest value is the lowest quantity. |
| Weigh\_Possibilities | Likert | 1 - 4 | 1 is true of you; 4 is false | **Yes** | The highest value is the lowest quantity. |
| Fun\_Earthquake | Likert | 1 - 4 | 1 is true of you; 4 is false | **Yes** | The highest value is the lowest quantity. |
| Like\_Think\_Over | Likert | 1 - 4 | 1 is true of you; 4 is false | **Yes** | The highest value is the lowest quantity. |
| Keep\_Work\_Problems | Likert | 1 - 4 | 1 is true of you; 4 is false | **Yes** | The highest value is the lowest quantity. |
| Like\_Difficult\_Things | Likert | 1 - 4 | 1 is true of you; 4 is false | **Yes** | The highest value is the lowest quantity. |
| Like\_Hard\_Work | Likert | 1 - 4 | 1 is true of you; 4 is false | **Yes** | The highest value is the lowest quantity. |
| Cautious\_Person | Likert | 1 - 4 | 1 is true of you; 4 is false | **Yes** | The highest value is the lowest quantity. |
| Fun\_Tight\_Rope | Likert | 1 - 4 | 1 is true of you; 4 is false | **Yes** | The highest value is the lowest quantity. |
| High\_Standards | Likert | 1 - 4 | 1 is true of you; 4 is false | **Yes** | The highest value is the lowest quantity. |
| Plan\_Future | Likert | 1 - 4 | 1 is true of you; 4 is false | **Yes** | The highest value is the lowest quantity. |
| Live\_Day\_By\_Day | Likert | 1 - 7 | 1 is agree strongly; 7 is disagree strongly | **Yes** | The highest value is the lowest quantity. |
| Enjoy\_Plans\_Future | Likert | 1 - 7 | 1 is agree strongly; 7 is disagree strongly | **Yes** | The highest value is the lowest quantity. |
| Difficult\_Arrange | Likert | 1 - 7 | 1 is agree strongly; 7 is disagree strongly | **Yes** | The highest value is the lowest quantity. |
| Will | Likert | 1 - 4 | 1 is a lot; 4 is not at all | **Yes** | The highest value is the lowest quantity. |
| Change\_For\_Better | Likert | 1 - 4 | 1 is a lot; 4 is not at all | **Yes** | The highest value is the lowest quantity. |
| Lower\_Expectations | Likert | 1 - 4 | 1 is a lot; 4 is not at all | **Yes** | The highest value is the lowest quantity. |
| Disappointment\_Low\_Goal | Likert | 1 - 4 | 1 is a lot; 4 is not at all | **Yes** | The highest value is the lowest quantity. |
| Relieved\_No\_Responsibility | Likert | 1 - 4 | 1 is a lot; 4 is not at all | **Yes** | The highest value is the lowest quantity. |
| Too\_Much\_Get\_Done | Likert | 1 - 4 | 1 is a lot; 4 is not at all | **Yes** | The highest value is the lowest quantity. |
| Dont\_Give\_Up | Likert | 1 - 4 | 1 is a lot; 4 is not at all | **Yes** | The highest value is the lowest quantity. |
| Rarely\_Give\_Up | Likert | 1 - 4 | 1 is a lot; 4 is not at all | **Yes** | The highest value is the lowest quantity. |
| Know\_Want\_Life | Likert | 1 - 4 | 1 is a lot; 4 is not at all | **Yes** | The highest value is the lowest quantity. |
| Live\_One\_Day | Likert | 1 - 4 | 1 is a lot; 4 is not at all | **Yes** | The highest value is the lowest quantity. |
| Helpful\_Set\_Future\_Goal | Likert | 1 - 4 | 1 is a lot; 4 is not at all | **Yes** | The highest value is the lowest quantity. |
| Too\_Many\_Things | Likert | 1 - 4 | 1 is a lot; 4 is not at all | **Yes** | The highest value is the lowest quantity. |
| Bad\_Happens\_Prevented | Likert | 1 - 4 | 1 is a lot; 4 is not at all | **Yes** | The highest value is the lowest quantity. |
| No\_Sense\_Planning | Likert | 1 - 4 | 1 is a lot; 4 is not at all | **Yes** | The highest value is the lowest quantity. |
| Goal\_Keep\_Benefits | Likert | 1 - 4 | 1 is a lot; 4 is not at all | **Yes** | The highest value is the lowest quantity. |
