

Supplementary materials - Movement behavior patterns in people with first-ever stroke

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Table I Associated factors with sedentary exercisers, sedentary movers and sedentary prolongers using univariate analyses

INDEPENDENT VARIABLES	SEDENTARY EXERCISERS			SEDENTARY MOVERS			SEDENTARY PROLONGERS		
	OR	95% CI	P- value	OR	95% CI	P- value	OR	95% CI	P- value
PATIENT/ STROKE CHARACTERISTICS									
LOWER AGE	1.05	1.02-1.09	≥0.001	0.98	0.96-1.01	0.24	0.98	0.95-1.01	0.11
MALE	2.93	1.27-6.77	0.01	0.51	0.38-0.93	0.03	1.02	0.54-1.93	0.96
INFARCTION	1.29	0.35-4.77	0.70	0.83	0.30-2.32	0.72	1.02	0.34-3.07	0.98
LEFT OF STROKE	1.10	0.65-1.87	0.73	0.87	0.56-1.35	0.53	1.09	0.68-1.76	0.72
MORE SEVERE STROKE SYMPTOMS	1.02	0.93-1.11	0.70	1.05	0.98-1.13	0.17	0.94	0.87-1.01	0.07
HIGH EDUCATION LEVEL	2.17	1.07-4.40	0.03	0.58	0.31-1.09	0.09	0.95	0.49-1.86	0.89
LIVING TOGETHER	0.75	0.35-1.62	0.46	0.76	0.39-1.48	0.41	1.84	0.84-4.03	0.13
PHYSICAL INACTIVITY PRE STROKE	0.49	0.22-1.11	0.09	0.90	0.43-1.48	0.47	2.14	1.12-4.07	0.02
FEWER PACKYEARS	1.02	1.00-1.05	0.03	1.00	0.99-1.01	0.86	0.99	0.97-1.00	0.04
LOWER BMI	1.08	0.99-1.19	0.10	0.96	0.89-1.04	0.29	0.99	0.91-1.07	0.72
LIGHT ALCOHOL	3.83	1.72-8.55	≥0.001	0.60	0.33-1.06	0.08	0.69	0.37-1.27	0.23
LESS COMORBIDITIES	1.20	1.04-1.39	0.01	0.91	0.82-1.01	0.07	0.98	0.88-1.10	0.75
PHYSICAL FUNCTIONING									
LOWER FUNCTIONING OF BALANCE	0.73	0.61-0.88	≥0.001	1.03	0.98-1.08	0.23	1.05	1.00-1.10	0.06
NONCOMMUNITY WALKER	0.15	0.06-0.4	≥0.001	1.58	0.88-2.84	0.13	1.96	1.05-3.64	0.04
LOWER ACTIVITY LIMITATIONS	0.91	0.87-0.94	≥0.001	1.03	1.00-1.06	0.04	1.03	1.01-1.06	0.02
PSYCHOLOGICAL AND COGNITIVE FACTORS									
HIGHER LEVEL OF SELF-EFFICACY	0.98	0.97-1.00	0.06	2.06	0.91-4.68	0.08	0.31	0.10-0.95	0.04
PASSIVE COPING	0.98	0.89-1.08	0.70	1.20	0.66-2.16	0.56	0.65	0.35-1.21	0.17
SEVERELY FATIGUED	1.04	1.02-1.07	≥0.001	0.99	0.97-1.01	0.32	1.97	1.05-3.68	0.03
COGNITIVE IMPAIRED	0.86	0.43-1.73	0.67	1.11	0.62-1.99	0.72	1.00	0.54-1.87	1.00
ABSENCE DEPRESSION	3.59	1.04-12.40	0.04	0.60	0.29-1.27	0.18	0.82	0.38-1.80	0.62

