

Table 15.7: Varimax rotation, principal component factors for standardized CESD: Scale items

Item	F_1	F_2	F_3	F_4	h_i^2
Negative affect					
1. I felt that I could not shake off the blues even with the help of my family or friends.	0.638	0.146	0.268	0.280	0.5784
2. I felt depressed.	0.773	0.296	0.272	-0.003	0.7598
3. I felt lonely.	0.726	0.054	0.275	0.052	0.6082
4. I had crying spells.	0.630	-0.061	0.168	0.430	0.6141
5. I felt sad.	0.797	0.172	0.160	0.016	0.6907
6. I felt fearful.	0.624	0.234	-0.018	0.031	0.4448
7. I thought my life had been a failure.	0.592	0.157	0.359	0.337	0.6173
Positive affect					
8. I felt that I was as good as other people.	0.093	-0.051	0.109	0.737	0.5655
9. I felt hopeful about the future.	0.238	0.033	0.621	0.105	0.4540
10. I was happy.	0.557	0.253	0.378	0.184	0.5516
11. I enjoyed life.	0.498	0.147	.407	0.146	0.4569
Somatic and retarded activity					
12. I was bothered by things that usually don't bother me.	0.449	0.389	-0.049	-0.065	0.3600
13. I did not feel like eating; my appetite was poor.	0.070	0.504	-0.173	0.535	0.5760
14. I felt that everything was an effort.	0.117	0.695	0.180	0.127	0.5459
15. My sleep was restless.	0.491	0.419	-0.123	-0.089	0.4396
16. I could not 'get going.'	0.196	0.672	0.263	-0.070	0.5646
17. I had trouble keeping my mind on what I was doing.	0.270	0.664	0.192	0.000	0.5508
18. I talked less than usual.	0.409	0.212	-0.026	0.223	0.2628
Interpersonal					
19. People were unfriendly.	-0.015	0.237	0.746	-0.088	0.6202
20. I felt that people disliked me.	0.358	0.091	0.506	0.429	0.5770
Variance explained	4.795	2.381	2.111	1.551	10.838
Percentage	21.0	11.9	10.6	7.8	54.2

Table 15.8: Summary of computer output for factor analysis

Output	S-PLUS	SAS	SPSS	STATA	STATISTICA
Matrix analyzed					
Correlation	factanal	FACTOR	FACTOR	factor	Factor Analysis
Covariance	factanal	FACTOR	FACTOR		Factor Analysis
Method of initial extraction					
Principal components	factanal	FACTOR	FACTOR	factor	Factor Analysis
Iterative principal factor	factanal	FACTOR	FACTOR	factor	Factor Analysis
Maximum likelihood	factanal	FACTOR	FACTOR	factor	Factor Analysis
Communality estimates					
Unaltered diagonal	factanal	FACTOR	FACTOR	factor	Factor Analysis
Multiple correlation squared		FACTOR	FACTOR	factor	Factor Analysis