

### Scoring key for the STCI-T<106i>

The experimental version of the STCI-T (with 106 items) measures three dimensions: trait-cheerfulness (CH), trait-seriousness (SE), and trait-bad mood (BM) and their definitional components CH1 to CH5, SE1 to SE6, and BM1 to BM5, respectively.

The four answer alternatives are coded as follows: "strongly disagree" = 1, "moderately disagree" = 2, "moderately agree" = 3, and "strongly agree" = 4. Negatively keyed items are signed by (-) and are coded oppositely: "strongly disagree" = 4, "moderately disagree" = 3, "moderately agree" = 2, and "strongly agree" = 1.

Below you find the formulas for the definitional components, which are followed by the formula for computing the scores of the respective dimension.

$$\begin{aligned} \text{CH1} &= 13 + 23 + 36 + 50 + 60 + 73 + 85 + 93 \\ \text{CH2} &= 10 + 25 + 39 + 46 + 56 \\ \text{CH3} &= 3 + 27 + 30 + 43 + 69 + 82 + 92 + 100 \\ \text{CH4} &= 5 + 16 + 32 + 51 + 62 + 66 + 78 + 89 \\ \text{CH5} &= 7 + 19 + 40 + 48 + 65 + 76 + 96 + 98 + 105 \end{aligned}$$

$$\text{CH} = \text{CH1} + \text{CH2} + \text{CH3} + \text{CH4} + \text{CH5}$$

$$\begin{aligned} \text{SE1} &= 2(-) + 12 + 20 + 45 + 71 + 88 \\ \text{SE2} &= 9 + 34 + 52 + 55 + 64 + 79 + 106 \\ \text{SE3} &= 6 + 24 + 28 + 41 + 68 + 81 + 95 \\ \text{SE4} &= 4 + 35 + 75 + 84 + 99 \\ \text{SE5} &= 15 + 31 + 72 + 86 + 91 + 103 \\ \text{SE6} &= 11 + 18 + 37 + 49 + 58 + 102 \end{aligned}$$

$$\text{SE} = \text{SE1} + \text{SE2} + \text{SE3} + \text{SE4} + \text{SE5} + \text{SE6}$$

$$\begin{aligned} \text{BM1} &= 1 + 54 + 61 + 70 + 87 + 94 \\ \text{BM2} &= 26 + 29 + 44 + 59 + 80 + 97 + 101 + 104 \\ \text{BM3} &= 22 + 38 + 57 + 83 + 90 \\ \text{BM4} &= 14 + 21 + 33 + 47 + 63 + 74 + 77 \\ \text{BM5} &= 8 + 17 + 42 + 53 + 67 \end{aligned}$$

$$\text{BM} = \text{BM1} + \text{BM2} + \text{BM3} + \text{BM4} + \text{BM5}$$

### Scoring key for the STCI-S<45i>

The experimental version of the STCI-S (with 45 items) measures three dimensions: state-cheerfulness (CH), state-seriousness (SE), and state-bad mood (BM).

The four answer alternatives are coded as follows: "strongly disagree" = 1, "moderately disagree" = 2, "moderately agree" = 3, and "strongly agree" = 4. Negatively poled items are signed by (-) and are coded oppositely: "strongly disagree" = 4, "moderately disagree" = 3, "moderately agree" = 2, and "strongly agree" = 1.

Below you find the formulas for computing the scores of the three dimensions.

$$\begin{aligned} \text{CH} &= 1 + 5 + 7 + 9 + 11 + 13 + 17 + 20 + 23 + 27 + 29(-) + 30 + 31 + 35 + 38 \\ \text{SE} &= 3 + 8 + 10 + 14 + 15 + 18 + 19 + 21 + 22 + 26 + 33 + 37 + 41 + 44 \\ \text{BM} &= 2 + 4 + 6 + 12 + 16 + 24 + 25 + 28 + 32 + 34 + 36 + 39 + 40 + 42 + 43 + 45 \end{aligned}$$