OR=Odds ratio, CI= confidence interval

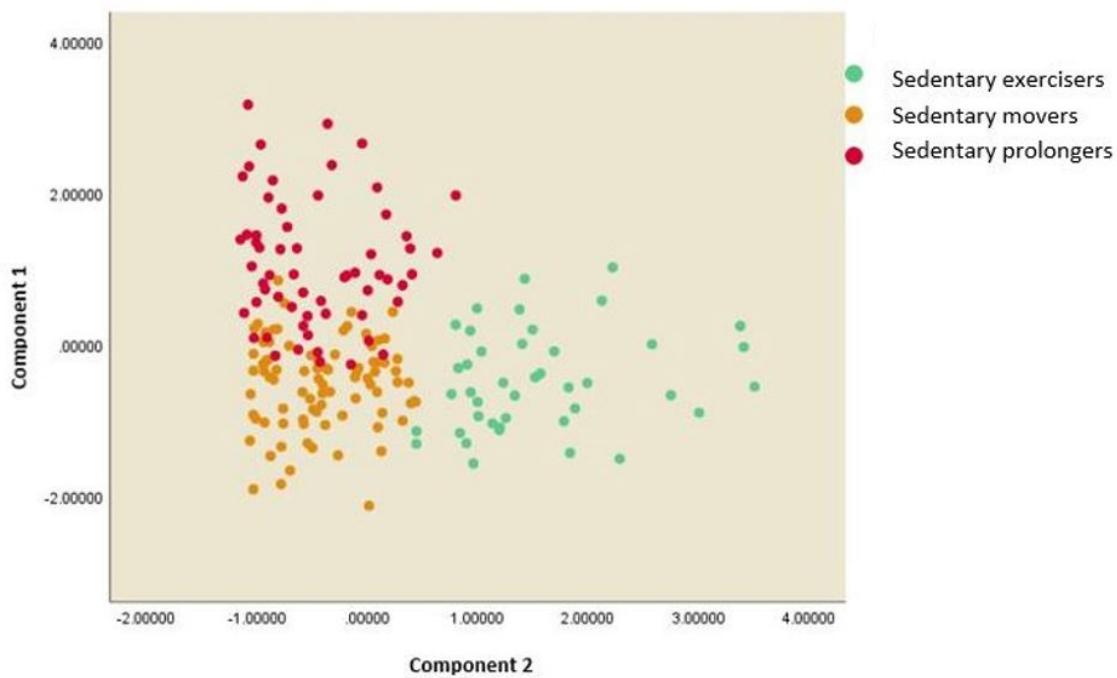


Figure Ia. Graph in two dimensions presenting the first and second components per movement behavior pattern. Component 1 represents the mean sedentary time (hours per day), mean sedentary time in bouts ≥ 5 minutes per day, mean LPA per day in hours, mean sedentary time in bouts ≥ 30 minutes per day and mean sedentary time in bouts ≥ 60 minutes per day. Component 2 represents the mean MVPA per day in hours and mean MVPA in bouts ≥ 10 minutes.

