**Codebook variables**

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| **Variable** | **Description** | **Value labels/value type** |
| speedhappyT0 | Mean reaction time correct identification of happy facial emotions T0 |  |
| speedsadT0 | Mean reaction time correct identification of sad facial emotions T0 |  |
| speedangryT0 | Mean reaction time correct identification of angry facial emotions T0 |  |
| speedfearT0 | Mean reaction time correct identification of fearful facial emotions T0 |  |
| speedhappyT2 | Mean reaction time correct identification of happy facial emotions T2 |  |
| speedsadT2 | Mean reaction time correct identification of sad facial emotions T2 |  |
| speedangryT2 | Mean reaction time correct identification of angry facial emotions T2 |  |
| speedfearT2 | Mean reaction time correct identification of fearful facial emotions T2 |  |
| tothappyspeed | Mean(speedhappyT0, speedhappyT2) |  |
| totsadspeed | Mean(speedsadT0, speedsadT2) |  |
| totangryspeed | Mean(speedangryT0, speedangryT2) |  |
| totfearspeed | Mean(speedfearT0, speedfearT2) |  |
| totalspeed | Mean RT all emotions T0 and T2 |  |
| hapbiasT0 | Happy bias T0 (mean of speedsad, angry and fear divided by speedhappy) |  |
| rankhapbiasT0 | Rank hapbiasT0 |  |
| hapbiasT2 | Happy bias T0 (mean of speedsad, angry and fear divided by speedhappy) |  |
| rankhapbiasT2 | Rank hapbiasT2 |  |
| hapbiasc | Sum happy bias rank T0 and T2 (happy bias groups were selected based on this variable) |  |
| happybias | Low or high happy bias group (based on morph task T0 and T2), 25 individuals in the high and 25 in the low happy bias group | 1 = low happy bias group  2 = high happy bias group |
| Happybias\_20 | For sensitivity check: Low or high happy bias group (based on morph task T0 and T2), 20 individuals in the high and 20 in the low happy bias group | 1 = low happy bias group  2 = high happy bias group |
| happybias\_30 | For sensitivity check: Low or high happy bias group (based on morph task T0 and T2), 30 individuals in the high and 30 in the low happy bias group | 1 = low happy bias group  2 = high happy bias group |
| happybias\_35 | For sensitivity check: Low or high happy bias group (based on morph task T0 and T2), 35 individuals in the high and 35 in the low happy bias group | 1 = low happy bias group  2 = high happy bias group |
| happybias\_40 | For sensitivity check: Low or high happy bias group (based on morph task T0 and T2), 40 individuals in the high and 40 in the low happy bias group | 1 = low happy bias group  2 = high happy bias group |
| anhedoniastatus | Anhedoniastatus at T0 | 0 = control group  1 = anhedonia group  2 = pleasure level switched from that of control group (> 50th percentile) to that of anhedonia group (< 25th percentile) between T0 and T2 or vice versa, treated as missing |
| stable\_anhstatus | Similar to anhedoniastatus, but only gets a value if anhedoniastatus is stable between T0 and T2 (i.e., pleasure level remains below the 35th percentile for the anhedonia group and above the 40th percentile for the control group), otherwise treated as missing | 0 = control group  1 = anhedonia group  2 = instable pleasure level, treated as missing |
| t0gen2 | Gender | 1 = male  2 = female |
| t0agetrunc | Age at T0 (truncated) **Please note that for the descriptive statistics reported in our paper we used the continuous age variable, but for privacy purposes we only put the truncated variable on OSF. This means that the descriptive statistics for age based on the truncated variable can differ slightly from the descriptive statistics reported in the paper.** |  |
| t0edulev | Highest education so far | 1 = low (MBO and lower)  2 = moderate (havo and HBO)  3 = high (vwo and university) |
| t0gen12a | Level current education | 2-11 = VMBO, havo, vwo, MBO, special education  12 = HBO (higher vocational education) 13 = University 14 = Other, namely: |
| short\_ID / ID | ID number individual participants |  |
| **Momentary assessments, three times a day during 30 days** | | |
| Time | Timepoint momentary assessments (measure 1-90) |  |
| Day | Day momentary assessments (1-30) |  |
| day\_part | Part of the day momentary assessments | 1 = morning  2 = afternoon  3 = evening |
| morning | Dummies construed from the variable day\_part |  |
| afternoo |
| evening |
| INTraw | Since the last assessment I felt interested in the things around me | Visual Analogue scale from “Not at all” (0) to “Very much” (100) |
| JOYraw | Since the last assessment I felt joyful | Visual Analogue scale from “Not at all” to “Very much” |
| SADraw | Since the last assessment I felt sad | Visual Analogue scale from “Not at all” to “Very much” |
