Supplementary table 1. Item loadings and the item and subscale level of the interview

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| --- | --- | --- | --- | --- | --- |
|  | Factor  loading | SOM+  Yes n (%)  (n=238) | SOM-  Yes n (%)  (n=253) | Total  Yes n (%)  (n=491) | *p* |
| **SSD criterion B1 cognitions** (7 items, Cronbach's α =.77) |  |  |  |  |  |
| **Total score** |  | 2.8±2.2 | 1.5±1.6 | 2.1±2.1 | **<.001** |
| 1. Do you think about bodily complaints most of the time during the day? **(Rumination)** | .81 | 85 (41.5) | 38 (18.3) | 123 (29.8) | **<.001** |
| 2. Is it hard for you to think about things other than bodily complaints? **(Lack of distraction)** | .63 | 51 (25.0) | 19 (9.1) | 70 (17.0) | **<.001** |
| 4. Do you expect serious consequences if your bodily complaints do not improve soon? **(Catastrophising of physical sensations)** | .87 | 113 (55.1) | 80 (38.5) | 193 (46.7) | **.001** |
| 7. If you start to think about pains and complaints, is it difficult to for you to stop these thoughts? **(Ruminations about physical complaints)** | .70 | 76 (37.3) | 37 (17.9) | 113 (27.5) | **<.001** |
| 8. If you experience bodily complaints or misperceptions, is your first thought that these are signs of serious illnesses (e.g., cancer, cardiac problems, diabetes)? **(Catastrophising of physical sensations)** | .78 | 93 (45.6) | 39 (18.8) | 132 (32.1) | **<.001** |
| 9. Are you firmly convinced that symptoms and pains are exclusively caused by physical conditions, even if doctors express other opinions? **(Somatic illness beliefs)** | .64 | 80 (39.2) | 44 (21.2) | 124 (30.1) | **<.001** |
| 17. Do you think it is unfair that you suffer from more illnesses than other people? **(Feelings of injustice)** | .64 | 70 (34.1) | 50 (24.0) | 120 (29.1) | **.024** |
| **SSD criterion B2 affects** (5 items, Cronbach's α =.81) |  |  |  |  |  |
| **Total score** |  | 2.6±1.8 | 1.6±1.6 | 2.1±1.8 | **<.001** |
| 5. Do you frequently worry about physical complaints and their possible causes and illness consequences? **(Worrying about physical complaints)** | .93 | 122 (59.5) | 80 (38.5) | 202 (48.9) | **<.001** |
| 6. Do you worry a lot about your health and possible illnesses? **(Illness worries)** | .85 | 127 (62.3) | 86 (41.3) | 213 (51.7) | **<.001** |
| 14. Do you frequently worry about your health? **(Health worries)** | .85 | 131 (64.2) | 83 (39.9) | 214 (51.9) | **<.001** |
| 15. Do your worry about suffering from a serious disease? **(Illness worries)** | .84 | 95 (46.6) | 53 (25.9) | 148 (36.2) | **<.001** |
| 16. Do you frequently despair because of physical complaints**? (Desperation because of symptoms)** | .76 | 57 (27.9) | 24 (11.5) | 81 (19.7) | **<.001** |
| **SSD criterion B3 behaviors** (6 items, Cronbach's α =.73) |  |  |  |  |  |
| **Total score** |  | 3.2±1.9 | 1.9±1.7 | 2.5±1.9 | **<.001** |
| 3. Do you frequently concentrate on bodily complaints to check whether they are changing? **(Bodily self-observation)** | .92 | 114 (55.6) | 71 (34.1) | 185 (44.8) | **<.001** |
| 10. Do you think that you are a very illness-vulnerable person who should try to avoid strain? **(Illness vulnerability)** | .68 | 110 (53.7) | 59 (28.4) | 169 (40.9) | **<.001** |
| 11. Do you think that you are so weak that you should avoid some or all everyday challenges**? (Negative self-concept of bodily weakness)** | .71 | 81 (39.5) | 40 (19.2) | 121 (29.3) | **<.001** |
| 12. Do you avoid any physical activities that could cause sweating or heart beat accelerations? **(Avoidance of physical activities that can provoke symptoms)** | .65 | 92 (44.9) | 61 (29.3) | 153 (37.0) | **.001** |
| 13. Do you try not to challenge some body parts because of bodily complaints? **(Disuse of body parts)** | .75 | 114 (55.6) | 60 (28.8) | 174 (42.1) | **<.001** |
| 18. In the case of physical complaints, do you prefer to visit doctors as quickly as possible to be sure about what kind of symptoms you have? **(inability to tolerate symptoms)** | .50 | 136 (66.7) | 112 (53.8) | 248 (60.2) | **.008** |

Note: p-value refers to non-parametric test for continuous variables with abnormal distribution and chi-square tests for categorical variables between the SOM+ and the SOM- sample, adjusted for the gender. SOM+: patients with multiple somatic symptoms (PHQ-15≥10); SOM-: patients without multiple somatic symptoms (PHQ-15<10); SSD: somatic symptoms disorders.