



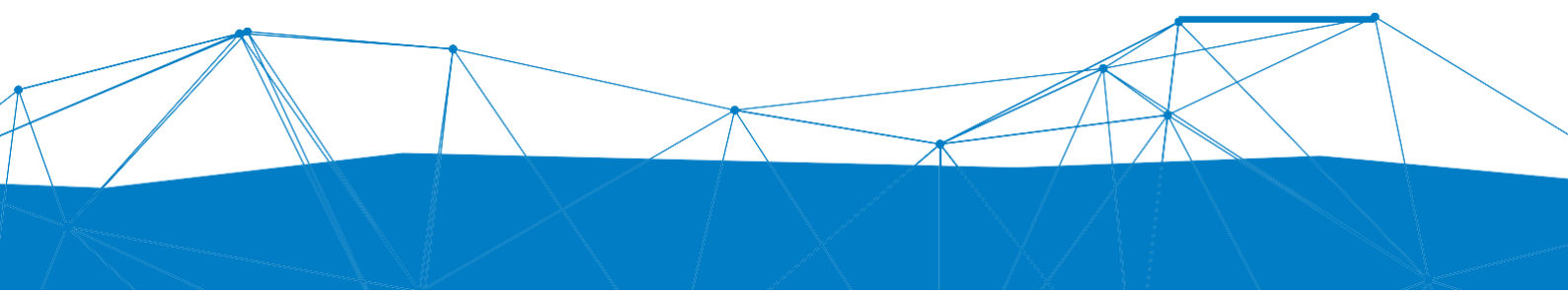
Supplementary file

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DOI:

10.18332/tid/240543

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Supplementary Table S1. Exploratory effect-modification analyses, China Health and Retirement Longitudinal Study (CHARLS), 2011-2018 (primary complete-case sample, N=2075)

Interaction	Global P value	Stratum-specific estimate or interpretation
HSI × sex	0.203	No clear evidence of effect modification.
Major disease × sex	0.016	Men: AOR=1.699 (95% CI: 1.238-2.332); women: AOR=0.334 (95% CI: 0.079-1.420). The female estimate was based on 5 events among 50 women with major disease and was unstable.
HSI × birth cohort	0.097	No clear evidence of effect modification.
Major disease × birth cohort	0.597	No clear evidence of effect modification.

Birth cohorts were 1945 or earlier, 1946-1955, and 1956-1966. No adjustment for multiple testing was applied. CI, confidence interval; HSI, Heaviness of Smoking Index; AOR, adjusted odds ratio.

Supplementary Figure S1. Conceptual framework for the mutually adjusted associations of nicotine dependence and major smoking-related disease with sustained smoking cessation in a secondary analysis of the CHARLS, 2011-2018

