

**S6 Table. Association between breastfeeding duration and prevalence of current eczema during childhood and adolescence—modified by maternal atopy, sex, ethnicity and maternal smoking**

<b>Association between breastfeeding and current eczema modified by maternal atopy</b>				
Breastfeeding duration	<b>Mothers with history of atopy<sup>a</sup> (n=2,437)</b>		<b>Mothers without history of atopy<sup>a</sup> (n=3,019)</b>	
	OR (95% CI)	p-value	OR (95% CI)	p-value
No breastfeeding	1.00	-	1.00	-
0-3 months	1.02 (0.86-1.22)	0.818	1.02 (0.85-1.22)	0.866
4-6 months	1.23 (0.99-1.54)	0.061	0.79 (0.62-1.00)	0.053
>6 months	1.14 (0.93-1.40)	0.193	0.91 (0.74-1.11)	0.338

  

<b>Association between breastfeeding and current eczema modified by sex</b>				
Breastfeeding duration	<b>Girls<sup>b</sup> (n=2,630)</b>		<b>Boys<sup>b</sup> (n=2,826)</b>	
	OR (95% CI)	p-value	OR (95% CI)	p-value
No breastfeeding	1.00	-	1.00	-
0-3 months	1.01 (0.84-1.21)	0.940	1.01 (0.85-1.21)	0.866
4-6 months	0.97 (0.78-1.22)	0.815	0.96 (0.77-1.20)	0.724
>6 months	1.06 (0.86-1.30)	0.604	0.92 (0.75-1.12)	0.405

  

<b>Association between breastfeeding and current eczema modified by ethnicity</b>				
Breastfeeding duration	<b>Whites<sup>c</sup> (n=4,190)</b>		<b>South Asians<sup>c</sup> (n=1,266)</b>	
	OR (95% CI)	p-value	OR (95% CI)	p-value
No breastfeeding	1.00	-	1.00	-
0-3 months	1.07 (0.93-1.24)	0.319	0.88 (0.66-1.17)	0.385
4-6 months	0.99 (0.83-1.19)	0.953	0.95 (0.65-1.37)	0.777
>6 months	1.00 (0.85-1.17)	0.973	0.95 (0.68-1.33)	0.755

  

<b>Association between breastfeeding and current eczema modified by maternal smoking</b>				
Breastfeeding duration	<b>Mothers smoked<sup>d</sup> (n=1,168)</b>		<b>Mothers did not smoke<sup>d</sup> (n=4,288)</b>	
	OR (95% CI)	p-value	OR (95% CI)	p-value
No breastfeeding	1.00	-	1.00	-
0-3 months	1.08 (0.83-1.40)	0.564	1.01 (0.88-1.17)	0.876
4-6 months	0.64 (0.41-1.01)	0.054	1.03 (0.86-1.22)	0.765
>6 months	0.76 (0.50-1.15)	0.192	1.03 (0.88-1.20)	0.719

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Data are presented as odds ratios (ORs) with their 95% confidence intervals (CIs) and associated p-values for adjusted generalized estimating equations (GEE) models.

The baseline group consisted of children who had not been breastfed.

Mothers with history of atopy: maternal history of asthma, hay fever or eczema.

All models are adjusted for age, sex, ethnicity, family education, Townsend deprivation index, day care attendance, number of older siblings, pet ownership (dog, cat, or bird), pre- and postnatal maternal smoking and maternal atopy.

<sup>a</sup> Adjusted exceptionally for maternal atopy.

<sup>b</sup> Adjusted exceptionally for sex.

<sup>c</sup> Adjusted exceptionally for ethnicity.

<sup>d</sup> Adjusted exceptionally for pre- and postnatal maternal smoking.

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