

Secondhand smoke exposure and asthma outcomes among African American and Latino children with asthma.

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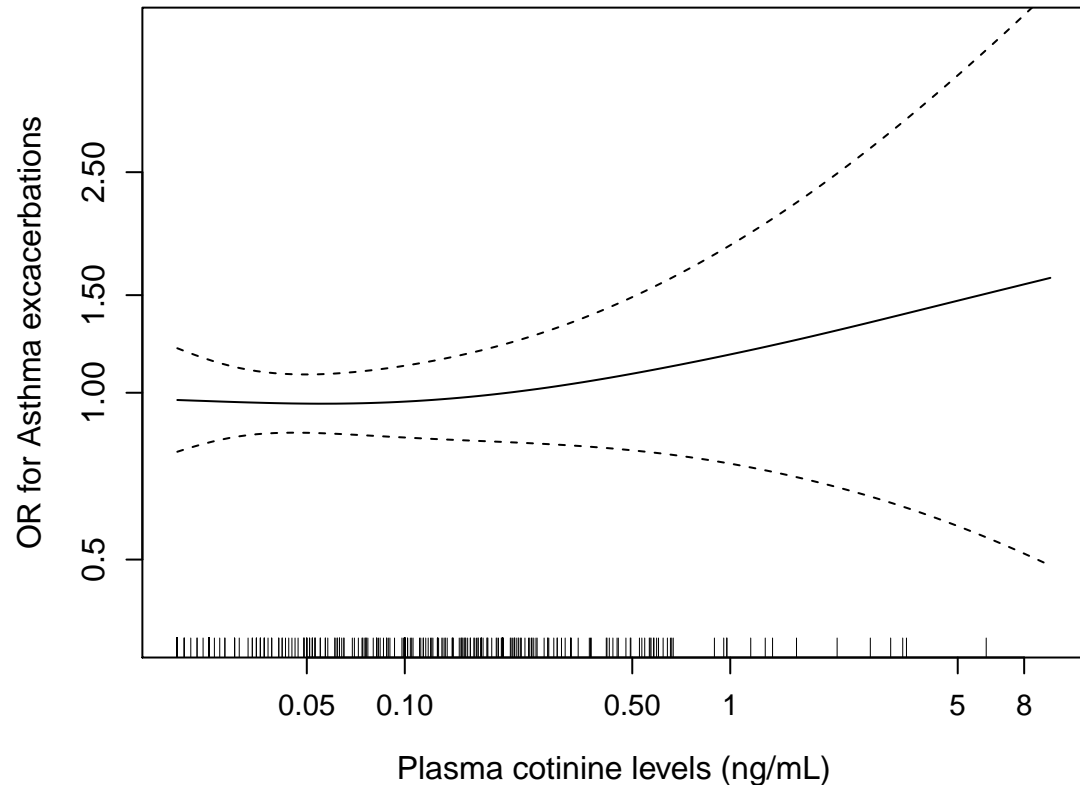
ONLINE DATA SUPPLEMENT

Table S1: Demographic characteristics of the study sample of 1208 children with asthma randomly selected for cotinine analysis data and the all asthma cases (n=3388) from the GALA II and SAGE II parent studies.

Characteristic, n (%)	Subsample (N=1208)	GALA II & SAGE II cases (N=3388)
Age (mean (sd))	13.1 (3.4)	13.4 (3.6)
Male	643 (53.2)	1805 (53.3)
Race/ethnicity		
Mexican	157 (13.0)	713 (21.0)
Other Latino	15 (1.2)	447 (13.2)
Puerto Rican	664 (55.0)	1214 (35.8)
African American	372 (30.8)	1014 (29.9)
Maternal education*		
5th grade or less	25 (2.1)	129 (3.8)
Grades 6 th -11 th	201 (16.8)	1224 (36.1)
High school grad. or equivalent	326 (27.2)	915 (27.0)
At least some college	646 (53.9)	1480 (43.1)
Health insurance	1175 (97.3)	3232 (95.7)
Any current smokers reported in household*	258 (25.4)	645 (19.0)
Recruitment region		
Chicago	74 (6.1)	328 (9.7)
Houston	34 (2.8)	213 (6.3)
New York	81 (6.7)	308 (9.1)
Puerto Rico	598 (49.5)	1089 (32.1)
SF Bay Area	421 (34.9)	1450 (42.8)
Asthma control*		
Controlled	255 (24.3)	844 (27.8)
Not well controlled	371 (35.3)	975 (32.1)
Very poorly controlled	424 (40.4)	1216 (40.1)
Asthma exacerbations in the past 12 months*		
Hospitalizations	100 (8.5)	250 (7.7)
ER visits	590 (50.0)	1483 (44.7)
Oral steroid prescription	432 (36.2)	932 (28.4)

*Due to missingness, percentages on self-reported number of current smokers, maternal education, asthma control and exacerbations are reported based on the total number of subjects with available information.

Figure S1: Dose-response of plasma cotinine and asthma exacerbations, and asthma control (very poorly controlled vs controlled), stratified by study (GALA II vs SAGE II) from generalized additive models using penalized splines.

GALA II**SAGE II**