

1 **Supplementary Table 1. Baseline characteristics of participants and climate data.**

Characteristic	
Male sex	51,396 (51.3)
Maternal history of allergic disease	49,197 (49.2)
Paternal history of allergic disease	21,327 (21.3)
Sunshine duration, hours/month	169 (26)
Humidity, %	67.3 (5.2)
Climate category for sunshine duration and humidity	
Long and high	15,240 (18.6)
Long and low	31,671 (38.6)
Short and high	19,401 (23.7)
Short and low	15,738 (19.2)

2 Values are mean (SD) or number (%).

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5 **Supplementary Table 2. Incidence rate of atopic dermatitis to 3 years of age by birth month.**

Timing of birth	Number of children	Mean person-years	Incidence per 100 person-years
Birth month			
January	7762	2.57	4.95
February	6987	2.59	4.34
March	7612	2.62	4.21
April	7721	2.60	4.24
May	8081	2.61	5.15
June	7862	2.58	4.54
July	8909	2.6	4.50
August	10,079	2.59	4.42
September	10,302	2.57	5.01
October	9457	2.56	5.38
November	7835	2.55	5.19
December	7693	2.55	5.21
Season			
January to March	22,361	2.59	4.50
April to June	23,664	2.60	4.31
July to September	29,290	2.59	4.65
October to December	24,985	2.55	5.27