

Table S4 Results of logistic regression models for GOLD stage 2 or worse COPD* adjusted for log urine cadmium/creatinine, age, race/ethnicity, sex, education, job category, body mass index, years ago quit smoking (for former smokers), pack years of cigarettes, and cotinine level. From the Third National Health and Nutrition Examination Survey, 1988–94

Variable	Current smokers	Former smokers	Never smokers
Log cadmium/creatinine	2.29 (1.67 to 3.15)	1.90 (1.38 to 2.63)	1.25 (0.98 to 1.60)
Age (10 years)	1.81 (1.57 to 2.09)	2.26 (1.95 to 2.63)	1.57 (1.39 to 1.78)
Race/ethnicity			
White	1	1	1
Black	0.66 (0.44 to 0.99)	0.95 (0.60 to 1.52)	1.18 (0.80 to 1.72)
Mexican-American	0.45 (0.25 to 0.80)	0.88 (0.44 to 1.77)	0.73 (0.44 to 1.24)
Other	0.78 (0.35 to 1.76)	1.10 (0.47 to 2.59)	1.93 (1.07 to 3.48)
Sex			
Male	1.31 (0.87 to 1.96)	1.61 (1.05 to 2.46)	1.51 (0.88 to 2.58)
Female	1	1	1
Education level (years)			
<12	1.39 (0.85 to 2.28)	1.65 (1.03 to 2.64)	1.47 (0.96 to 2.25)
12	1.21 (0.84 to 1.76)	1.98 (1.28 to 3.06)	0.96 (0.57 to 1.63)
≥13	1	1	1
Job category			
Agriculture	1.71 (0.80 to 3.65)	0.98 (0.53 to 1.81)	0.68 (0.37 to 1.24)
Mining/manufacturing	0.79 (0.51 to 1.21)	0.79 (0.49 to 1.27)	0.96 (0.53 to 1.74)
Transport	0.98 (0.45 to 2.14)	1.05 (0.50 to 2.21)	1.13 (0.28 to 4.56)
Service	0.97 (0.61 to 1.55)	0.64 (0.38 to 1.09)	0.73 (0.37 to 1.41)
Unemployed	0.87 (0.39 to 1.91)	0.66 (0.22 to 2.05)	1.50 (0.70 to 3.21)
Retail	1	1	1
Body mass index (kg/m ²)			
<18.5	2.32 (1.14 to 4.73)	17.34 (4.21 to 71.38)	1.33 (0.47 to 3.74)
18.5–24	1	1	1

Variable	Current smokers	Former smokers	Never smokers
25–29	0.91 (0.61 to 1.35)	0.71 (0.51 to 1.00)	0.60 (0.38 to 0.94)
≥30	1.46 (0.89 to 2.37)	1.05 (0.72 to 1.53)	0.68 (0.45 to 1.04)
Years ago quit smoking cigarettes			
>0–10		3.83 (1.30 to 11.30)	
>10–20		4.25 (1.41 to 12.79)	
>20–30		1.73 (0.59 to 5.05)	
>30–40		2.17 (0.58 to 8.17)	
>40		1	
Unknown		5.13 (1.38 to 19.09)	
Pack years of cigarettes			
≥60	4.96 (1.62 to 15.23)	10.97 (2.05 to 58.80)	
≤30–59	2.92 (1.15 to 7.42)	5.17 (1.02 to 26.31)	
>0–29	1.56 (0.65 to 3.73)	3.94 (0.75 to 20.78)	
0	1	1	
Cotinine level (ng/ml)†			
>100	1.04 (0.45 to 2.41)	1.10 (0.48 to 2.50)	0.61 (0.30 to 1.25)
≤15–100	0.86 (0.33 to 2.23)	1.97 (0.59 to 6.60)	1.14 (0.35 to 3.75)
≤0.3–15	0.48 (0.11 to 2.17)	1.20 (0.66 to 2.20)	1.05 (0.57 to 1.94)
0.05–0.29	0.11 (0.01 to 0.87)	1.22 (0.70 to 2.12)	1.19 (0.71 to 2.00)
Non-detectable		1	1
Missing	1	1.69 (0.37 to 7.70)	0.75 (0.28 to 2.03)
r^2 of model	0.21	0.21	0.04

*GOLD is the Global Initiative on Obstructive Lung Disease. Stage 2 or higher COPD is defined as subjects with an FEV1/FVC <70% and an FEV1 <80% predicted.

†Some never and former smokers had cotinine levels >15♣ng/ml, suggesting misclassification of smoking status