

Supplementary Table S1. Survey-weighted logistic regression models for prevalent self-reported stroke

Model	Adjustment set	BRI OR (95% CI)	P
Model 1	Crude	1.16 (1.13–1.19)	<0.001
Model 2	Age and sex	1.11 (1.07–1.14)	<0.001
Model 3	Model 2 plus smoking and PIR	1.09 (1.05–1.12)	<0.001
Model 4	Model 3 plus education, MET-based physical activity, and energy intake	1.08 (1.05–1.12)	<0.001

Abbreviations: BRI, body roundness index; CI, confidence interval; MET, metabolic equivalent; OR, odds ratio; PIR, poverty-income ratio. FI was not included in Models 1–4. Estimates are rounded to two decimal places and confidence intervals use en dashes.

Supplementary Table S2. Frailty index variable scoring

Variable	Scoring Criteria
Cognition	Cognition
1. Experiencing confusion/memory problems	Yes = 1, No = 0
Dependence	Dependence
2. Managing money	Difficulty = 1, No Difficulty = 0
3. Stooping, crouching, kneeling	Difficulty = 1, No Difficulty = 0
4. Lifting or carrying	Difficulty = 1, No Difficulty = 0
5. Household chores	Difficulty = 1, No Difficulty = 0
6. Preparing meals	Difficulty = 1, No Difficulty = 0
7. Standing up from armless chair	Difficulty = 1, No Difficulty = 0
8. Getting in and out of bed	Difficulty = 1, No Difficulty = 0
9. Using fork, knife, drinking from cup	Difficulty = 1, No Difficulty = 0
10. Dressing yourself	Difficulty = 1, No Difficulty = 0
11. Standing for long periods	Difficulty = 1, No Difficulty = 0
12. Grasping or holding small objects	Difficulty = 1, No Difficulty = 0
13. Attending social event	Difficulty = 1, No Difficulty = 0
14. Pushing or pulling large objects	Difficulty = 1, No Difficulty = 0
15. Walking for a quarter mile	Difficulty = 1, No Difficulty = 0
16. Walking up 10 steps	Difficulty = 1, No Difficulty = 0
Depressive Symptoms	Depressive Symptoms
17. Have little interest in doing things	Nearly every day = 1, More than half the days = 0.66, Several days = 0.33, Not at all = 0
18. Feeling down, depressed, or hopeless	Nearly every day = 1, More than half the days = 0.66, Several days = 0.33, Not at all = 0
19. Trouble sleeping or sleeping too much	Nearly every day = 1, More than half the days = 0.66, Several days = 0.33, Not at all = 0
20. Feeling tired or having little energy	Nearly every day = 1, More than half the days = 0.66, Several days = 0.33, Not at all = 0

Variable	Scoring Criteria
21. Poor appetite or overeating	Nearly every day = 1, More than half the days = 0.66, Several days = 0.33, Not at all = 0
22. Feeling bad about yourself	Nearly every day = 1, More than half the days = 0.66, Several days = 0.33, Not at all = 0
23. Trouble concentrating on things	Nearly every day = 1, More than half the days = 0.66, Several days = 0.33, Not at all = 0
Comorbidity	Comorbidity
24. Arthritis	Yes = 1, Suspect = 0.5, No = 0
25. Thyroid problems	Yes = 1, Suspect = 0.5, No = 0
26. Chronic bronchitis	Yes = 1, Suspect = 0.5, No = 0
27. Cancer	Yes = 1, Suspect = 0.5, No = 0
28. Blood pressure	Yes = 1, Suspect = 0.5, No = 0
29. Diabetes	Yes = 1, Suspect = 0.5, No = 0
30. Weak or failing kidneys	Yes = 1, Suspect = 0.5, No = 0
31. Urinary leakage	Yes = 1, Suspect = 0.5, No = 0
Hospital Utilization and Access to Care	Hospital Utilization and Access to Care
32. Self-rated health	Fair, poor = 1, Excellent, very good, good = 0
33. Health now compared with 1 year ago	Worse = 1, About the same, better = 0
34. Overnight hospital patient in the past year	Yes = 1, No = 0
35. Frequency of health care use during the past year	None = 0, 1 - 5 = 0.5, More than 5 = 1
36. Number of prescribed medications	None = 0, 1 - 4 = 0.5, 5 or more = 1
Physical Performance and Anthropometry	Physical Performance and Anthropometry
37. Handgrip strength	MALE: For BMI ≤ 24 , GS ≤ 29 For BMI 24.1 - 28, GS ≤ 30 For BMI > 28 , GS $\leq 32 = 1$ FEMALE: For BMI ≤ 23 , GS ≤ 17 For BMI 23.1 - 26, GS ≤ 17.3 For BMI 26.1 - 29, GS ≤ 18 For BMI > 29 , GS $\leq 21 = 1$
Laboratory Values	Laboratory Values
38. Glycohemoglobin (%)	0% - 5.7% = 0, $> 5.7\%$ = 1
39. Red blood cell count (million cells/ μ L)	M: 4.7 - 6.1 = 0, Other = 1 F: 4.2 - 5.4 = 0, Other = 1
40. Hemoglobin (g/dL)	M: 13.5 - 18 = 0, Other = 1 F: 12 - 16 = 0, Other = 1
41. Red cell distribution width (%)	11.6 - 14.6 = 0, Other = 1
42. Lymphocyte percent (%)	20 - 40 = 0, Other = 1
43. Segmented neutrophils percent (%)	40 - 80 = 0, Other = 1

Abbreviations: BMI, body mass index; FI, frailty index; GS, grip strength. Each deficit is scored from 0 to 1, and the FI is calculated as the mean of available deficit scores on the original 0–1 scale. Descriptive FI values remain on this scale; regression estimates in the main manuscript are reported per 0.1-unit increase. The former mediation-path and external-validation tables were removed because those analyses are no longer reported.