**Does an Association Exist between Helicobacter pylori Seropositivity and Chronic Obstructive Pulmonary Disease?**

Marc A Sze, Yu-Wei Roy Chen, Sheena Tam, Donald Tashkin, Robert A. Wise, John E. Connett, S.F. Paul Man, Don D. Sin
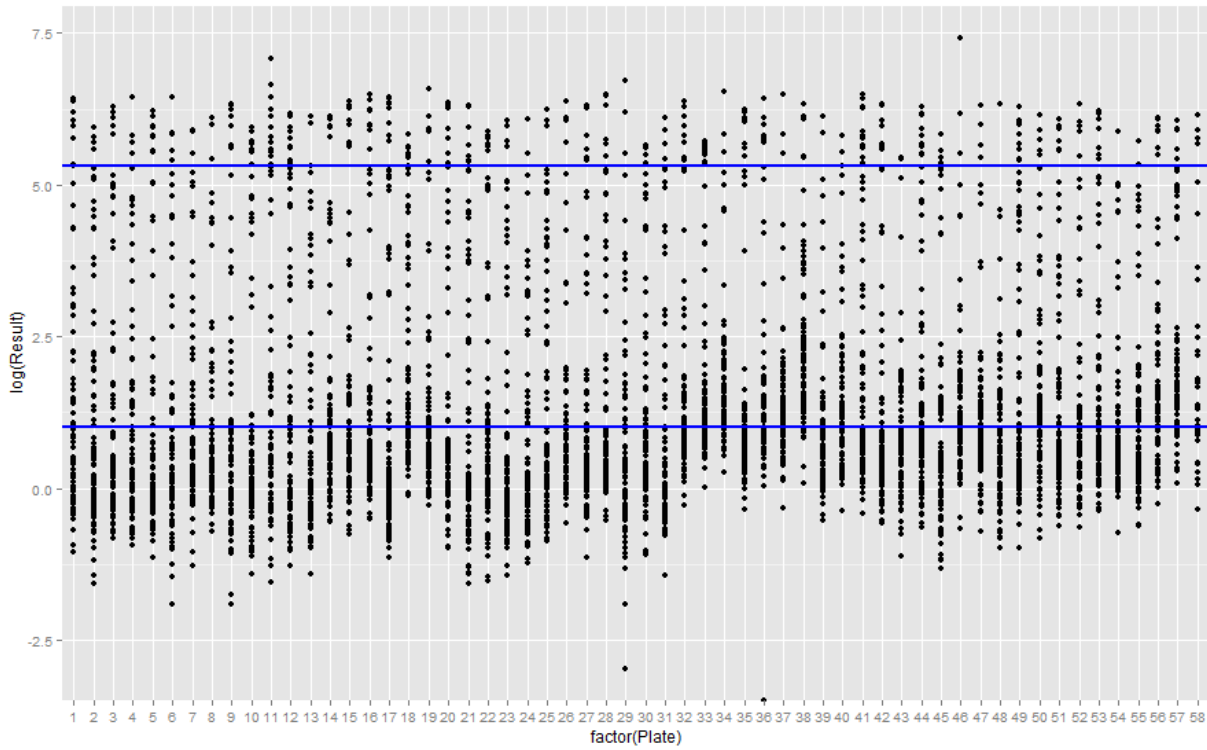
ONLINE DATA SUPPLEMENT

Table S1: Patient Characteristic Overview

| n	Age	Sex (% Male)	Smoking Start (years)	Pack Years	BMI	Height (cm)	Age at 5 year follow up
4765	53.5	63.1	17.5 ± 3.8	40.2 ± 18.7	25.6 ± 3.9	171.8 ± 9.6	53.5 ± 6.8
