

Factors	N	Median S1 (Q1,Q3)	Test (p value)	Median S2 (Q1,Q3)	Test (p value)	Median S3 (Q1,Q3)	Test (p value)	Median S4 (Q1,Q3)	Test (p value)
Gender	370		13728 ^a		14306 ^a		13950 ^a		14400 ^a
Male	243	2.6 (2.2,3.0)	(0.32)	3.0 (2.8,3.4)	(0.24)	2.8 (2.0,3.2)	(0.33)	3.0 (2.8,3.6)	(0.053)
Female	127	2.6 (2.2,3.0)		3.0 (2.6,3.2)		2.8 (2.0,3.0)		3.0 (2.8,3.2)	
Age	358	2.6 (2.2,3.0)	-0.07 ^b (0.19)	3.0 (2.8,3.3)	-0.07 ^b (0.21)	2.8 (2.0,3.0)	-0.26 ^b (<0.001) ^{***}	3.0 (2.8,3.4)	-0.07 ^b (0.21)
Education level	360		10616 ^a		9424 ^a		10616 ^a		13055 ^a
High school or below	235	2.6 (2.2,3.0)	(0.01) ^{**}	3.0 (2.6,3.2)	(<0.001) ^{***}	2.6 (2.0,3.0)	(0.013) [*]	3.0 (2.8,3.4)	(0.63)
Bachelor's degree or college education	125	2.8 (2.4,3.0)		3.0 (3.0,3.4)		3.0 (2.4,3.4)		3.0 (2.8,3.4)	
Employment status	371		2.24 ^c		4.09 ^c		20.58 ^c		8.80 ^c
Employed	90	2.6 (2.2,3.0)	(0.69)	3.0 (2.8,3.4)	(0.39)	3.0 (2.6,3.4)	(<0.001) ^{***}	3.0 (2.8,3.4)	(0.07)
Unemployed	42	2.6 (2.4,3.0)		3.0 (2.7,3.6)		2.8 (2.3,3.0)		3.4 (3.0,3.8)	
Student	4	2.7 (1.8,3.5)		3.3 (3.0,3.7)		3.5 (3.3,3.7)		3.5 (2.9,3.8)	
Retired	207	2.6 (2.2,3.0)		3.0 (2.8,3.2)		2.6 (2.0,3.0)		3.0 (2.8,3.4)	
Others	28	2.5 (2.0,2.8)		3.0 (2.6,3.4)		2.5 (2.0,3.0)		3.2 (2.8,3.5)	
Living area	364		0.75 ^c		4.33 ^c		2.30 ^c		1.89 ^c
City centre	88	2.6 (2.2,3.0)	(0.69)	3.0 (2.8,3.4)	(0.11)	3.0 (2.1,3.4)	(0.32)	3.0 (2.8,3.6)	(0.39)
Suburban area	98	2.8 (2.2,3.0)		3.0 (2.6,3.2)		2.8 (2.0,3.0)		3.0 (2.8,3.4)	
Countryside	178	2.6 (2.2,3.0)		3.0 (2.8,3.4)		2.8 (2.0,3.0)		3.0 (2.8,3.4)	
Living alone	363		12050 ^a		11434 ^a		11539 ^a		10160 ^a
Lives with someone	274	2.6 (2.2,3.0)	(0.005) ^{**}	3.0 (2.8,3.4)	(0.12)	2.8 (2.2,3.2)	(0.06)	3.0 (2.8,3.4)	(0.9)
Lives alone	89	2.4 (2.0,2.8)		3.0 (2.6,3.2)		2.5 (2.0,3.0)		3.0 (2.8,3.4)	
Treatment modality	352		4.27 ^c		2.22 ^c		8.13 ^c		1.08 ^c
CKD	94	2.8 (2.3,3.0)	(0.51)	3.0 (2.8,3.4)	(0.53)	3.0 (2.4,3.2)	(0.04)	3.0 (2.8,3.4)	(0.78)
Autonomous dialysis	70	2.4 (2.2,3.0)		3.0 (2.8,3.2)		2.6 (2.0,3.0)		3.0 (2.8,3.6)	
In-centre dialysis	84	2.6 (2.0,3.0)		3.0 (2.8,3.4)		2.6 (2.0,3.0)		3.0 (2.8,3.4)	
Kidney transplantation	104	2.6 (2.2,3.0)		3.0 (2.8,3.4)		3.0 (2.3,3.2)		3.0 (2.8,3.4)	
Transplantation status	293		0.90 ^c		5.80 ^c		8.64 ^c		1.49 ^c
Transplanted	105	2.6 (2.2,3.0)	(0.49)	3.0 (2.8,3.4)	(0.33)	3.0 (2.4,3.2)	(0.12)	3.0 (2.8,3.4)	(0.91)
Registered on the list	50	2.6 (2.4,3.0)		3.0 (2.8,3.4)		2.8 (2.2,3.0)		3.2 (2.8,3.6)	
Transplantation assessment	22	2.4 (2.0,2.8)		3.0 (2.8,3.4)		2.6 (2.0,3.0)		3.1 (2.7,3.3)	
Temporary contraindication	12	2.4 (2.0,3.0)		3.2 (2.9,3.3)		2.4 (1.8,3.1)		3.0 (2.8,3.6)	
Not registered on the list	80	2.6 (2.0,3.0)		3.0 (2.6,3.2)		2.6 (2.2,3.2)		3.0 (2.8,3.4)	
Does not feel concerned about transplantation	24	2.4 (1.9,3.0)		3.2 (2.7,3.4)		2.4 (1.5,2.7)		3.0 (2.8,3.4)	

