SUPPLEMENTARY DATA

Stratification analysis by age groups <45, 45-60, >=60

Supplementary Table 2.1 FEV1, FVC and dyspnea in DM and non-DM participants for age<45 (n=5976)

	Without lung disease(N=4960)		With lung disease(N=1016)	
	Non-DM(N=4630)	**DM(N=330)**	**Non-DM(N=929)**	**DM(N=87)**
FEV1(L), mean	3.33(3.30-3.35)	3.17(3.10-3.24) [‡]	3.27(3.22-3.31)	3.14(3.02-3.26)*
FVC(L), mean	4.02(3.99-4.05)	3.81(3.73-3.89) [‡]	4.03(3.98-4.07)	3.82(3.69-3.95)[+]
Dyspnea, mean	0.59(0.52-0.66)	0.60(0.44-0.75)	1.05(0.91-1.19)	1.29(0.83-1.75)

Values shown are weighted for study design and nonresponse. Results presented as mean and 95% Confidence interval.

Adjusted for gender, height, weight circumference, Latino Background, cumulative smoking and heart failure, coronary artery disease and CRP.

[‡]P<0.001 compared to Non-DM.

SUPPLEMENTARY DATA

Supplementary Table 2.2 FEV1, FVC and dyspnea in DM and non-DM participants for 45=<age<60(n=6031)

	Without lung disease(N=4925)		With lung disease(N=1106)	
	Non-DM(N=3730)	DM(N=1195)	Non-DM(N=782)	DM(N=324)
FEV1(L), mean	2.87(2.84-2.89)	2.74(2.67-2.81) [‡]	2.69(2.64-2.74)	2.61(2.52-2.69)*
FVC(L), mean	3.63(3.60-3.66)	3.44(3.38-3.50) [‡]	3.49(3.44-3.54)	3.37(3.27-3.46)*
Dyspnea, mean	0.68(0.62-0.75)	0.85(0.73-0.97)*	1.43(1.24-1.62)	1.91(1.60-2.22)[+]

Values shown are weighted for study design and nonresponse. Results presented as mean and 95% Confidence interval.

Adjusted for gender, height, weight circumference, Latino Background, cumulative smoking and heart failure, coronary artery disease and CRP.

[‡]P<0.001 compared to Non-DM.

SUPPLEMENTARY DATA

Supplementary Table 2.3 FEV1, FVC and dyspnea in DM and non-DM participants for age>=60(n=2448)

	Without lung disease(N=1925)		With lung disease(N=523)	
	Non-DM(N=1150)	DM(N=775)	Non-DM(N=275)	DM(N=248)
FEV1(L), mean	2.51(2.47-2.55)	2.44(2.38-2.49)*	2.21(2.11-2.31)	2.05(1.91-2.18)*
FVC(L), mean	3.29(3.23-3.35)	3.15(3.09-3.22)[‡]	3.10(2.98-3.22)	2.86(2.72-3.01)[+]
Dyspnea, mean	0.67(0.56-0.77)	0.89(0.71-1.07)*	1.26(0.94-1.57)	2.05(1.61-2.49)[+]

Values shown are weighted for study design and nonresponse. Results presented as mean and 95% Confidence interval.

Adjusted for gender, height, weight circumference, Latino Background, cumulative smoking and heart failure, coronary artery disease and CRP.

[‡]P<0.001 compared to Non-DM.

SUPPLEMENTARY DATA

Supplementary Table 2. stratification analysis by smoking status: never, ever.

Supplementary Table 2.4 FEV1, FVC and dyspnea in DM and non-DM participants for non-smoker (n=8833)

	Without lung disease(N=7412)		With lung disease(N=1421)	
	Non-DM(N=6057)	DM(N=1355)	Non-DM(N=1110)	DM(N=311)
FEV1(L), mean	3.14(3.12-3.15)	3.03(2.99-3.07)[‡]	2.99(2.96-3.03)	2.85(2.77-2.94)[+]
FVC(L), mean	3.83(3.81-3.85)	3.62(3.58-3.67)[‡]	3.74(3.70-3.77)	3.54(3.44-3.63)[‡]
Dyspnea, mean	0.55(0.51-0.60)	0.75(0.63-0.86)[+]	1.05(0.93-1.18)	1.55(1.23-1.86)[+]

Values shown are weighted for study design and nonresponse. Results presented as mean and 95% Confidence interval.

Adjusted for age, gender, height, weight circumference, Latino Background, heart failure, coronary artery disease and CRP.

[‡]P<0.001 [+]p<0.01 *P<0.05 compared to Non-DM.

SUPPLEMENTARY DATA

Supplementary Table 2.5 FEV1, FVC and dyspnea in DM and non-DM participants for ever smoker(n=5622)

	Without lung disease(N=4398)		With lung disease(N=1224)	
	Non-DM(N=3453)	DM(N=945)	Non-DM(N=876)	DM(N=348)
FEV1(L), mean	3.11(3.08-3.13)	3.04(3.00-3.09)*	3.02(2.97-3.07)	2.93(2.85-3.02)
FVC(L), mean	3.85(3.81-3.88)	3.71(3.66-3.76)‡	3.86(3.80-3.91)	3.66(3.56-3.76)‡
Dyspnea, mean	0.74(0.67-0.81)	0.94(0.79-1.08)*	1.34(1.15-1.54)	1.83(1.51-2.16)+

Values shown are weighted for study design and nonresponse. Results presented as mean and 95% Confidence interval.

Adjusted for age, gender, height, weight circumference, Latino Background, heart failure, coronary artery disease and CRP.

‡P<0.001 +p<0.01 *P<0.05 compared to Non-DM.