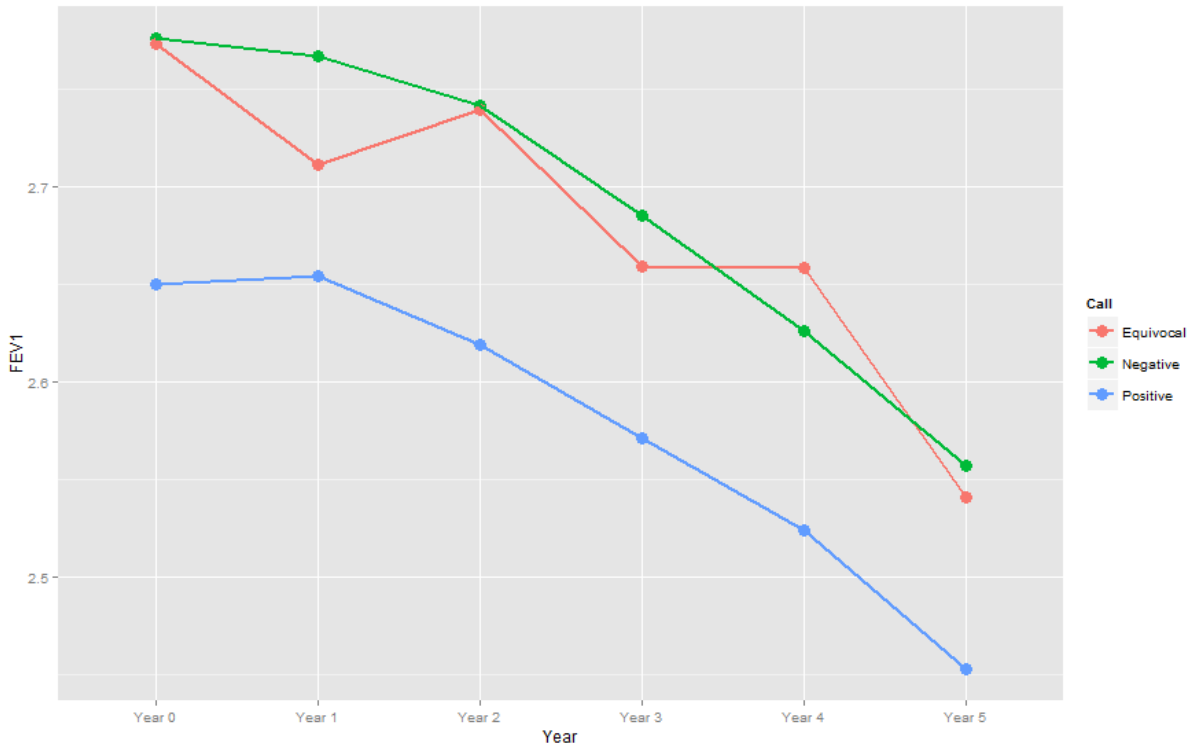
Figure S1: Three group plot of FEV1 (L) versus year for negative (<15 DU/mL), equivocal (15-18DU/mL), and positive (>18 DU/mL)

Figure S2: Natural log distribution of H.pylori measurements across all 58 ELISA plates. The lower blue line is the mean of the H.pylori negative individuals and the top blue line is the mean of the H.pylori positive individuals.

Table S2: Multiple regression model of height (in meters) versus age, sex, *H.pylori* IgG levels, median income, and years of education.