Factors	N	Median S5 (Q1,Q3)	Test (p value)	Median S6 (Q1,Q3)	Test (p value)	Median S7 (Q1,Q3)	Test (p value)
Gender	370		15403 ^a		14475 ^a		13188 ^a
Male	243	2.8 (2.6,3.2)	(<0.001) ^{***}	2.8 (2.5,3.2)	(0.03) [*]	3.0 (2.5,3.0)	(0.1)
Female	127	2.8 (2.4,3.0)		2.8 (2.4,3.0)		2.8 (2.2,3.0)	
Age		2.8 (2.5,3.0)	0.08 ^b (0.16)	2.8 (2.5,3.2)	-0.08 ^b (0.17)	2.8 (2.3,3.0)	-0.10 ^b (0.09)
Education level	360		12154 ^a		12003 ^a		10558
High school or below	235	2.8 (2.6,3.0)	(0.9)	2.8 (2.5,3.0)	(0.58)	2.8 (2.2,3.0)	(0.14)
Bachelor's degree or college education	125	2.8 (2.4,3.2)		2.8 (2.5,3.2)		3.0 (2.5,3.0)	
Employment status	371		9.47 ^c		6.08 ^c		7.10 ^c
Employed	90	2.8 (2.4,3.0)	(0.05) [*]	2.8 (2.5,3.0)	(0.19)	3.0 (2.5,3.0)	(0.13)
Unemployed	42	3.0 (2.6,3.2)		3.0 (2.7,3.3)		3.0 (2.5,3.2)	
Student	4	3.0 (2.4,3.5)		3.4 (3.0,3.6)		3.0 (2.6,3.4)	
Retired	207	2.8 (2.6,3.0)		2.8 (2.5,3.0)		2.8 (2.2,3.0)	
Others	28	2.8 (2.2,3.0)		2.7 (2.4,3.0)		2.5 (2.0,3.0)	
Living area	364		0.34 ^c		0.18 ^c		0.50 ^c
City centre	88	2.8 (2.4,3.0)	(0.84)	2.8 (2.5,3.2)	(0.92)	3.0 (2.2,3.0)	(0.78)
Suburban area	98	2.8 (2.6,3.0)		2.8 (2.5,3.0)		2.8 (2.2,3.0)	
Countryside	178	2.8 (2.6,3.0)		2.8 (2.5,3.2)		2.8 (2.5,3.0)	
Living alone	363		10438 ^a		10864 ^a		10238 ^a
Lives with someone	274	2.8 (2.6,3.0)	(0.25)	2.8 (2.5,3.2)	(0.19)	3.0 (2.5,3.0)	(0.20)
Lives alone	89	2.8 (2.4,3.0)		2.7 (2.5,3.0)		2.8 (2.2,3.0)	
Treatment modality	352		1.07 ^c		2.66 ^c		2.74 ^c
CKD	94	2.8 (2.6,3.0)	(0.78)	3.0 (2.6,3.2)	(0.45)	3.0 (2.5,3.0)	(0.43)
Autonomous dialysis	70	2.8 (2.4,3.0)		2.8 (2.5,3.0)		2.8 (2.5,3.0)	
In-centre dialysis	84	2.8 (2.6,3.0)		2.8 (2.3,3.0)		2.8 (2.2,3.0)	
Kidney transplantation	104	2.8 (2.4,3.0)		2.8 (2.5,3.1)		3.0 (2.6,3.2)	
Transplantation status	293		5.53 ^c		3.54 ^c		4.96 ^c
Transplanted	105	2.8 (2.4,3.0)	(0.35)	2.8 (2.5,3.2)	(0.62)	3.0 (2.5,3.0)	(0.42)
Registered on the list	50	3.0 (2.7,3.2)		2.8 (2.4,3.2)		2.8 (2.5,3.0)	
Transplantation assessment	22	2.8 (2.4,2.8)		2.7 (2.5,3.0)		2.7 (2.2,3.0)	
Temporary contraindication	12	2.8 (2.4,3.1)		2.7 (2.4,3.0)		2.6 (2.3,3.2)	
Not registered on the list	80	2.8 (2.4,3.0)		2.8 (2.3,3.2)		2.8 (2.2,3.0)	
Does not feel concerned about transplantation	24	2.8 (2.6,3.0)		2.8 (2.2,3.0)		2.8 (2.3,3.0)	

^a Mann–Whitney U test

^b Spearman's correlational coefficient (rho)

^c Kruskal–Wallis test

* p value ≤ 0.05 , ** p value ≤ 0.01 , *** p value ≤ 0.001

Table SUP6. Comparison of eHLQ scores for scales 1 to 7 among covariates