

Supplementary Table 4. Sensitivity analysis of cardiovascular risk factors in the LWH exposure subgroups

	Total (n=164,861)	LWH <5 years (n=131,612)	LWH 5–10 years (n=11,483)	LWH 10–15 years (n=7,270)	LWH ≥15 years (n=14,496)	P
Age (yr)	46.9±12.8	46.4±13.0	42.2±11.7	46.5±10.9	54.8±9.4	<0.001
Occupation						<0.001
High-skilled white-collar jobs	46,989 (30.6)	39,275 (31.9)	2,700 (25.3)	1,716 (25.3)	3,298 (24.7)	
Self-employed/chief executive officer/professional jobs	54,044 (35.2)	37,487 (30.5)	5,341 (50.0)	3,594 (53.0)	7,622 (57.1)	
Low-skilled white-collar jobs	39,017 (25.4)	34,842 (28.3)	1,817 (17.0)	971 (14.3)	1,387 (10.4)	
Blue-collar jobs	13,698 (8.91)	11,333 (9.22)	814 (7.63)	499 (7.36)	1,052 (7.87)	
Body mass index						<0.001
<25 kg/m ²	93,491 (57.5)	76,553 (59.0)	6,655 (58.8)	3,833 (53.5)	6,450 (45.1)	
25–30 kg/m ²	49,483 (30.4)	38,251 (29.5)	3,357 (29.6)	2,370 (33.1)	5,505 (38.5)	
≥30 kg/m ²	19,559 (12.0)	14,928 (11.5)	1,312 (11.6)	967 (13.5)	2,352 (16.4)	
Familial history of cardiovascular diseases						0.037
No	151,544 (93.2)	121,066 (93.3)	10,534 (93.2)	6,662 (92.7)	13,282 (92.8)	
Yes	11,006 (6.77)	8,682 (6.69)	770 (6.81)	523 (7.28)	1,031 (7.20)	
Smoking						<0.001
Not smoker	75,118 (46.1)	61,892 (47.6)	4,756 (41.9)	2,938 (40.8)	5,532 (38.6)	
Current/former smoker <30 pack-years	81,863 (50.3)	64,037 (49.3)	6,226 (54.8)	3,936 (54.6)	7,664 (53.5)	
Current/former smoker ≥30 pack-years	5,904 (3.62)	4,048 (3.11)	381 (3.35)	333 (4.62)	1,142 (7.96)	
Diabetes status						<0.001
No	158,609 (96.3)	126,975 (96.6)	11,113 (96.9)	6,984 (96.2)	13,537 (93.5)	
Yes	6,035 (3.67)	4,461 (3.39)	356 (3.10)	278 (3.83)	940 (6.49)	
High blood pressure status						<0.001
No	116,691 (70.9)	94,401 (71.8)	8,805 (76.8)	5,215 (71.8)	8,270 (57.1)	
Yes	47,967 (29.1)	37,040 (28.2)	2,666 (23.2)	2,047 (28.2)	6,214 (42.9)	
Dyslipidemia status						<0.001
No	114,003 (69.2)	92,370 (70.3)	8,291 (72.3)	4,940 (68.0)	8,402 (58.0)	
Yes	50,645 (30.8)	39,069 (29.7)	3,180 (27.7)	2,323 (32.0)	6,073 (42.0)	

Values are presented as mean±standard deviation or n (%).
LWH, long working hours.

Supplementary Table 5. Sensitivity analysis of cardiovascular risk factors in the LWH exposure subgroups

LWH exposure subgroup	Male		Female	
	Ischemic stroke Crude OR (95% CI)	Hemorrhagic stroke Crude OR (95% CI)	Ischemic stroke Crude OR (95% CI)	Hemorrhagic stroke Crude OR (95% CI)
5–10 years (vs. <5 years)	0.89 (0.55–1.43)	1.72 (0.90–3.28)	0.90 (0.44–1.84)	1.39 (0.60–3.20)
10–15 years (vs. <5 years)	1.26 (0.78–2.02)	1.98 (0.98–4.01)	0.21 (0.03–1.49)	0.85 (0.21–3.48)
≥15 years (vs. <5 years)	1.90 (1.43–2.52)	1.48 (0.84–2.52)	0.77 (0.34–1.75)	1.32 (0.53–3.28)

LWH, long working hours; OR, odds ratio; CI, confidence interval.