| Avoid\_Distraction | Likert | 1 - 4 | 1 is a lot; 4 is not at all | **Yes** | The highest value is the lowest quantity. |
| If\_No\_Goal\_Think\_Others | Likert | 1 - 4 | 1 is a lot; 4 is not at all | **Yes** | The highest value is the lowest quantity. |
| Rapids\_Or\_Waiting | Binary | 1 - 2 | 1 is more impulsive; 2 is less | **Yes** | The highest value is the lowest quantity. |
| Lions\_Or\_Circus | Binary | 1 - 2 | 1 is more impulsive; 2 is less | **Yes** | The highest value is the lowest quantity. |

## Antagonism

| **Variable** | **Scale** | **Range** | **Anchors (min → max)** | **Reverse** | **Notes** |
| --- | --- | --- | --- | --- | --- |
| Angry\_Freq | Likert | 1 - 5 | 1 is all of the time; 5 is none of the time | **Yes** | The highest value is the lowest quantity. |
| Frustrated\_Freq | Likert | 1 - 5 | 1 is all of the time; 5 is none of the time | **Yes** | The highest value is the lowest quantity. |
| Not\_Afraid\_Opinion | Likert | 1 - 7 | 1 is agree strongly; 7 is disagree strongly | **Yes** | The highest value is the lowest quantity. |
| Confidence\_If\_Contrary | Likert | 1 - 7 | 1 is agree strongly; 7 is disagree strongly | **Yes** | The highest value is the lowest quantity. |
| Difficult\_Voice\_Opinion | Likert | 1 - 7 | 1 is agree strongly; 7 is disagree strongly | **Yes** | The highest value is the lowest quantity. |
| Others\_Describe\_Giving | Likert | 1 - 7 | 1 is agree strongly; 7 is disagree strongly | **Yes** | The highest value is the lowest quantity. |
| Angry\_Ready\_Hit | Likert | 1 - 4 | 1 is true of you; 4 is false | **Yes** | The highest value is the lowest quantity. |
| Effective\_Talking\_People | Likert | 1 - 4 | 1 is true of you; 4 is false | **Yes** | The highest value is the lowest quantity. |
| Good\_Influence\_People | Likert | 1 - 4 | 1 is true of you; 4 is false | **Yes** | The highest value is the lowest quantity. |
| More\_Successful | Likert | 1 - 4 | 1 is true of you; 4 is false | **Yes** | The highest value is the lowest quantity. |
| Enjoy\_Hurting\_Say\_Mean | Likert | 1 - 4 | 1 is true of you; 4 is false | **Yes** | The highest value is the lowest quantity. |
| Should\_Obey\_Law | Likert | 1 - 4 | 1 is true of you; 4 is false | **Yes** | The highest value is the lowest quantity. |
| When\_Insult\_Get\_Even | Likert | 1 - 4 | 1 is true of you; 4 is false | **Yes** | The highest value is the lowest quantity. |
| Sometimes\_Just\_Hit\_Someone | Likert | 1 - 4 | 1 is true of you; 4 is false | **Yes** | The highest value is the lowest quantity. |
| Important\_Help | Likert | 1 - 7 | 1 is agree strongly; 7 is disagree strongly | **Yes** | The highest value is the lowest quantity. |
| Not\_Happy\_If\_Friend\_Trouble | Likert | 1 - 7 | 1 is agree strongly; 7 is disagree strongly | **Yes** | The highest value is the lowest quantity. |
| Moved\_By\_Other\_Hardship | Likert | 1 - 7 | 1 is agree strongly; 7 is disagree strongly | **Yes** | The highest value is the lowest quantity. |
| Important\_Sympathetic | Likert | 1 - 7 | 1 is agree strongly; 7 is disagree strongly | **Yes** | The highest value is the lowest quantity. |
| Sympathy\_Limits | Likert | 1 - 7 | 1 is agree strongly; 7 is disagree strongly | **Yes** | The highest value is the lowest quantity. |

## Detachment

| **Variable** | **Scale** | **Range** | **Anchors (min → max)** | **Reverse** | **Notes** |
| --- | --- | --- | --- | --- | --- |
| Maintaining\_Relationships\_Hard | Likert | 1 - 7 | 1 is agree strongly; 7 is disagree strongly | **Yes** | The highest value is the lowest quantity. |
