

Psychometric Properties of the STAI-Y scales and Normative Data in an Italian Elderly Population [Aging Clinical and Experimental Research]

Ciro Rosario Ilardi^a, Nadia Gamboz^b, Alessandro Iavarone^{c*}, Sergio Chieffi^d, Maria Antonella Brandimonte^b

^aDepartment of Psychology, University of Campania “Luigi Vanvitelli”, Caserta, Italy

^bLaboratory of Experimental Psychology, Suor Orsola Benincasa University, Naples, Italy

^cNeurological Unit, CTO Hospital, AORN “Ospedali dei Colli”, Naples, Italy

^dDepartment of Experimental Medicine, University of Campania “Luigi Vanvitelli”, Naples, Italy

*Corresponding Author: Alessandro Iavarone

e-mail address: aleiavarone@gmail.com

ORCID: 0000-0002-9596-5811

Online Resource 1 Descriptive statistics, Spearman's correlation with total scores, and Pearson's corrected item-total correlation for each item

Items	Mean (SD)	Correlation with total score ^a	Item-total correlation
S-Anxiety scale			
1. I feel calm	1.79 (0.86)	0.45	0.50
2. I feel secure	1.74 (0.89)	0.51	0.63
3. I am tense	1.82 (0.97)	0.54	0.64
4. I feel strained	1.66 (0.93)	0.51	0.61
5. I feel at ease	1.83 (0.98)	0.59	0.68
6. I feel upset	1.68 (0.87)	0.52	0.63
7. I am presently worrying over possible misfortunes	1.69 (0.88)	0.47	0.55
8. I feel satisfied	1.80 (0.89)	0.52	0.60
9. I feel frightened	2.03 (1.14)	0.56	0.38
10. I feel comfortable	2.13 (1.11)	0.59	0.40
11. I feel self-confident	1.78 (0.92)	0.57	0.67
12. I feel nervous	2.24 (1.13)	0.65	0.51
13. I am jittery	2.17 (1.15)	0.19	0.16
14. I feel indecisive	2.16 (1.12)	0.67	0.54
15. I am relaxed	2.23 (1.13)	0.69	0.52
16. I feel content	1.68 (0.88)	0.46	0.60
17. I am worried	1.63 (0.85)	0.38	0.45
18. I feel confused	1.66 (0.90)	0.50	0.57
19. I feel steady	1.76 (0.86)	0.45	0.52
20. I feel pleasant	1.61 (0.84)	0.51	0.70
T-Anxiety scale			
1. I feel pleasant	1.78 (1.01)	0.43	0.51
2. I feel nervous and restless	1.96 (1.05)	0.63	0.63
3. I feel satisfied with myself	1.80 (1.03)	0.60	0.67
4. I wish I could be as happy as others seem to be	1.58 (0.82)	0.36	0.37
5. I feel like a failure	1.61 (0.93)	0.51	0.56
6. I feel rested	2.14 (1.11)	0.56	0.57
7. I am "calm, cool, and collected"	2.25 (1.13)	0.64	0.54
8. I feel that difficulties are piling up so that I cannot overcome them	1.91 (0.97)	0.64	0.69
9. I worry too much over something that really doesn't matter	1.73 (0.89)	0.35	0.39
10. I am happy	1.78 (0.86)	0.43	0.47
11. I have disturbing thoughts	1.92 (1.03)	0.63	0.69
12. I lack self-confidence	1.71 (0.87)	0.37	0.39
13. I feel secure	1.95 (1.04)	0.64	0.66
14. I make decisions easily	2.03 (1.15)	0.64	0.67
15. I feel inadequate	1.73 (1.12)	0.54	0.49
16. I am content	1.74 (0.88)	0.38	0.49
17. Some unimportant thought runs through my mind and bothers me	1.73 (0.85)	0.40	0.43
18. I take disappointments so keenly that I can't put them out of my mind	1.60 (0.88)	0.41	0.47
19. I am a steady person	1.69 (0.93)	0.42	0.49
20. I get in a state of tension or turmoil as I think over my recent concerns and interests	2.56 (1.13)	0.42	0.23

^a All correlation coefficients (r_{rho}) are significant for $p < .001$