

SF-36 (Health Status Survey) Scoring Procedure

Item	Entered Score	Health Score
SF_1	1	5.0
	2	4.4
	3	3.4
	4	2
	5	1
SF_2	1	SAME
	2	
	3	
	4	
	5	
SF_3a through SF_3j	1	SAME
	2	
	3	
SF_4a through SF_4d	1	SAME
	2	
SF_5a through SF_5c	1	SAME
	2	
SF_6	1	5
	2	4
	3	3
	4	2
	5	1
SF_7	1	6
	2	5.4
	3	4.2
	4	3.1
	5	2.2
	6	1
SF_8	1	If SF_7 = 1 then 6 If SF_7 > 1 then 5
	2	4
	3	3
	4	2
	5	1
	6	
SF_9a, SF_9d, SF_9e, SF_9h	1	6
	2	5
	3	4
	4	3
	5	2
	6	1
SF_9b, SF_9c, SF_9f, SF9g, SF_9i	1	SAME
	2	
	3	
	4	
	5	
	6	
SF_10	1	SAME
	2	

	3	
	4	
	5	
SF_11a, SF_11c	1	SAME
	2	
	3	
	4	
	5	
SF_11b, SF_11d	1	5
	2	4
	3	3
	4	2
	5	1

Using the health scores, we create 8 constructs:

Physical Functioning:

$$\{(SF_3a+SF_3b+SF_3c+SF_3d+SF_3e+SF_3f+SF_3g+SF_3h+SF_3i+SF_3j - 10)/20\} * 100$$

Role-Physical:

$$\{(SF_4a+SF_4b+SF_4c+SF_4d-4)/4\} * 100$$

Bodily Pain:

$$\{(SF_7+SF_8-2)/10\} * 100$$

General Health:

$$\{(SF_1+SF_11a+SF_11b+SF_11c+SF_11d-5)/20\} * 100$$

Vitality:

$$\{(SF_9a+SF_9e+SF_9g+SF_9i-4)/20\} * 100$$

Social Functioning:

$$\{(SF_6+SF_10-2)/8\} * 100$$

Role-Emotional:

$$\{(SF_5a+SF_5b+SF_5c-3)/3\} * 100$$

Mental Health:

$$\{(SF_9b+SF_9c+SF_9d+SF_9f+SF_9h-5)/25\} * 100$$

Missing Values:

If more than half are missing, then the construct is invalid.

If less than half are missing, substitute the average score from the completed items for the missing items and compute the construct.