

Supplementary Table 1: Multivariable ordered logistic regression model including interaction terms

Variable	Odds Ratio	95% Confidence Interval	P Value
Age	1.02	(1.01, 1.03)	<0.001
Sex			
Male	(ref)	-	-
Female	0.70	(0.56, 0.88)	0.002
Race/ethnicity			
White	(ref)	-	-
African American	0.99	(0.69, 1.45)	0.99
Hispanic	1.29	(0.98, 1.69)	0.07
Other	1.34	(0.84, 2.12)	0.22
Asthma	2.29	(0.85, 6.17)	0.10
Asthma x age	0.98	(0.96, 0.99)	0.017
COPD	4.79	(0.45, 51.25)	0.20
COPD x age	0.98	(0.95, 1.01)	0.29
Smoking history			
Never	(ref)	-	-
Yes - past	0.32	(0.12, 0.90)	0.03
Yes - current	0.03	(0.00, 0.17)	<0.001
Unknown	0.50	(0.10, 2.50)	0.40
Smoking x age			
Never	(ref)	-	-
Yes - past	1.02	(1.01, 1.04)	0.005
Yes - current	1.05	(1.02, 1.08)	0.001
Unknown	1.01	(0.98, 1.04)	0.38
BMI	1.05	(1.04, 1.07)	<0.001
CAD/myocardial infarction	0.82	(0.58, 1.16)	0.26
Heart failure	1.14	(0.77, 1.69)	0.51
Hypertension	1.06	(0.81, 1.38)	0.68
Diabetes	1.34	(1.04, 1.72)	0.02
Kidney disease	1.23	(0.89, 1.70)	0.21