Variable	Estimate	Std.Error	T-value	P-value
Years of Education	1.9x10-1	4.2x10-2	4.5	$8.7x10^{-6}$
Median Income (US dollars)	1.1x10-5	9.9x10-6	1.1	0.25
H.Pylori IgG (DU/mL)	-6.73x10-2	6.0x10-2	-1.1	0.26
Males (versus females)	0.13	0.23	56.7	$2x10^{-16}$
Age (years)	-9.8x10-2	1.6x10-2	-5.9	$3.1x10^{-9}$
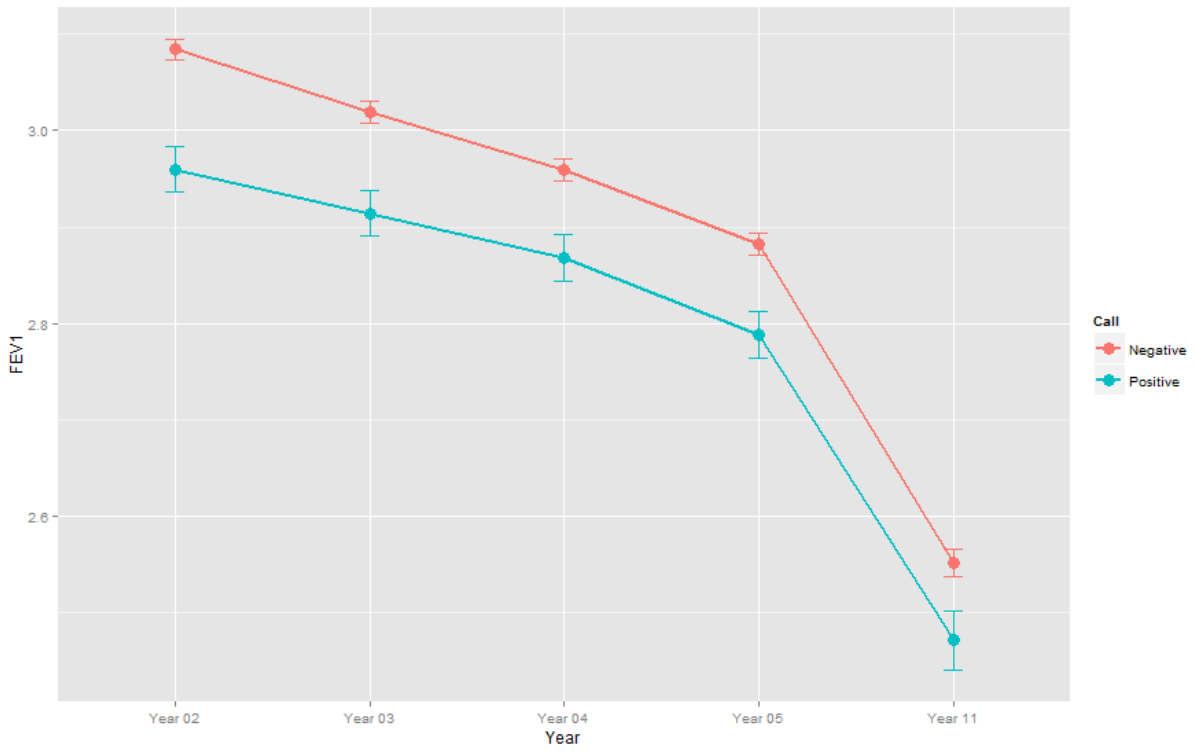
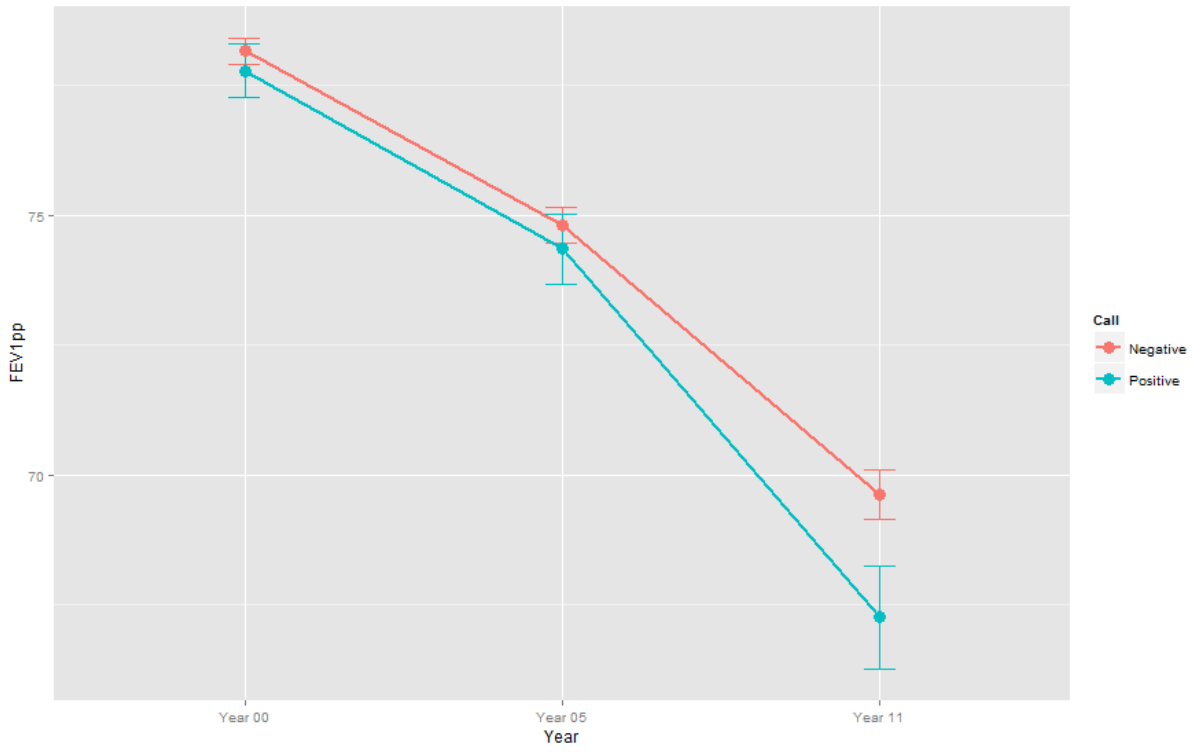**Figure S3: FEV1 in Males based on H.pylori positivity or negativity.**
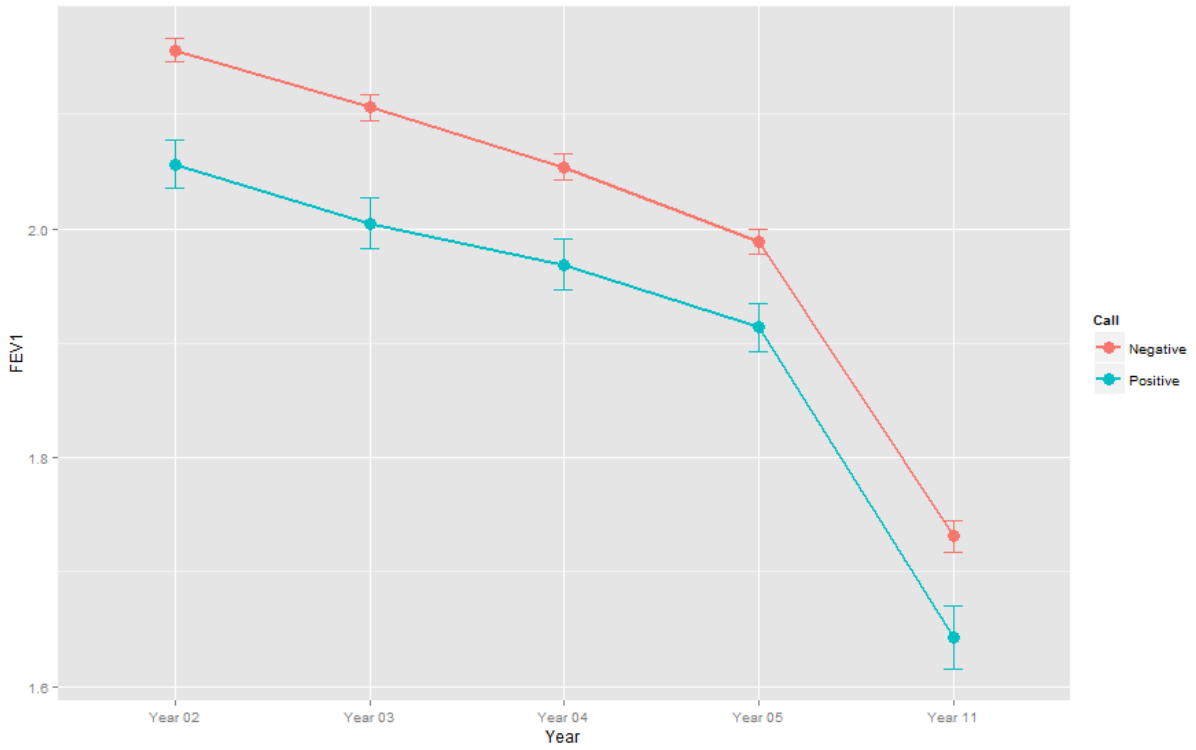
Figure S4: FEV1 in females based on H.pylori positivity or negativity.
