



**Figure S1** Follow-up scan results in incident screens. The relationship between detection rates of all cancer cases and stage I diseases and initial starting age (A). The proportion of stage I diseases declined with age (\*,  $P=0.021$  versus 40–44 years old, \*\*\*,  $P<0.001$  versus 40–44 years old) (B). The ratio of early lung cancer to all nodules detected was higher before 50–54 years old (\*,  $P=0.028$  versus 45–49 years old.  $\Theta=0.515$  versus 45–49 years old.  $\Lambda=0.517$  versus 45–49 years old) (C). Vertical lines around each of the points were 95% confidence intervals.