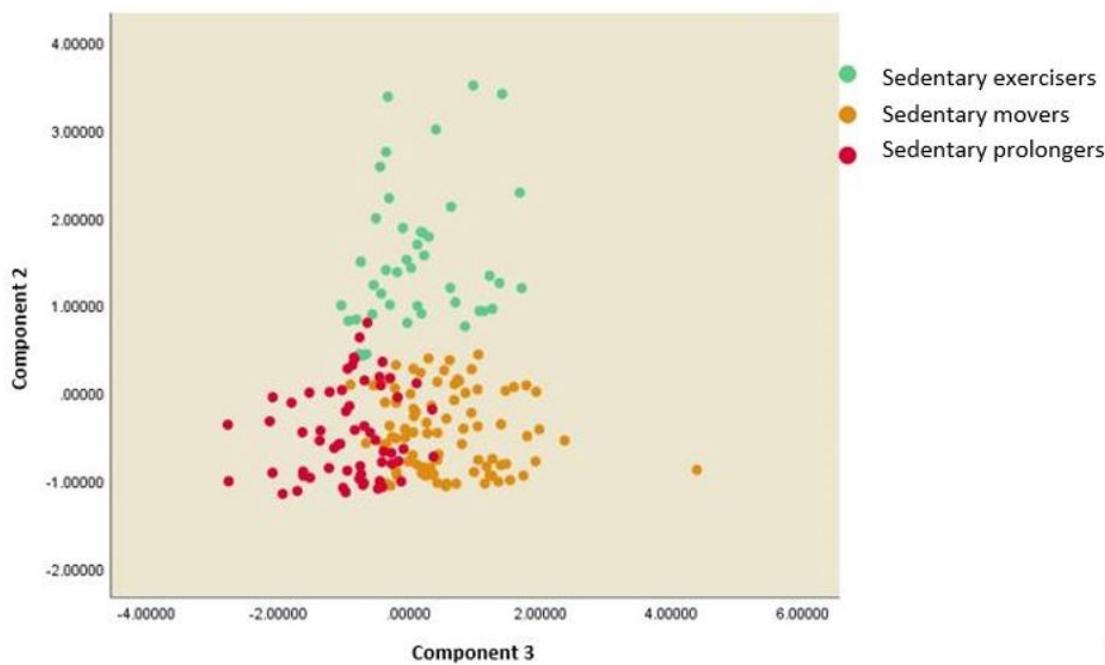


Figure Ib. Graph in two dimensions presenting the second and third components per movement behavior pattern. Component 2 represents the mean MVPA per day in hours and mean MVPA in bouts ≥ 10 minutes. Component 3 represents the weighted median sedentary bout length, maximum sedentary bout, and fragmentation index.

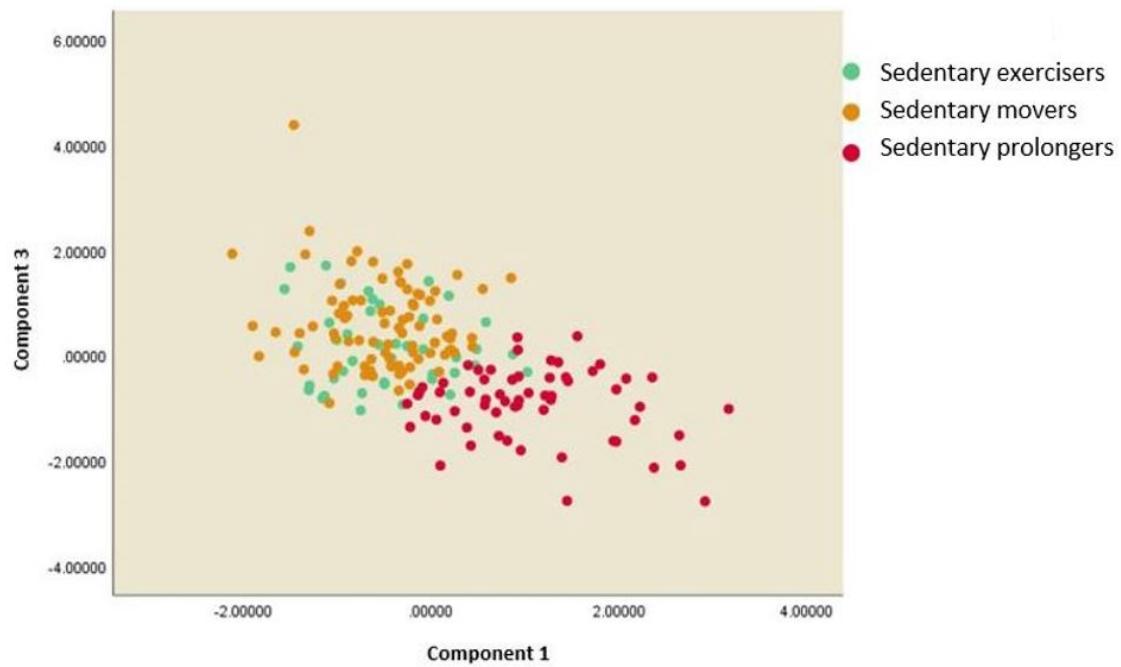


Figure Ic. Graph in two dimensions presenting the first and third components per movement behavior pattern. Component 3 represents the weighted median sedentary bout length, maximum sedentary bout, and fragmentation index. Component 1 represents the mean sedentary time (hours per day), mean sedentary time in bouts ≥ 5 minutes per day, mean LPA per day in hours, mean sedentary time in bouts ≥ 30 minutes per day and mean sedentary time in bouts ≥ 60 minutes per day.