| Influenced\_By\_People | Likert | 1 - 7 | 1 is agree strongly; 7 is disagree strongly | **Yes** | The highest value is the lowest quantity. |
| Dont\_Fit\_Community | Likert | 1 - 7 | 1 is agree strongly; 7 is disagree strongly | **Yes** | The highest value is the lowest quantity. |
| Few\_Close\_Friends | Likert | 1 - 7 | 1 is agree strongly; 7 is disagree strongly | **Yes** | The highest value is the lowest quantity. |
| Enjoy\_Convo | Likert | 1 - 7 | 1 is agree strongly; 7 is disagree strongly | **Yes** | The highest value is the lowest quantity. |
| Others\_Describe\_Giving | Likert | 1 - 7 | 1 is agree strongly; 7 is disagree strongly | **Yes** | The highest value is the lowest quantity. |
| No\_Warm\_Relationship | Likert | 1 - 7 | 1 is agree strongly; 7 is disagree strongly | **Yes** | The highest value is the lowest quantity. |
| Like\_Time\_Alone | Likert | 1 - 4 | 1 is true of you; 4 is false | **Yes** | The highest value is the lowest quantity. |
| Seek\_Friends | Likert | 1 - 4 | 1 is true of you; 4 is false | **Yes** | The highest value is the lowest quantity. |
| Social\_Others\_Lead | Likert | 1 - 4 | 1 is true of you; 4 is false | **Yes** | The highest value is the lowest quantity. |
| People\_Take\_Advantage | Likert | 1 - 4 | 1 is true of you; 4 is false | **Yes** | The highest value is the lowest quantity. |
| I\_Am\_Warm\_Person | Likert | 1 - 4 | 1 is true of you; 4 is false | **Yes** | The highest value is the lowest quantity. |
| Prefer\_No\_Others | Likert | 1 - 4 | 1 is true of you; 4 is false | **Yes** | The highest value is the lowest quantity. |
| Others\_Turn\_To\_Me | Likert | 1 - 4 | 1 is true of you; 4 is false | **Yes** | The highest value is the lowest quantity. |
| Dont\_Like\_Help | Likert | 1 - 4 | 1 is a lot; 4 is not at all | **Yes** | The highest value is the lowest quantity. |
| Asking\_Help\_Naturally | Likert | 1 - 4 | 1 is a lot; 4 is not at all | **Yes** | The highest value is the lowest quantity. |
| Dont\_Feel\_Community | Likert | 1 - 7 | 1 is agree strongly; 7 is disagree strongly | **Yes** | The highest value is the lowest quantity. |
| Feel\_Close\_Others | Likert | 1 - 7 | 1 is agree strongly; 7 is disagree strongly | **Yes** | The highest value is the lowest quantity. |
| Community\_Source\_Comfort | Likert | 1 - 7 | 1 is agree strongly; 7 is disagree strongly | **Yes** | The highest value is the lowest quantity. |
| People\_Kind | Likert | 1 - 7 | 1 is agree strongly; 7 is disagree strongly | **Yes** | The highest value is the lowest quantity. |
| Felt\_Close\_Others\_Freq | Likert | 1 - 5 | 1 is all of the time; 5 is none of the time | **Yes** | The highest value is the lowest quantity. |
| Felt\_Belong\_Freq | Likert | 1 - 5 | 1 is all of the time; 5 is none of the time | **Yes** | The highest value is the lowest quantity. |
| Trust\_Friends | Likert | 1 - 7 | 1 is agree strongly; 7 is disagree strongly | **Yes** | The highest value is the lowest quantity. |
| Most\_See\_Love | Likert | 1 - 7 | 1 is agree strongly; 7 is disagree strongly | **Yes** | The highest value is the lowest quantity. |
| Enthusiastic\_Freq | Likert | 1 - 5 | 1 is all of the time; 5 is none of the time | **Yes** | The highest value is the lowest quantity. |
| Full\_Of\_Life\_Freq | Likert | 1 - 5 | 1 is all of the time; 5 is none of the time | **Yes** | The highest value is the lowest quantity. |
| Extreme\_Happy\_Freq | Likert | 1 - 5 | 1 is all of the time; 5 is none of the time | **Yes** | The highest value is the lowest quantity. |
