

Supplemental Table 5: Comparison of the mean scores of caregivers' psychosocial burden, health burden and coping ability in relation to groups of clinical status of Children with SCD

Parameters	n (%)	Psychological burdens						
		Hospital factors*	Family/ social life factors*	Disease factors*	SCD- affected children's life factor*	Financial factors*	Health burden*	Coping ability*
Admission in the last 1 year								
Yes	137 (61.2)	123.09	114.15	123.24	114.97	124.2	113.11	116.1
No	87 (38.8)	95.82	109.9	95.59	108.61	94.07	111.53	106.83
		(0.000)	(0.631)	(0.002)	(0.47)	(0.001)	(0.857)	(0.293)
Freq of admission								
≤ 1	174 (77.7)	104.49	107.89	109.93	107.07	106.01	109.46	109.66
≥ 2	50 (22.3)	140.36	128.56	121.44	131.4	135.1	123.09	122.38
		(0.000)	(0.046)	(0.267)	(0.018)	(0.005)	(0.184)	(0.218)
Pain in the last 1 year								
Yes	178 (79.5)	115.79*	114.82*	115.20*	113.57*	118.39*	117.71*	115.28*
No	46 (20.5)	99.76	103.53	102.07	108.36	89.71	92.36	101.74
		(0.068)	(0.291)	(0.215)	(0.626)	(0.007)	(0.017)	(0.203)
Frequency of pain crisis								
≤ 1	110 (49.1)	101.79	105.59	109.41	95.58	103.91	108.48	107.77
≥ 2	114 (50.9)	122.83	119.17	115.48	128.82	120.79	116.38	117.06
		(0.003)	(0.116)	(0.482)	(0.000)	(0.05)	(0.355)	(0.28)

* Mean rank (*p-value*)

Supplementary Table 6: Comparison of the mean scores of caregivers' psychosocial burden, health burden and coping ability in relation to groups of clinical status of Children with SCD

Parameters	n (%)	Psychological burdens						
		Hospital factors*	Family/ social life factors*	Disease factors*	SCD- affected children's life factor*	Financial factors*	Health burden*	Coping ability*
Blood transfusion in the last 1 year								
Yes	74 (33.0)	131.2	115.14	122.1	122.71	132.48	118.28	121.25
No	150 (67.0)	103.27	111.2	107.76	107.46	102.64	109.65	108.18
		(0.000)	(0.668)	(0.118)	(0.094)	(0.001)	(0.342)	(0.153)
Frequency of blood transfusion								
≤ 1	205 (91.5)	109.78	111.05	109.86	110.91	108.84	110.54	110.18
≥ 2	19 (8.5)	141.84	128.13	141.03	129.68	151.95	133.61	137.58
		(0.012)	(0.27)	(0.044)	(0.222)	(0.005)	(0.133)	(0.076)
Hydroxyurea usage								
Yes	66 (29.5)	117.8	116.71	114.13	140.78	115.25	120.77	109.89
No	158 (70.5)	110.29	110.74	111.82	100.69	111.35	109.05	113.59
		(0.335)	(0.528)	(0.807)	(0.000)	(0.679)	(0.212)	(0.695)
Cost of Hydroxyurea								
< 3000	52 (78.8)	32.39	31.79	32.9	32.91	32.34	30.77	31.83
≥3000	14 (21.2)	37.61	39.86	35.71	35.68	37.82	43.64	39.71
		(0.279)	(0.162)	(0.625)	(0.63)	(0.338)	(0.025)	(0.168)

* Mean rank (p-value)