

**Supplementary Table 3: Comparison of the mean scores of psychosocial burdens, health burden and coping ability in relation to caregivers' family setting and characteristics**

Parameters	n (%)	Psychological burdens						
		Hospital factors	Family/ social factors*	Disease factors*	SCD- affected life factor*	Financial factors*	Health burden*	Coping ability
<b>Marital status</b>								
Married	186 (83.0)	111.57	101.06	109.32	111.31	109.77	109.05	109.12
Single/separated/divorced	31 (13.8)	118.16	179.53	132.1	122.61	131.39	138.56	133.63
Widowed	7 (3.1)	112.07	119.71	110.21	99.43	101.43	88.79	108.79
		(0.815)	(0.000)	(0.191)	(0.57)	(0.2)	(0.036)	(0.143)
<b>Family setting</b>								
Monogamy	159 (71)	112.08	101.39	108.96	107.75	105.1	108.07	109.72
Polygamy	34 (15.2)	109.32	103.35	111.21	125.49	129.88	109.47	106.25
Single/Separated/Divorced	31 (13.8)	118.16	179.53	132.1	122.61	131.39	138.56	133.63
		(0.786)	(0.000)	(0.188)	(0.22)	(0.027)	(0.05)	(0.138)
<b>Family size</b>								
≤ 3	155 (69.2)	112.08	116.15	115.71	109.57	105.87	115.02	118.34
> 3	69 (30.8)	113.44	104.31	105.3	119.08	127.38	106.84	99.38
		(0.86)	(0.206)	(0.266)	(0.306)	(0.021)	(0.377)	(0.042)
<b>No of SCD Children per family</b>								
One	183 (81.7)	109.5	104.5	105.96	109.82	104.94	106.4	107.28
≥ 2	41 (18.3)	125.88	148.21	141.7	124.48	146.23	139.74	135.82
		(0.075)	(0.000)	(0.001)	(0.186)	(0.000)	(0.003)	(0.01)

\*Mean rank (*p-value*)