

Table S1. Health-Related Quality of Life by gender, area of residence, and age category

Province	EQ-VAS scores Mean (SD)	Mean EQ-5D-3L utility scores																
		Total Mean (SD)	Rural Mean (SD)	Urban Mean (SD)	Female: Age category, years						Male: Age category, years							
					Mean (SD)						Mean (SD)							
					<30	30-39	40-49	50-59	60-69	>70	All years	>30	30-39	40-49	50-59	60-69	<70	All years
Alborz	76.0 (19.9)	0.91 (0.15)	0.89 (0.12)	0.91 (0.15)	0.94 (0.09)	0.95 (0.11)	0.91 (0.13)	0.87 (0.16)	0.84 (0.19)	0.76 (0.21)	0.90 (0.15)	0.96 (0.08)	0.94 (0.11)	0.96 (0.08)	0.92 (0.13)	0.89 (0.15)	0.79 (0.26)	0.92 (0.14)
Ardabil	73.4 (19.7)	0.86 (0.14)	0.88 (0.12)	0.85 (0.13)	0.90 (0.13)	0.86 (0.13)	0.84 (0.13)	0.81 (0.12)	0.80 (0.11)	0.78 (0.12)	0.84 (0.13)	0.91 (0.11)	0.89 (0.15)	0.91 (0.11)	0.87 (0.14)	0.86 (0.12)	0.82 (0.17)	0.89 (0.13)
Busher	74.1 (21)	0.86 (0.15)	0.85 (0.17)	0.87 (0.14)	0.92 (0.11)	0.89 (0.14)	0.85 (0.14)	0.80 (0.15)	0.74 (0.17)	0.67 (0.18)	0.84 (0.16)	0.93 (0.12)	0.91 (0.12)	0.88 (0.16)	0.89 (0.14)	0.88 (0.15)	0.85 (0.16)	0.89 (0.14)
Chaharmahal and Bakhtiari	69.4 (21.5)	0.85 (0.16)	0.85 (0.17)	0.84 (0.16)	0.91 (0.12)	0.88 (0.14)	0.83 (0.17)	0.79 (0.18)	0.76 (0.18)	0.66 (0.23)	0.82 (0.18)	0.94 (0.10)	0.90 (0.14)	0.90 (0.12)	0.84 (0.16)	0.86 (0.14)	0.82 (0.14)	0.88 (0.14)
East Azerbaijan	76.0 (19.9)	0.87 (0.16)	0.90 (0.14)	0.86 (0.16)	0.91 (0.13)	0.89 (0.12)	0.84 (0.16)	0.80 (0.16)	0.79 (0.17)	0.69 (0.25)	0.84 (0.17)	0.92 (0.11)	0.93 (0.13)	0.91 (0.13)	0.90 (0.12)	0.89 (0.17)	0.85 (0.16)	0.91 (0.13)
Fars	74.5 (20.2)	0.88 (0.14)	0.87 (0.13)	0.88 (0.14)	0.92 (0.11)	0.88 (0.14)	0.86 (0.14)	0.84 (0.14)	0.79 (0.16)	0.78 (0.17)	0.85 (0.15)	0.93 (0.11)	0.93 (0.10)	0.89 (0.13)	0.90 (0.11)	0.87 (0.14)	0.86 (0.13)	0.90 (0.12)
Gilan	71.4 (19.7)	0.88 (0.14)	0.88 (0.14)	0.87 (0.14)	0.94 (0.10)	0.90 (0.12)	0.87 (0.13)	0.84 (0.15)	0.80 (0.16)	0.76 (0.13)	0.86 (0.14)	0.93 (0.10)	0.94 (0.11)	0.93 (0.11)	0.90 (0.13)	0.91 (0.15)	0.87 (0.14)	0.91 (0.13)
