

Table EI. Characteristics and exposures of participants, subdivided by stress category of the primary caregiver

Characteristic	Normal stress (PSS ≤7, N=247)	High stress (PSS=8-10, N=88)	Very high stress (PSS ≥11, N=16)	P value
	Mean ± SD or N (%)	Mean ± SD or N (%)	Mean ± SD or N (%)	
Age (years)	7.9 ± 1.9	7.8 ± 1.8	8.2 ± 2.3	0.70
Gender (male)	134 (54)	44 (50)	8 (50)	0.77
Caregiver gender (female)	239 (98)	82 (96)	16 (100)	0.60
<u>Race:</u>				
White	13 (5)	3 (3)	0 (0)	0.24
Black	89 (36)	29 (33)	4 (25)	
Hispanic	91 (37)	35 (40)	4 (25)	
Mixed	41 (17)	12 (14)	6 (38)	
Other	13 (5)	9 (10)	2 (12)	
<u>Household income:</u>				
< \$25,000	96 (39)	36 (41)	13 (81)	0.008
≥ \$25,000	111 (45)	33 (38)	1 (6)	
Missing	40 (16)	19 (22)	2 (12)	
Caregiver education (graduated high school)	202 (82)	69 (78)	13 (81)	0.79
Employment (≥ 1 employed adult in home)	189 (78)	57 (67)	9 (56)	0.03
Caregiver marital status (married)	80 (32)	22 (25)	3 (19)	0.26
Child overweight/obese (BMI percentile)	74.6 ± 27.2	72.9 ± 27.6	88.8 ± 15.2	0.09
Family history of asthma	195 (79)	73 (83)	15 (94)	0.28
Dampness in the home	89 (36)	29 (33)	10 (62)	0.08
≥1 smoker in home	78 (32)	29 (33)	9 (56)	0.13
Inhaled corticosteroid use	125 (51)	51 (58)	7 (44)	0.39
Medication adherence	176 (80)	60 (78)	11 (85)	0.82
>10 Hours television /week (weekdays)*	59 (32)	24 (35)	7 (47)	0.48
Child anxiety (RCMAS score)**	15.9 ± 5.6	14.9 ± 5.2	15	0.92
Good condition of houses and streets in Neighborhood	122 (66)	40 (59)	7 (47)	0.23
Household mouse allergen, µg/g	2.2 ± 8.6	1.0 ± 2.7	0.7 ± 1.5	0.39
Any household cockroach allergen	7 (3)	2 (3)	1 (7)	0.66

Classroom characteristics:

Moisture/mildew	67 (37)	36 (51)	5 (42)	0.10
Condition of walls, ceiling, floors, windows:				
Intact	89 (49)	34 (49)	4 (33)	0.27
Fair	72 (39)	33 (47)	7 (58)	
Poor	22 (12)	3 (4)	1 (8)	

Classroom mouse allergen (air), ng/m³ (IQR):

Fall	1.31 (0.58,2.83)	1.51 (0.40,3.42)	1.14 (0.70,3.30)	0.98
Spring	2.90 (1.21,6.14)	3.70 (1.50,6.57)	3.21 (1.06,3.91)	0.35

Classroom mouse allergen (dust), µg/g (IQR):

Fall	0.53 (0.15,2.26)	0.47 (0.18,2.98)	0.54 (0.29,2.28)	0.80
Spring	1.69 (0.40,5.76)	1.86 (0.51,6.60)	0.36 (0.17,6.98)	0.47
Any classroom cockroach allergen (air)	3 (1)	1 (1)	0 (0)	0.90
Any classroom cockroach allergen (dust)	2 (1)	1 (1)	0 (0)	0.90

* > 10 hours per week chosen because American Academy of Pediatrics recommendations are for maximum of 2 hours per day.

**only available in small subset (n=15 normal, n=7 high, n=1 very high)