Table S1. Baseline characteristics of participants of included participants and those excluded

Variable	Total (n=12,219)	Included participants (n=7,548)	Missing participants (n=4,671)	p-value
MCI				0.84
Yes	8,898 (84.92)	6,406 (84.87)	2,492 (85.05)	
No	1,580 (15.08)	1,142 (15.13)	438 (14.95)	
MMSE total score	16.00 (12.00–17.00)	14.00 (11.00–17.00)	16.00 (15.00–17.00)	<0.001
Age (y)	59.51±10.61)	63.50±6.63)	52.70±12.49)	<0.001
Sex				0.001
Male	6,614 (54.16)	4,178 (55.35)	2,436 (52.24)	
Female	5,597 (45.84)	3,370 (44.65)	2,227 (47.76)	
Residential areas				<0.001
Urban	4,090 (43.41)	2,942 (38.98)	1,148 (61.26)	
Rural	5,332 (56.59)	4,606 (61.02)	726 (38.74)	
Education levels				<0.001
Illiterate	2,942 (24.15)	2,053 (27.20)	889 (19.18)	
Primary school	5,640 (46.30)	3,659 (48.48)	1,981 (42.75)	
Middle school	2,022 (16.60)	1,213 (16.07)	809 (17.46)	
High school/vocational high school	1,162 (9.54)	493 (6.53)	669 (14.44)	
Junior college or above	416 (3.41)	130 (1.72)	286 (6.17)	
Household incomes (CNY)				<0.001
<1,000	6,972 (57.06)	3,027 (40.10)	3,945 (84.46)	
1,000–4,999	1,282 (10.49)	1,135 (15.04)	147 (3.15)	
5,000–9,999	650 (5.32)	574 (7.60)	76 (1.63)	
10,000–19,999	871 (7.13)	770 (10.20)	101 (2.16)	
≥20,000	2,444 (20.00)	2,042 (27.05)	402 (8.61)	
Marital status				<0.001
Married	8,926 (77.23)	5,981 (79.24)	2,945 (73.46)	
Separated	764 (6.61)	233 (3.09)	531 (13.25)	
Unmarried/divorced/widowed	1,867 (16.15)	1,334 (17.67)	533 (13.30)	
Ever/current smoke				<0.001
No	5,894 (52.36)	3,664 (48.56)	2,230 (60.09)	
Yes	3,225 (28.65)	2,207 (29.25)	1018 (27.43)	
Ever smoke	2,137 (18.99)	1,674 (22.19)	463 (12.48)	
Ever/current alcohol				<0.001
No	5,872 (51.58)	3,842 (50.90)	2,030 (52.92)	
Yes	3,949 (34.69)	2,534 (33.57)	1,415 (36.89)	
Ever alcohol	1,563 (13.73)	1,172 (15.53)	391 (10.19)	
Daily sleep times (hr)	6.50 (5.38–7.50)	6.50 (5.38–7.33)	6.50 (5.33–7.75)	0.002
Comorbidities				
Cancer	118 (1.01)	56 (0.74)	62 (1.50)	<0.001
Chronic lung disease	1,270 (10.87)	917 (12.16)	353 (8.52)	<0.001
Cardiovascular diseases	1,662 (14.22)	1,190 (15.78)	472 (11.39)	<0.001
Stroke	388 (3.32)	200 (2.65)	188 (4.53)	<0.001
Arthritis	3,675 (31.44)	2,728 (36.17)	947 (22.84)	<0.001
Dyslipidemia	1,415 (12.14)	826 (10.96)	589 (14.31)	<0.001
Hepatic diseases	399 (3.42)	248 (3.29)	151 (3.65)	0.332
Kidney diseases	649 (5.56)	419 (5.56)	230 (5.56)	1.000
Digestive system diseases	2,460 (21.05)	1,674 (22.20)	786 (18.96)	<0.001

Asthma	1,006 (14.84)	822 (13.15)	184 (34.78)	<0.001
Hypertension	3,559 (30.42)	2,453 (32.52)	1,106 (26.61)	<0.001
Diabetes	1,077 (9.64)	689 (9.23)	388 (10.44)	0.045
BMI (kg/m^2)	23.34 (21.07–5.91)	23.32 (21.09–25.88)	23.65 (20.79–26.49)	0.527

Values are presented as mean±standard deviation, median (interquartile range), or number (%).

MCI, mild cognitive impairment; MMSE, Mini-Mental State Examination; BMI, body mass index; CNY, Chinese yuan.