

S1 Table. Sociodemographic characteristics of the included patients according to newly diagnosis of lung cancer

	Patients without newly diagnosed lung cancer (n=5,794,814)	Patients with newly diagnosed lung cancer (n=36,225)
Age (yr)		
≥ 20 and < 30	1,027,834 (17.7)	524 (1.4)
≥ 30 and < 40	1,409,288 (24.3)	2,035 (5.6)
≥ 40 and < 50	1,702,322 (29.4)	7,694 (21.2)
≥ 50 and < 60	1,188,703 (20.5)	14,678 (40.5)
≥ 60 and < 65	466,667 (8.1)	11,294 (31.2)
Female sex	2,611,116 (45.1)	11,798 (32.6)
BMI, median (IQR)	23.4 (21.3-25.5)	23.7 (21.7-25.6)
Screening year		
2005	1,593,369 (27.5)	15,560 (43.0)
2006	2,695,761 (46.5)	13,865 (38.3)
2007	1,505,684 (26.0)	6,800 (18.8)
Smoking history		
Never-smoker	3,534,972 (61)	18,861 (52.1)
Ex-smoker	508,447 (8.8)	4,087 (11.3)
Current smoker	1,465,374 (25.3)	12,076 (33.3)
Not recorded	286,021 (4.9)	1,201 (3.3)
Socioeconomic status		
1st (1-5 quantile)	1,124,276 (19.4)	7,569 (20.9)
2nd (6-10 quantile)	1,350,721 (23.3)	7,018 (19.4)
3rd (11-15 quantile)	1,574,822 (27.2)	8,965 (24.7)
4th (16-20 quantile)	1,642,879 (28.4)	12,283 (33.9)
Not recorded	102,116 (1.8)	390 (1.1)
Drinking behavior		
< 3/wk	5,078,138 (87.6)	30,065 (83.0)
≥ 3/wk	485,761 (8.4)	5,219 (14.4)
Not recorded	230,915 (4.0)	941 (2.6)
Exercise behavior		
< 3/wk	4,512,066 (77.9)	27,254 (75.3)
≥ 3/wk	1,005,619 (17.4)	7,871 (21.7)
Not recorded	277,129 (4.7)	1,100 (3.0)
Underlying chronic disease		
Hypertension	385,638 (6.7)	4,965 (13.7)
Previous malignancy	23,314 (0.4)	891 (2.5)
Cardiovascular disease	35,272 (0.6)	536 (1.5)

Diabetes mellitus	128,257 (2.2)	2,064 (5.7)
Stroke	16,784 (0.3)	280 (0.8)
Liver disease	77,055 (1.3)	712 (2)
Blood chemistry, median (IQR)		
Hemoglobin (g/dL)	14.1 (13.0-15.3)	14.3 (13.2-15.2)
Fasting glucose (mg/dL)	90 (83-99)	94 (85-105)
Total cholesterol (mg/dL)	190 (167-215)	195 (171-220)
Chest radiography		
Normal	5,164,345 (89.1)	25,624 (70.7)
Suspicious active pulmonary tuberculosis	293,075 (5.1)	4,085 (11.3)
Suspicious inactive pulmonary tuberculosis	23,486 (0.4)	615 (1.7)
Suspicious lung disease other than pulmonary tuberculosis	108,918 (1.9)	3,139 (8.7)
Suspicious cardiovascular disease	82,845 (1.4)	758 (2.1)
Not recorded	122,145 (2.1)	2,004 (5.5)

Values are presented as number (%) or median (range). BMI, body mass index; IQR, interquartile range.