**Supplemental Methods I: variable transformation**

**Table 1: Variable transformation**

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| --- | --- |
| **DOMAIN I: Depression**  |  |
| Recurrent episodes, n (%) | Centered (no: -0.5, yes: 0.5) |
| Hopelessness, BHS, mean (S.D.) | Standardized |
| **DOMAIN II: Demographics**  |  |
| Female, n (%) | Centered (male: -0.5, female: 0.5) |
| Age, mean (S.D.) | Standardized |
| Partner, n (%)  | Centered (yes: -0.5, no: 0.5) |
| Education level  | Centered |
| --- | Low, n (%)Intermediate, n (%)High, n (%) | (low: -0.5,(intermediate:0,(high: 0.5) |
| Active employment, n (%) | Centered (yes: -0.5, no: 0.5) |
| Treatment expectancy, mean (S.D.)(0 = not successful - 10 = very successful) | Standardized |
| **DOMAIN III: Psychological distress**  |  |
| General psychological distress, BSI |  |
| ------- | Somatic complaints, mean (S.D.)Cognitive problems, mean (S.D.)Depression, mean (S.D.)Anxiety, mean (S.D.)Phobic Anxiety, mean (S.D.)Hostility, mean (S.D.)Paranoid Symptoms, mean (S.D.) | StandardizedStandardizedStandardizedStandardizedStandardizedStandardizedStandardized |
| Number of comorbid axis I disorders, SCID-I, mean (S.D.) | Mean-centered |
| Number of comorbid axis II disorders, SCID-II, mean (S.D.) | Mean-centered |
| Number of comorbid axis II traits, SCID-II, mean (S.D.) | Mean-centered |
| **DOMAIN IV: General functioning**  |  |
| Social and work functioning, WSAS, mean (S.D.) | Standardized |
| Level of impairment, RAND-36 |  |
| ----- | Physical functioning, mean (S.D.)Social functioning, mean (S.D.)Role limitations (physical problems)Role Limitations (emotional problems)General health perceptionPerceived health change during past year | StandardizedStandardizedStandardizedStandardizedStandardizedStandardized |
| **DOMAIN V: Psychological Processes** |  |
| Dysfunctional Beliefs, DAS, mean (S.D.) |  |
| -- | Factor 1Factor 2 | StandardizedStandardized |
| Interpersonal problems, IIP, mean (S.D.) | Standardized |
| Self Liking and Self Competence, SLSC-R, mean (S.D.) | Standardized |
| Rumination, RRS, mean (S.D.) | Standardized |
| Attributional Style, ASQ, mean (S.D.) | Standardized |
| **DOMAIN VI: Life and family history** |  |
| Number of life events past year, mean (S.D.) | Log transformation |
| Number of childhood trauma events, mean (S.D.) | Mean-centered |
| Parental: one or both parents |  |
| ----- | In treatment for illness, n (%)With an anxiety disorder, n (%)With depression, n (%)With alcohol abuse, n (%)With suicidality, n (%) | Centered (yes: -0.5, no: 0.5)Centered (yes: -0.5, no: 0.5)Centered (yes: -0.5, no: 0.5)Centered (yes: -0.5, no: 0.5)Centered (yes: -0.5, no: 0.5) |

BHS, Beck Hopelessness Scale; BSI, Brief Symptom Inventory; SCID-I, Structured Clinical Interview for DSM-IV Axis I disorders; SCID-II, Structured Clinical Interview for DSM-IV Axis II disorders; WSAS, Work and Social Adjustment Scale; DAS, Dysfunctional Attitudes Scale; IIP, Inventory of Interpersonal Problems; SLSC-R, Self Liking and Self Competence Scale Revised; RRS, Ruminative Response Scale; ASQ, Attributional Style Questionnaire