



Research article

Associations between modifiable risk factors and limitation in activities of daily living among individuals aged ≥ 45 years: Evidence from the China health and retirement longitudinal study (CHARLS)

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Table S1. potential confounder comparison between different BADL status before and after PSM.

Variables	BADL Before PSM					BADL After PSM				
	Normal	Limited	χ^2	<i>P</i>	SMD	Normal	Limited	χ^2	<i>P</i>	SMD
Age (years), <i>n</i> (%)			280.812	<0.001	0.409			<0.001	1	<0.001
45–59	5108 (50.11)	648 (31.53)				648 (31.53)	648 (31.53)			
60–69	3268 (32.06)	781 (38.00)				781 (38.00)	781 (38.00)			
≥70	1817 (17.83)	626 (30.46)				626 (30.46)	626 (30.46)			
Gender, <i>n</i> (%)			89.215	<0.001	0.23			<0.001	1	<0.001
Female	4631 (45.43)	1168 (56.84)				1168 (56.84)	1168 (56.84)			
Male	5562 (54.57)	887 (43.16)				887 (43.16)	887 (43.16)			
Marital status, <i>n</i> (%)			43.992	<0.001	0.152			0.002	0.966	0.001
No	1073 (10.53)	321 (15.62)				322 (15.67)	321 (15.62)			
Yes	9120 (89.47)	1734 (84.38)				1733 (84.33)	1734 (84.38)			
Residence, <i>n</i> (%)			37.478	<0.001	0.152			0.001	0.971	0.001
Non-rural	3113 (30.54)	489 (23.80)				490 (23.84)	489 (23.80)			
Rural	7080 (69.46)	1566 (76.20)				1565 (76.16)	1566 (76.20)			
Educational levels, <i>n</i> (%)			199.788	<0.001	0.345			0.003	1	0.002
No formal education	2699 (26.48)	824 (40.10)				824 (40.10)	824 (40.10)			
Elementary education	2592 (25.43)	547 (26.62)				547 (26.62)	547 (26.62)			
Secondary education	3040 (29.82)	463 (22.53)				464 (22.58)	463 (22.53)			
Higher education	1862 (18.27)	221 (10.75)				220 (10.71)	221 (10.75)			

Note: SMD: standardized mean difference.

Table S2. potential confounder comparison between different IADL status before and after PSM.

Variables	IADL Before PSM					IADL After PSM				
	Normal	Limited	χ^2	<i>P</i>	SMD	Normal	Limited	χ^2	<i>P</i>	SMD
Age (years), <i>n</i> (%)			245.154	<0.001	0.393			0.002	0.999	0.001
45–59	5159 (49.56)	597 (32.48)				597 (32.48)	597 (32.48)			
60–69	3385 (32.52)	664 (36.13)				665 (36.18)	664 (36.13)			
≥70	1866 (17.93)	577 (31.39)				576 (31.34)	577 (31.39)			
Sex, <i>n</i> (%)			99.421	<0.001	0.254			<0.001	1	<0.001
Female	4732 (45.46)	1067 (58.05)				1067 (58.05)	1067 (58.05)			
Male	5678 (54.54)	771 (41.95)				771 (41.95)	771 (41.95)			
Marital status [<i>n</i> (%)]			47.827	<0.001	0.164			<0.001	1	<0.001
No	1098 (10.55)	296 (16.10)				296 (16.10)	296 (16.10)			
Yes	9312 (89.45)	1542 (83.90)				1542 (83.90)	1542 (83.90)			
Residence, <i>n</i> (%)			26.403	<0.001	0.133			<0.001	1	<0.001
Non-rural	3154 (30.30)	448 (24.37)				448 (24.37)	448 (24.37)			
Rural	7256 (69.70)	1390 (75.63)				1390 (75.63)	1390 (75.63)			
Educational levels, <i>n</i> (%)			233.315	<0.001	0.4			0.004	1	0.002
No formal education	2767 (26.58)	756 (41.13)				756 (41.13)	756 (41.13)			
Elementary education	2631 (25.27)	508 (27.64)				508 (27.64)	508 (27.64)			
Secondary education	3090 (29.68)	413 (22.47)				414 (22.52)	413 (22.47)			
Higher education	1922 (18.46)	161 (8.76)				160 (8.71)	161 (8.76)			

Note: SMD: standardized mean difference.



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