

Table 3: The association between socio-demographic characteristics and the post-stroke cognitive impairment among Lebanese stroke survivors.

	3 months post stroke			6 months post stroke			12 months post stroke		
	No cognitive impairment	Cognitive impairment	p-value	No cognitive impairment	Cognitive impairment	p-value	No cognitive impairment	Cognitive impairment	p-value
Gender									
Male	22 (71.0)	53 (57.6)	NS	39 (60.9)	34 (60.7)	NS	43 (58.9)	27 (61.4)	NS
Female	9 (29.0)	39 (42.4)		25 (39.1)	22 (39.3)		30 (41.1)	17 (38.6)	
Age									
40 - 49 years	4 (12.9)	3 (3.2)	0.028*	6 (9.4)	1 (1.8)	0.029*	7 (9.6)	0 (0.0)	0.020*
50 - 59 years	6 (19.4)	8 (8.5)		9 (14.1)	5 (8.9)		11 (15.1)	2 (4.7)	
60 - 69 years	9 (29.0)	19 (20.2)		18 (28.1)	10 (17.9)		17 (23.3)	9 (20.9)	
70 - 79 years	8 (25.8)	28 (30.4)		19 (29.7)	17 (30.4)		22 (30.1)	14 (31.8)	
80 - 89 years	4 (12.9)	33 (35.9)		11 (17.2)	23 (41.1)		15 (44.1)	19 (43.2)	
90 - 99 years	0 (0.0)	1 (1.1)		1 (1.6)	0 (0.0)		1 (1.4)	0 (0.0)	
Education Level									
Illiterate or Primary/Complementary	16 (51.6)	66 (71.7)	0.049	33 (51.6)	46 (82.1)	<0.001	40 (54.8)	37 (84.1)	0.001
Secondary or University	15 (48.4)	26 (28.3)		31 (48.4)	10 (17.9)		33 (45.2)	7 (15.9)	
Employment status post stroke									
Person without any profession or retired	10 (32.3)	68 (73.9)	<0.001	38 (59.4)	38 (67.9)	0.044	45 (61.6)	30 (68.2)	0.028
Unemployed	7 (22.6)	19 (20.7)		11 (17.2)	14 (25.0)		12 (16.4)	12 (27.3)	
Employed	14 (45.2)	5 (5.4)		15 (23.4)	4 (7.1)		16 (21.9)	2 (4.5)	
Presence of a caregiver									
No	27 (87.1)	52 (56.5)	0.002	46 (71.9)	33 (58.9)	NS	52 (71.2)	26 (59.1)	NS
Yes	4 (12.9)	40 (43.5)		18 (28.1)	23 (41.1)		21 (28.8)	18 (40.9)	
HCI									
≤ 1	29 (93.5)	79 (85.9)	NS	60 (93.8)	46 (82.1)	NS	68 (93.2)	35 (79.5)	0.039
>1	2 (6.5)	13 (14.1)		4 (6.3)	10 (17.9)		5 (6.8)	9 (20.5)	