| Good\_Spirits\_Freq | Likert | 1 - 5 | 1 is all of the time; 5 is none of the time | **Yes** | The highest value is the lowest quantity. |
| Cheerful\_Freq | Likert | 1 - 5 | 1 is all of the time; 5 is none of the time | **Yes** | The highest value is the lowest quantity. |
| More\_Or\_Less\_Positive | Likert | 1 - 7 | 1 is a lot more than usual; 7 is a lot less than usual | **Yes** | The highest value is the lowest quantity. |
| Activities\_Trivial | Likert | 1 - 7 | 1 is agree strongly; 7 is disagree strongly | **Yes** | The highest value is the lowest quantity. |
| Lonely\_Frequency | Likert | 1 - 5 | 1 is all of the time; 5 is none of the time | **Yes** | The highest value is the lowest quantity. |

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## Somaticizing

| **Variable** | **Scale** | **Range** | **Anchors (min → max)** | **Reverse** | **Notes** |
| --- | --- | --- | --- | --- | --- |
| Aware\_Body | Likert | 1 - 4 | 1 is not at all true; 4 is extremely true | No |  |
| Loud\_Noise | Likert | 1 - 4 | 1 is not at all true; 4 is extremely true | No |  |
| Hate\_Temp | Likert | 1 - 4 | 1 is not at all true; 4 is extremely true | No |  |
| Quick\_Sense\_Hunger | Likert | 1 - 4 | 1 is not at all true; 4 is extremely true | No |  |
| Low\_Pain\_Tolerance | Likert | 1 - 4 | 1 is not at all true; 4 is extremely true | No |  |
| Headache\_Frequency | Likert | 1 - 6 | 1 is almost everyday; 6 is not at all | **Yes** | The highest value is the lowest quantity. |
| Backache\_Frequency | Likert | 1 - 6 | 1 is almost everyday; 6 is not at all | **Yes** | The highest value is the lowest quantity. |
| Sweat\_Frequency | Likert | 1 - 6 | 1 is almost everyday; 6 is not at all | **Yes** | The highest value is the lowest quantity. |
| Irritability\_Frequency | Likert | 1 - 6 | 1 is almost everyday; 6 is not at all | **Yes** | The highest value is the lowest quantity. |
| Hot\_Flashes | Likert | 1 - 6 | 1 is almost everyday; 6 is not at all | **Yes** | The highest value is the lowest quantity. |
| Aches\_Joints\_Stiffness\_Frequency | Likert | 1 - 6 | 1 is almost everyday; 6 is not at all | **Yes** | The highest value is the lowest quantity. |
| Falling\_Asleep | Likert | 1 - 6 | 1 is almost everyday; 6 is not at all | **Yes** | The highest value is the lowest quantity. |
| Leaking\_Urine | Likert | 1 - 6 | 1 is almost everyday; 6 is not at all | **Yes** | The highest value is the lowest quantity. |
| Intercourse\_Pain | Likert | 1 - 6 | 1 is almost everyday; 6 is not at all | **Yes** | The highest value is the lowest quantity. |
| Extremities\_Aches | Likert | 1 - 6 | 1 is almost everyday; 6 is not at all | **Yes** | The highest value is the lowest quantity. |

## BIG FIVE - MIDI

| **Variable** | **Scale** | **Range** | **Anchors (min → max)** | **Reverse** | **Notes** |
| --- | --- | --- | --- | --- | --- |
| Outgoing | Likert | 1 - 4 | 1 is a lot; 4 is not at all. | **Yes** | The highest value is the lowest quantity. |
| Helpful | Likert | 1 - 4 | 1 is a lot; 4 is not at all. | **Yes** | The highest value is the lowest quantity. |
| Moody | Likert | 1 - 4 | 1 is a lot; 4 is not at all. | **Yes** | The highest value is the lowest quantity. |
| Organized | Likert | 1 - 4 | 1 is a lot; 4 is not at all. | **Yes** | The highest value is the lowest quantity. |
| Self\_Confident | Likert | 1 - 4 | 1 is a lot; 4 is not at all. | **Yes** | The highest value is the lowest quantity. |
| Friendly | Likert | 1 - 4 | 1 is a lot; 4 is not at all. | **Yes** | The highest value is the lowest quantity. |
