

**Table S1:** Characteristics of study participants

		Total (N = 5803)		GINI/LISA South (N = 3306)		GINI/LISA North (N = 2497)		P-value *
		n/N	%	n/N	%	n/N	%	
<b>General characteristics</b>								
Males		2992/5803	51.6	1716/3306	51.9	1276/2497	51.1	0.562
Parental history of atopy		3381/5765	58.6	2193/3284	66.8	1188/2481	47.9	<0.001
Presence of older siblings		2729/5789	47.1	1374/3301	41.6	1355/2488	54.5	<0.001
Smoking	During pregnancy	820/5660	14.5	426/3214	13.3	394/2446	16.1	0.003
	Ever in home (1-4 years)	1969/5022	39.2	878/2935	29.9	1091/2087	52.3	<0.001
Parental education	< 10 years	492/5782	8.5	171/3294	5.2	321/2488	12.9	<0.001
	= 10 years	1577/5782	27.3	579/3294	17.6	998/2488	40.1	
	> 10 years	3713/5782	64.2	2544/3294	77.2	1169/2488	47.0	
Cohort	GINIplus observation arm	2410/5803	41.5	1054/3306	31.9	1356/2497	54.3	<0.001
	GINIplus intervention arm	1888/5803	32.5	1015/3306	30.7	873/2497	35.0	
	LISAplus	1505/5803	25.9	1237/3306	37.4	268/2497	10.7	
Owned furry pet during early life		932/5566	16.7	497/3183	15.6	435/2383	18.3	0.010
Lived on a farm during early life		242/5177	4.7	40/3070	1.3	202/2107	9.6	<0.001
Moved between birth and 10 years		3009/4741	63.5	1973/2837	69.5	1036/1904	54.4	<0.001
<b>Health outcomes at 10 years of age</b>								
Doctor diagnosed allergic rhinitis		406/4148	9.8	268/2483	10.8	138/1665	8.3	0.09
Eyes and nose symptoms		549/4250	12.9	378/2540	14.9	171/1710	10.0	<0.001
Sensitized to aeroallergens		972/2424	40.1	669/1558	42.9	303/866	35.0	<0.001
Sensitized to indoor aeroallergens		656/2421	27.1	442/1556	28.4	214/865	24.7	0.058
Sensitized to outdoor aeroallergens		722/2423	29.8	500/1558	32.1	222/865	25.7	0.001

\* Differences across the GINI/LISA South and GINI/LISA North areas tested by the Chi-squared test