Table 1. Descriptive statistics of subscales items of CDQ

|  |  |  |
| --- | --- | --- |
| Subscales | Mean | S.D |
| Emotion (E) | 27.64 | 10.81 |
| Social (S) | 29.37 | 10.72 |
| Worries (W) | 27.11 | 10.38 |
| Gastrointestinal (GI) | 35.06 | 9.76 |
| Total Score | 119.18 | 34.00 |

|  |  |  |
| --- | --- | --- |
| Items | Cronbach’s alpha coefficient | Subscale |
| 7 | 0.92 | Emotional Issues |
| 7 | 0.89 | Social Problems |
| 7 | 0.73 | Disease-Related Worries |
| 7 | 0.78 | Gastrointestinal Symptoms |
| 28 | 0.90 | Whole Questionnaire |

Table 2. Internal Consistency of the CDQ

Table 3. Accepting or rejection questions according to factor analysis model for P-CDQ

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Factor Loading | Coefficient | t-value | type | Accept / Reject |
| Emotion subscale | Physically fatigued (Q2) | 0.65 | - | very desirable | Accept |
| Restless (Q3) | 0.78 | 5.97 | very desirable | Accept |
| Intellectually fatigued (Q6) | 0.69 | 5.36 | very desirable | Accept |
| Depressed (Q10) | 0.84 | 6.33 | very desirable | Accept |
| Relaxed (Q14) | 0.79 | 6.03 | very desirable | Accept |
| Tearful (Q16) | 0.78 | 5.90 | very desirable | Accept |
| Happy (Q21) | 0.85 | 6.26 | very desirable | Accept |
| Social subscale | Invitation/ dinner (Q4) | 0.59 | - | very desirable | Accept |
| Recreation/ Sport (Q9) | 0.70 | 4.67 | very desirable | Accept |
| Excluded from others (Q15) | 0.71 | 4.71 | very desirable | Accept |
| Sexual activity (Q18) | 0.67 | 4.04 | very desirable | Accept |
| (Q20) | 0.47 | 3.48 | very desirable | Accept |
| Lack of understanding colleagues (Q22) | 0.57 | 3.50 | very desirable | Accept |
| Professional career (Q23) | 0.74 | 4.64 | very desirable | Accept |
| Worries subscale | Inheritance to children (Q7) | 0.57 | - | very desirable | Accept |
| Afraid of getting cancer (Q12) | 0.78 | 4.68 | very desirable | Accept |
| Expenses /time gluten-free food (Q24) | 0.60 | 3.97 | very desirable | Accept |
| Problems with health insurance provider (Q25) | 0.55 | 3.69 | very desirable | Accept |
| Lack of expertise from doctors (Q26) | 0.20 | 1.52 | undesirable | Reject |
| Diagnosed too late (Q27) | 0.10 | 0.78 | undesirable | Reject |
| Fear of medical examinations (Q28) | 0.40 | 2.93 | very desirable | Accept |
| Gastrointestinal subscale | Sudden urge for bowel movement (Q1) | 0.51 | - | very desirable | Accept |
| Loose bowels (Q5) | 0.49 | 3.24 | very desirable | Accept |
| Abdominal cramps (Q8) | 0.78 | 4.18 | very desirable | Accept |
| Bloating (Q11) | 0.67 | 3.89 | very desirable | Accept |
| Incomplete bowel evacuation (Q13) | 0.69 | 3.95 | very desirable | Accept |
| Belching (Q17) | 0.59 | 3.58 | very desirable | Accept |
| Nausea (Q19) | 0.39 | 2.72 | very desirable | Accept |