Golestan	74.6 (20)	0.85 (0.14)	0.84 (0.14)	0.85 (0.13)	0.89 (0.11)	0.85 (0.12)	0.81 (0.13)	0.78 (0.14)	0.77 (0.15)	0.69 (0.14)	0.82 (0.14)	0.92 (0.11)	0.89 (0.13)	0.88 (0.12)	0.88 (0.14)	0.83 (0.13)	0.86 (0.19)	0.88 (0.13)
Hamadan	69.5 (23.1)	0.85 (0.15)	0.86 (0.14)	0.85 (0.15)	0.91 (0.11)	0.87 (0.13)	0.83 (0.14)	0.79 (0.17)	0.77 (0.15)	0.76 (0.16)	0.83 (0.15)	0.92 (0.11)	0.91 (0.13)	0.90 (0.12)	0.85 (0.15)	0.88 (0.13)	0.85 (0.15)	0.89 (0.13)
Hormozgan	75.9 (20.4)	0.87 (0.14)	0.87 (0.14)	0.88 (0.15)	0.91 (0.12)	0.87 (0.15)	0.85 (0.13)	0.82 (0.15)	0.78 (0.13)	0.64 (0.29)	0.86 (0.15)	0.92 (0.12)	0.91 (0.15)	0.91 (0.15)	0.86 (0.13)	0.83 (0.16)	0.77 (0.18)	0.90 (0.14)
Ilam	73.7 (20.6)	0.88 (0.15)	0.90 (0.15)	0.88 (0.15)	0.92 (0.11)	0.91 (0.12)	0.85 (0.13)	0.83 (0.15)	0.77 (0.23)	0.81 (0.17)	0.86 (0.16)	0.97 (0.07)	0.96 (0.09)	0.91 (0.12)	0.87 (0.14)	0.88 (0.17)	0.78 (0.10)	0.91 (0.14)
Isfahan	68.3 (22.4)	0.82 (0.16)	0.80 (0.18)	0.82 (0.16)	0.87 (0.14)	0.87 (0.12)	0.81 (0.14)	0.78 (0.14)	0.73 (0.14)	0.64 (0.25)	0.80 (0.17)	0.90 (0.12)	0.88 (0.13)	0.87 (0.13)	0.84 (0.15)	0.83 (0.14)	0.76 (0.19)	0.85 (0.15)
Kerman	70.6 (21)	0.84 (0.17)	0.85 (0.15)	0.84 (0.18)	0.87 (0.17)	0.84 (0.15)	0.83 (0.16)	0.78 (0.14)	0.72 (0.23)	0.73 (0.22)	0.81 (0.18)	0.94 (0.10)	0.88 (0.16)	0.89 (0.13)	0.84 (0.16)	0.83 (0.19)	0.80 (0.19)	0.88 (0.15)
Kermanshah	76.1 (16.2)	0.91 (0.13)	0.90 (0.13)	0.91 (0.14)	0.96 (0.08)	0.92 (0.12)	0.92 (0.13)	0.90 (0.15)	0.83 (0.16)	0.78 (0.23)	0.90 (0.15)	0.97 (0.10)	0.94 (0.09)	0.93 (0.10)	0.94 (0.11)	0.91 (0.14)	0.84 (0.14)	0.93 (0.12)

Province	EQ-VAS scores Mean (SD)	Mean EQ-5D-3L utility scores																
		Total Mean (SD)	Rural Mean (SD)	Urban Mean (SD)	Female: Age category, years						Male: Age category, years							
					Mean (SD)						Mean (SD)							
					<30	30-39	40-49	50-59	60-69	>70	All years	>30	30-39	40-49	50-59	60-69	<70	All years
Khuzestan	73.4 (20.9)	0.88 (0.14)	0.90 (0.13)	0.87 (0.15)	0.93 (0.11)	0.88 (0.13)	0.88 (0.13)	0.84 (0.17)	0.79 (0.17)	0.78 (0.22)	0.87 (0.15)	0.95 (0.09)	0.91 (0.13)	0.88 (0.14)	0.88 (0.13)	0.84 (0.16)	0.82 (0.15)	0.89 (0.13)