| Warm | Likert | 1 - 4 | 1 is a lot; 4 is not at all. | **Yes** | The highest value is the lowest quantity. |
| Worrying | Likert | 1 - 4 | 1 is a lot; 4 is not at all. | **Yes** | The highest value is the lowest quantity. |
| Responsible | Likert | 1 - 4 | 1 is a lot; 4 is not at all. | **Yes** | The highest value is the lowest quantity. |
| Forceful | Likert | 1 - 4 | 1 is a lot; 4 is not at all. | **Yes** | The highest value is the lowest quantity. |
| Lively | Likert | 1 - 4 | 1 is a lot; 4 is not at all. | **Yes** | The highest value is the lowest quantity. |
| Caring | Likert | 1 - 4 | 1 is a lot; 4 is not at all. | **Yes** | The highest value is the lowest quantity. |
| Nervous | Likert | 1 - 4 | 1 is a lot; 4 is not at all. | **Yes** | The highest value is the lowest quantity. |
| Creative | Likert | 1 - 4 | 1 is a lot; 4 is not at all. | **Yes** | The highest value is the lowest quantity. |
| Assertive | Likert | 1 - 4 | 1 is a lot; 4 is not at all. | **Yes** | The highest value is the lowest quantity. |
| Hardworking | Likert | 1 - 4 | 1 is a lot; 4 is not at all. | **Yes** | The highest value is the lowest quantity. |
| Imaginative | Likert | 1 - 4 | 1 is a lot; 4 is not at all. | **Yes** | The highest value is the lowest quantity. |
| softhearted | Likert | 1 - 4 | 1 is a lot; 4 is not at all. | **Yes** | The highest value is the lowest quantity. |
| Calm | Likert | 1 - 4 | 1 is a lot; 4 is not at all. | **Yes** | The highest value is the lowest quantity. |
| Outspoken | Likert | 1 - 4 | 1 is a lot; 4 is not at all. | **Yes** | The highest value is the lowest quantity. |
| Intelligent | Likert | 1 - 4 | 1 is a lot; 4 is not at all. | **Yes** | The highest value is the lowest quantity. |
| Curious | Likert | 1 - 4 | 1 is a lot; 4 is not at all. | **Yes** | The highest value is the lowest quantity. |
| Active | Likert | 1 - 4 | 1 is a lot; 4 is not at all. | **Yes** | The highest value is the lowest quantity. |
| Careless | Likert | 1 - 4 | 1 is a lot; 4 is not at all. | **Yes** | The highest value is the lowest quantity. |
| Broadminded | Likert | 1 - 4 | 1 is a lot; 4 is not at all. | **Yes** | The highest value is the lowest quantity. |
| Sympathetic | Likert | 1 - 4 | 1 is a lot; 4 is not at all. | **Yes** | The highest value is the lowest quantity. |
| Talkative | Likert | 1 - 4 | 1 is a lot; 4 is not at all. | **Yes** | The highest value is the lowest quantity. |
| Sophisticated | Likert | 1 - 4 | 1 is a lot; 4 is not at all. | **Yes** | The highest value is the lowest quantity. |
| Adventurous | Likert | 1 - 4 | 1 is a lot; 4 is not at all. | **Yes** | The highest value is the lowest quantity. |
| Dominant | Likert | 1 - 4 | 1 is a lot; 4 is not at all. | **Yes** | The highest value is the lowest quantity. |
| Agency | Likert | 1 - 4 | Continuous composite 1 - 4. | **Yes** | The highest value is the lowest quantity. |
| Agreeableness | Likert | 1 - 4 | Continuous composite 1 - 4. | **Yes** | The highest value is the lowest quantity. |
| Extraversion | Likert | 1 - 4 | Continuous composite 1 - 4. | **Yes** | The highest value is the lowest quantity. |
| Neuroticism | Likert | 1 - 4 | Continuous composite 1 - 4. | **Yes** | The highest value is the lowest quantity. |
| Conscientiousness | Likert | 1 - 4 | Continuous composite 1 - 4. | **Yes** | The highest value is the lowest quantity. |
| Thorough | Likert | 1 - 4 | 1 is a lot; 4 is not at all. | **Yes** | The highest value is the lowest quantity. |
| Consientiousness2 | Likert | 1 - 4 | Continuous composite 1 - 4. | **Yes** | The highest value is the lowest quantity. |
|  |  |  |  |  |  |