| IRRraw | Since the last assessment I felt irritated | Visual Analogue scale from “Not at all” to “Very much” |
| WORraw | Since the last assessment I have been worrying | Visual Analogue scale from “Not at all” to “Very much” |
| POSraw | Think about the most pleasant event you experienced since the last assessment: how pleasant was this experience? | Visual Analogue scale from “Not at all” to “Very much” |
| NEGraw | Think about the most unpleasant event you experienced since the last assessment: how unpleasant was this experience? | Visual Analogue scale from “Not at all” to “Very much” |
| INT | Since the last assessment I felt interested in the things around me, **detrended** variable | Visual Analogue scale from “Not at all” (0) to “Very much” (100) |
| JOY | Since the last assessment I felt joyful, **detrended** variable | Visual Analogue scale from “Not at all” to “Very much” |
| SAD | Since the last assessment I felt sad, **detrended** variable | Visual Analogue scale from “Not at all” to “Very much” |
| IRR | Since the last assessment I felt irritated, **detrended** variable | Visual Analogue scale from “Not at all” to “Very much” |
| WOR | Since the last assessment I have been worrying, **detrended** variable | Visual Analogue scale from “Not at all” to “Very much” |
| POS | Think about the most pleasant event you experienced since the last assessment: how pleasant was this experience? **detrended** variable | Visual Analogue scale from “Not at all” to “Very much” |
| NEG | Think about the most unpleasant event you experienced since the last assessment: how unpleasant was this experience? **detrended** variable | Visual Analogue scale from “Not at all” to “Very much” |
| ZINT | Within-person standardized INT |  |
| ZJOY | Within-person standardized JOY |  |
| ZSAD | Within-person standardized SAD |  |
| ZIRR | Within-person standardized IRR |  |
| ZWOR | Within-person standardized WOR |  |
| ZPOS | Within-person standardized POS |  |
| ZNEG | Within-person standardized NEG |  |
| **Variables construed based on output of mlVAR analyses on the momentary assessments (network analyses)** | | |
| INTAUT | Autocorrelation INT, based on subject-specific (random) effects mlVAR analyses |  |
| JOYAUT | Autocorrelation JOY, based on subject-specific (random) effects mlVAR analyses |  |
| SADAUT | Autocorrelation SAD, based on subject-specific (random) effects mlVAR analyses |  |
| IRRAUT | Autocorrelation IRR, based on subject-specific (random) effects mlVAR analyses |  |
| WORAUT | Autocorrelation WOR, based on subject-specific (random) effects mlVAR analyses |  |
| POSAUT | Autocorrelation POS, based on subject-specific (random) effects mlVAR analyses |  |
| NEGAUT | Autocorrelation NEG, based on subject-specific (random) effects mlVAR analyses |  |
| INT.InS | Instrength INT, based on subject-specific (random) effects mlVAR analyses |  |
| INT.Out | Outstrenth INT, based on subject-specific (random) effects mlVAR analyses |  |
| IRR.InS | Instrength IRR, based on subject-specific (random) effects mlVAR analyses |  |
| IRR.Out | Outstrenth IRR, based on subject-specific (random) effects mlVAR analyses |  |
| JOY.InS | Instrength JOY, based on subject-specific (random) effects mlVAR analyses |  |
| JOY.Out | Outstrenth JOY, based on subject-specific (random) effects mlVAR analyses |  |
| NEG.InS | Instrength NEG, based on subject-specific (random) effects mlVAR analyses |  |
| NEG.Out | Outstrength NEG, based on subject-specific (random) effects mlVAR analyses |  |
| POS.InS | Instrength POS, based on subject-specific (random) effects mlVAR analyses |  |
| POS.Out | Outstrenth POS, based on subject-specific (random) effects mlVAR analyses |  |
| SAD.InS | Instrength SAD, based on subject-specific (random) effects mlVAR analyses |  |
| SAD.Out | Outstrenth SAD, based on subject-specific (random) effects mlVAR analyses |  |
| WOR.InS | Instrength WOR, based on subject-specific (random) effects mlVAR analyses |  |
| WOR.Out | Outstrength WOR, based on subject-specific (random) effects mlVAR analyses |  |
| JOYinfl | Influence JOY (JOY. Out + JOYAUT) |  |
| POSinfl | Influence POS (POS. Out + POSAUT) |  |
| JOYPOSinf | Influence POS and JOY together (JOYinfl + POSinfl) |  |
| **Permutation tests** | | |
| group | In permutation tests to test difference between high and low happy bias group, group = happy bias group;  In permutation tests to test difference between anhedonia and control group, group = anhedonia/control group. | 1 = low happy bias group  2 = high happy bias group  1 = control group  2 = anhedonic group |
| All other variables used in the permutation tests are defined as described above |  |  |