Kohgiluyeh and Boyer-Ahmad	70.2 (21.3)	0.85 (0.14)	0.85 (0.14)	0.85 (0.14)	0.89 (0.12)	0.84 (0.13)	0.81 (0.15)	0.76 (0.13)	0.77 (0.12)	0.59 (0.26)	0.82 (0.15)	0.93 (0.10)	0.89 (0.13)	0.87 (0.12)	0.88 (0.11)	0.81 (0.11)	0.77 (0.13)	0.88 (0.12)
Kurdistan	72.4 (20.1)	0.87 (0.14)	0.89 (0.14)	0.86 (0.14)	0.90 (0.12)	0.87 (0.13)	0.85 (0.14)	0.81 (0.14)	0.76 (0.16)	0.76 (0.15)	0.84 (0.14)	0.93 (0.12)	0.93 (0.10)	0.88 (0.12)	0.86 (0.11)	0.86 (0.16)	0.83 (0.16)	0.89 (0.13)
Lorestan	72.0 (20.2)	0.84 (0.15)	0.84 (0.15)	0.84 (0.16)	0.90 (0.12)	0.86 (0.14)	0.82 (0.15)	0.77 (0.16)	0.74 (0.16)	0.70 (0.15)	0.81 (0.16)	0.93 (0.10)	0.89 (0.13)	0.88 (0.13)	0.87 (0.15)	0.83 (0.15)	0.85 (0.18)	0.88 (0.14)
Markazi	73.5 (20)	0.88 (0.14)	0.88 (0.15)	0.88 (0.14)	0.93 (0.10)	0.90 (0.13)	0.85 (0.15)	0.84 (0.14)	0.82 (0.15)	0.77 (0.20)	0.85 (0.15)	0.95 (0.10)	0.95 (0.10)	0.94 (0.10)	0.92 (0.11)	0.90 (0.13)	0.84 (0.17)	0.92 (0.12)
Mazandaran	68.0 (19.7)	0.85 (0.16)	0.83 (0.16)	0.86 (0.16)	0.92 (0.11)	0.84 (0.15)	0.85 (0.16)	0.80 (0.15)	0.80 (0.18)	0.71 (0.20)	0.83 (0.16)	0.93 (0.10)	0.89 (0.14)	0.89 (0.12)	0.87 (0.14)	0.85 (0.16)	0.80 (0.21)	0.87 (0.15)
North Khorasan	69.0 (24.3)	0.80 (0.17)	0.78 (0.19)	0.82 (0.16)	0.85 (0.14)	0.79 (0.15)	0.77 (0.19)	0.71 (0.21)	0.70 (0.16)	0.65 (0.20)	0.77 (0.18)	0.88 (0.12)	0.87 (0.13)	0.86 (0.13)	0.80 (0.19)	0.78 (0.21)	0.78 (0.20)	0.84 (0.16)
Qazvin	73.0 (21.6)	0.85 (0.15)	0.87 (0.14)	0.84 (0.16)	0.89 (0.10)	0.86 (0.13)	0.80 (0.15)	0.80 (0.13)	0.69 (0.24)	0.76 (0.22)	0.82 (0.16)	0.92 (0.11)	0.92 (0.10)	0.89 (0.12)	0.87 (0.14)	0.88 (0.19)	0.82 (0.13)	0.89 (0.13)
Qom	72.1 (19.3)	0.86 (0.16)	0.85 (0.17)	0.86 (0.16)	0.91 (0.12)	0.88 (0.13)	0.87 (0.13)	0.81 (0.15)	0.75 (0.17)	0.73 (0.20)	0.84 (0.16)	0.93 (0.13)	0.90 (0.14)	0.93 (0.11)	0.88 (0.14)	0.84 (0.16)	0.78 (0.23)	0.89 (0.15)
Razavi Khorasan	72.9 (20.5)	0.86 (0.15)	0.85 (0.15)	0.86 (0.15)	0.89 (0.12)	0.86 (0.13)	0.83 (0.14)	0.82 (0.15)	0.73 (0.17)	0.69 (0.20)	0.82 (0.16)	0.92 (0.11)	0.91 (0.12)	0.89 (0.13)	0.90 (0.12)	0.84 (0.18)	0.82 (0.15)	0.89 (0.13)
