

Table S8: Results of the observational analyses.

	FVC (mL)					FEV₁/FVC (%)					FEV₁ (mL)				
	b	SE	LCI	UCI	p-value	b	SE	LCI	UCI	p-value	b	SE	LCI	UCI	p-value
<u>Testosterone (TT)</u>															
Males	109.55	7.91	94.04	125.06	1.49E-43	0.45	0.08	0.30	0.60	3.53E-09	97.87	6.78	84.58	111.16	3.66E-47
Females	5.83	3.20	-0.44	12.10	0.068	0.16	0.04	0.08	0.23	3.27E-05	9.16	2.68	3.90	14.41	6.34E-04
<u>SHBG</u>															
Males	68.85	6.50	56.12	81.59	3.18E-26	-0.65	0.06	-0.78	-0.53	3.23E-25	24.54	5.57	13.62	35.45	1.05E-05
Females	62.74	3.38	56.12	69.36	5.47E-77	-0.37	0.04	-0.44	-0.29	4.38E-20	37.27	2.83	31.73	42.82	1.27E-39

N: Males= 112,330; Females = 108,544

SHBG = Sex Hormone Binding Globulin; TT = Total Testosterone (natural log transformed)

b = beta, SE = Standard Error of the mean, LCI/UCI = lower/upper confidence interval (95%)

The effect estimate for a 10% increase in TT or SHBG can be calculated by multiplying the beta (b) by ln(1.1)