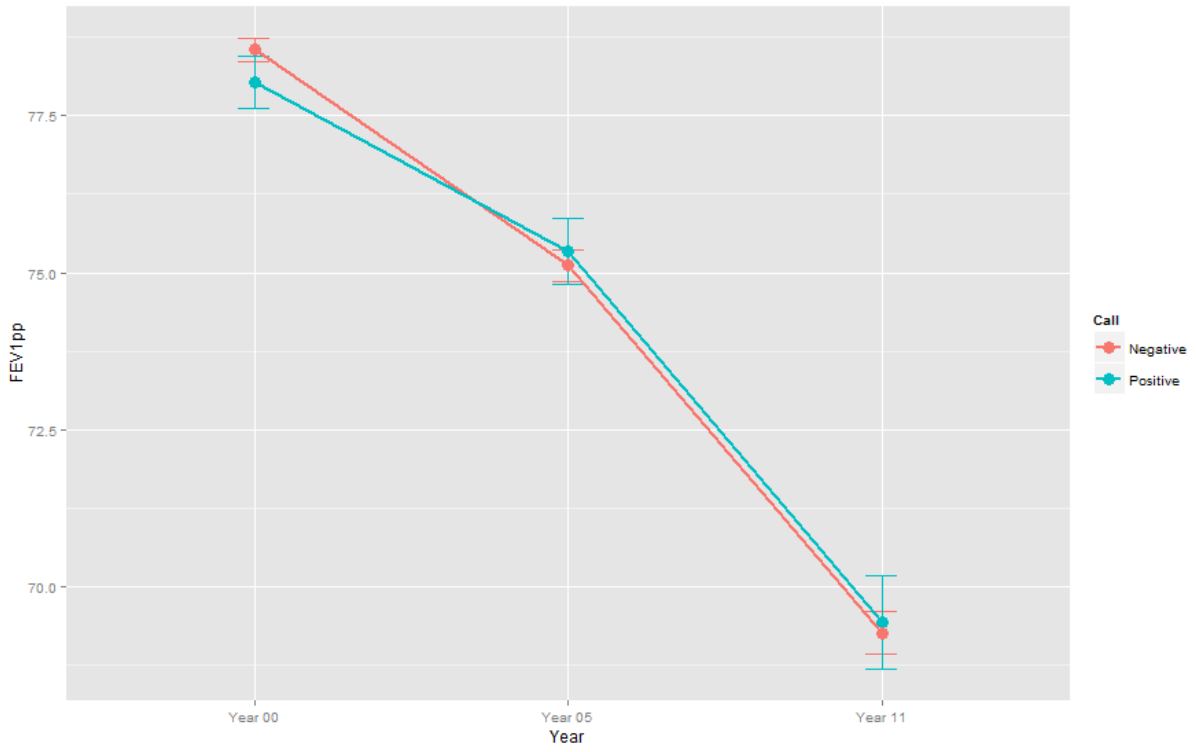
Figure S5: FEV1pp in males based on H.pylori positivity or negativity

Figure S6: FEV1pp in females based on H.pylori positivity or negativity