Semnan	72.6 (18.9)	0.86 (0.15)	0.86 (0.14)	0.86 (0.15)	0.92 (0.11)	0.90 (0.12)	0.88 (0.11)	0.80 (0.15)	0.82 (0.12)	0.70 (0.20)	0.84 (0.15)	0.89 (0.13)	0.91 (0.12)	0.93 (0.11)	0.89 (0.13)	0.86 (0.15)	0.79 (0.19)	0.88 (0.14)
Sistan and Baluchestan	74.0 (19.5)	0.86 (0.15)	0.90 (0.14)	0.83 (0.16)	0.90 (0.13)	0.87 (0.14)	0.82 (0.16)	0.78 (0.15)	0.73 (0.20)	0.74 (0.17)	0.84 (0.16)	0.95 (0.10)	0.91 (0.12)	0.89 (0.13)	0.84 (0.15)	0.84 (0.14)	0.76 (0.23)	0.89 (0.14)
South Khorasan	71.6 (20.4)	0.84 (0.17)	0.81 (0.19)	0.86 (0.14)	0.88 (0.13)	0.87 (0.13)	0.80 (0.18)	0.77 (0.14)	0.73 (0.17)	0.75 (0.16)	0.82 (0.16)	0.94 (0.10)	0.88 (0.13)	0.84 (0.18)	0.86 (0.17)	0.85 (0.17)	0.71 (0.28)	0.87 (0.17)
Tehran	74.3 (18.5)	0.90 (0.14)	0.86 (0.16)	0.90 (0.13)	0.94 (0.10)	0.91 (0.11)	0.89 (0.14)	0.85 (0.15)	0.85 (0.16)	0.78 (0.21)	0.88 (0.14)	0.95 (0.09)	0.94 (0.12)	0.93 (0.12)	0.92 (0.12)	0.91 (0.13)	0.87 (0.16)	0.92 (0.12)
West Azerbaijan	74.7 (19.6)	0.88 (0.14)	0.90 (0.13)	0.88 (0.14)	0.91 (0.12)	0.85 (0.14)	0.82 (0.15)	0.84 (0.13)	0.83 (0.16)	0.77 (0.20)	0.85 (0.15)	0.95 (0.09)	0.93 (0.10)	0.92 (0.11)	0.92 (0.13)	0.93 (0.11)	0.91 (0.14)	0.93 (0.11)
Yazd	72.8 (19.6)	0.86 (0.16)	0.84 (0.18)	0.86 (0.15)	0.90 (0.12)	0.90 (0.12)	0.88 (0.14)	0.81 (0.15)	0.75 (0.18)	0.64 (0.20)	0.82 (0.18)	0.94 (0.11)	0.92 (0.11)	0.91 (0.11)	0.87 (0.13)	0.90 (0.13)	0.83 (0.15)	0.90 (0.13)
Zanjan	75.4 (21.8)	0.91 (0.12)	0.90 (0.12)	0.92 (0.12)	0.94 (0.09)	0.93 (0.11)	0.90 (0.11)	0.89 (0.13)	0.84 (0.16)	0.81 (0.16)	0.90 (0.13)	0.98 (0.07)	0.95 (0.08)	0.93 (0.10)	0.91 (0.13)	0.92 (0.13)	0.87 (0.18)	0.93 (0.12)

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		Total Mean (SD)	Rural Mean (SD)	Urban Mean (SD)	Female: Age category, years						Male: Age category, years							
					Mean (SD)						Mean (SD)							
					<30	30-39	40-49	50-59	60-69	>70	All years	>30	30-39	40-49	50-59	60-69	<70	All years
Total	72.9 (20.4)	0.87 (0.15)	0.86 (0.15)	0.87 (0.15)	0.91 (0.12)	0.88 (0.13)	0.85 (0.15)	0.81 (0.15)	0.78 (0.17)	0.73 (0.20)	0.84 (0.20)	0.93 (0.11)	0.91 (0.12)	0.90 (0.12)	0.88 (0.14)	0.87 (0.15)	0.83 (0.18)	0.90 (0.14)