

## Supplementary material

### Baseline characteristics of Korean population from the national health screening program

	Non-COPD	COPD group	p-value
Number	2,382,989	497,652	
<b>Gender (Male %)</b>	993,951(41.71)	211,930(42.59)	<.0001
<b>Age</b>			
40-65	1,902,703(79.85)	398,916(80.16)	<.0001
65-	480,286(20.15)	98,736(19.84)	
<b>Smoking</b>			<.0001
Non-smoker	1637,975(68.83)	331,448(66.68)	
Ex-smoker	327,546(13.76)	69,967(14.07)	
Current smoker	414,244(17.41)	95,688(19.25)	
<b>Drinking</b>			<.0001
No	1,485,273(62.56)	320,206(64.57)	
Mild	756,167(31.85)	147,802(29.8)	
Heavy	132,690(5.59)	27,926(5.63)	
<b>Income low (%)</b>	512,626(21.51)	115,167(23.14)	<.0001
<b>Urban residents (%)</b>	1,279,949(53.77)	274,576(55.31)	<.0001
<b>COPD Severity</b>			<.0001
Non	2,382,989(100)	0(0)	
Mild	0(0)	454,835(91.4)	
Severe	0(0)	42,817(8.6)	
<b>IBD (%)</b>	794(0.03)	207(0.04)	0.0044
<b>UC (%)</b>	673(0.03)	174(0.03)	0.0119
<b>CD (%)</b>	121(0.01)	33(0.01)	0.1728
<b>IBD DURATION</b>	3.9±1.38	3.87±1.38	<.0001

CD, Crohn's disease; COPD, chronic obstructive pulmonary disease; IBD, inflammatory bowel disease; UC, Ulcerative colitis