

Linear regression analysis of lung function and total IgE in association with endotoxin exposure with and without additional adjustment for farm childhood: association of change in lung function or total IgE with endotoxin exposure. Betas are associated with a 2-fold increase in endotoxin exposure. Analyses are all adjusted for possible confounders (age, gender and smoking).

			Not adjusted for farm childhood		Adjusted for farm childhood	
			beta	p	beta	p
Δ FEV1						
mL .year ⁻¹	baseline exposure		3.35	0.20	3.38	0.20
	farm childhood		-		19.54	0.08
% pred (GLI) .year ⁻¹	baseline exposure		0.02	0.75	0.02	0.74
	farm childhood		-		0.37	0.20
Δ FVC						
mL .year ⁻¹	baseline exposure		0.45	0.90	0.51	0.89
	farm childhood		-		42.83	0.01
% pred (GLI) .year ⁻¹	baseline exposure		-0.05	0.51	-0.05	0.52
	farm childhood		-		0.71	0.02
ΔFEV1/FVC						
.year ⁻¹	baseline exposure		0.05·10 ⁻³	0.07	0.05·10 ⁻³	0.07
	farm childhood		-		-0.19	0.13
% pred (GLI) .year ⁻¹	baseline exposure		0.07	0.06	0.07	0.06
	farm childhood		-		-0.23	0.13
ΔFEF25-75						
.year ⁻¹	baseline exposure		0.01	0.01	0.01	0.01
	farm childhood		-		0.00	0.98
% pred (GLI) .year ⁻¹	baseline exposure		0.27	0.04	0.27	0.04
	farm childhood		-		-0.13	0.82
Δ Total IgE						
IU .year ⁻¹	baseline exposure		-0.01	0.87	-0.01	0.90
	farm childhood		-		-0.85	0.02