

Table S2: Associations of asthma, allergic rhinitis, and aeroallergen IgE with FeNO using linear regression models, stratified by sex

	% difference in FeNO	
	Model 1	Model 2
Female		
Asthma vs no asthma*	98 (66, 136)	99 (64, 143)
AR vs. no AR [†]	42 (21, 67)	47 (24, 76)
Aeroallergen IgE vs. no aeroallergen IgE [‡]	93 (67, 124)	89 (61, 122)
Male		
Asthma vs no asthma*	96 (61, 138)	91 (53, 139)
AR vs. no AR [†]	54 (30, 82)	45 (21, 75)
Aeroallergen IgE vs. no aeroallergen IgE [‡]	104 (76, 137)	111 (80, 148)

*Current asthma defined as ever having an asthma diagnosis plus wheezing in the past year or taking asthma medications in the past month; “no asthma” defined as no asthma diagnosis, no wheezing and no use of asthma medications or wheezing in the past 12 months.

[†] AR defined as ever having a diagnosis of hay fever or AR; “no AR” with never diagnosis of hay fever or AR

[‡]Aeroallergen IgE defined as having any aeroallergen IgE > 0.35 IU/mL; “no aeroallergen IgE” with IgE ≤ 0.35 IU/mL
Model 1. Adjusted for current age and height.

Model 2. Model 1 additionally adjusted for race/ethnicity; maternal education and smoking during pregnancy; median value owner-occupied housing and percent ≥ bachelor’s degree (census tract, mid-childhood); and household income and any smokers at home at early teen visit.