

Table 1. The of absolute and relative frequency of demographic characteristics of the elderly participants (238 people)

Demographic variables	No.	%
Gender		
Male	92	38.7
Female	146	61.3
Residence		
Urban	123	51.7
Rural	115	48.3
Education		
Illiterate	150	63.0
Elementary/Secondary school	51	21.4
High School/Diploma	27	11.3
University	10	4.2
Marital status		
Single	3	1.3
Married	152	63.9
Divorced	3	1.3
Widow	80	33.6
Age group (year)		
60-74	172	72.3
75-89	50	21.0
> 90	16	6.7

Table 2. Statistical mean of SF-36 Questionnaire subscales

Subscales	Scores
Physical health dimension	
Physical functioning	60.24±27.97
Role impairment due to physical health	57.77±41.42
Physical pain	70.86±21.29
General health	24.81±10.29
Mental health dimension	
Social functioning	69.76±21.22
Mental health problems	62.96±13.90
Role impairment due to emotional reasons	63.69±41.75
Energy and vitality	56.49±12.84

Table 3. The mean of quality of life scores in Hamadan cities

City	Scores
Hamedan	60.84±14.40
Bahar	65.21±13.66
Malayer	58.24±17.82
Tuyserkan	50.87±15.98
Nahavand	61.07±17.05
Famenin	64.82±13.47
Razan	63.12±12.61
Kabudrahang	50.58±7.33
Asadabad	53.41±20.39

Table 4. Comparison of the mean scores of the subscales of physical health in terms of demographic variables

Demographic variables	Physical functioning	Role impairment due to physical health	Pain	General health
Gender				
Female	55.9±27.2	52.4±43.3	52.4±43.3	23.5±10.4
Male	66.9±27.9	66.6±35.5	66.6±35.5	27.9±15.3
P value	0.001	0.01	0.082	0.05
Age groups (year)				
60-74	63.5±27.9	57.7±42.7	70.6±21.8	25.1±10.2
75-89	53.5±25.2	55.5±39.1	70.3±19.6	22.5±10.2
>90	43.3±28.3	66.2±36.7	71.2±25.6	29.4±11.3
P value	0.004	0.659	0.985	0.04
Marital status				
Single	54.3±28.4	45.8±42.9	66.9±21.8	22.8±8.2
Married	63.5±27.3	64.5±39.2	73.7±23.1	26.8±10.3
P value	0.017	0.008	0.025	0.003
Residence				
Rural	59.3±24.4	60.6±39.2	72.5±21.7	25.1±10.8
Urban	61.1±31.0	55.5±43.1	69.1±21.1	23.6±10.9
P value	0.649	0.391	0.190	0.188
Education				
Illiterate	56.7±26.4±	53.8±40.9	70.2±21.4	24.1±9.4
Primary	65.4±29.2	59.2±44.0	73.1±20.0	25.8±23.7
High School/Diploma	65.5±60.4	70.1±38.2	66.6±22.9	23.8±9.8
University	82.721.2±	82.5±31.3	78.9±22.9	29.7±12.2
P value	0.012	0.062	0.435	0.443

Table 5. Comparison of the mean scores of the subscales of mental health in terms of demographic variables

Demographic variables	Social functioning	Mental problems	Role impairment due to emotional reasons	Energy and vitality
Gender				
Female	69.3±21.3	59.7±43.4	61.3±13.5	55.1±12.9
Male	70.3±21.4	70.6±37.3	65.2±12.2	57.4±12.4
P value	0.350	0.026	0.016	0.189
Age groups (year)				
60-74	71.9±20.9	62.7±42.2	62.4±12.9	55.6±11.9
75-89	64.2±22.2	64.3±42.7	63.5±14.8	54.1±13.4
>90	63.3±18.1	71.5±37.1	60.8±15.8	68.8±18.7
P value	0.036	0.746	0.727	0.004
Marital status				
Single	71.2±19.3	53.8±44.7	61.2±11.1	52.9±10.7
Married	68.3±22.9	69.1±39.3	64.8±13.0	58.3±13.7
P value	0.407	0.005	0.1	0.005
Residence				
Rural	70.9±20.7	58.4±42.4	60.1±15.3	57.9±14.3
Urban	68.6±21.9	68.7±40.63	62.1±10.4	55.6±10.7
P value	0.540	0.061	0.002	0.352
Education				
Illiterate	69.3±21.8	57.7±42.4	61.0±14.0	24.0±10.4
Primary	71.8±21.4	67.4±43.3	65.5±10.8	25.0±11.7
High School/Diploma	69.4±21.7	84.6±23.6	66.2±9.2	23.9±9.8
University	60.5±17.6	92.4±14.7	70.8±9.8	29.7±12.2
P value	0.537	0.001	0.007	0.206