

eTable 1. Logistic regression of associations between maternal sleep outcomes and infant AD severity. Including the fully adjusted model without seasonality since when included, the regression model was not estimable.

Infant's AD causes maternal nocturnal waking (N=32)					
Independent variables	n	N	%	Unadjusted model OR (95% CI)	Fully adjusted model ^a OR (95% CI)
Mild AD	1	18	5.6	ref	ref
Moderate/severe AD	6	14	42.9	12.8 (1.3-124.4)*	71.0 (0.8-6461.3)**
Maternal report of difficulty sleeping over the past month, even when sleep was possible					
Mild AD	12	18	66.7	ref	ref
Moderate/severe AD	10	14	71.4	1.3 (0.3-5.7)	1.8 (0.3-11.8)
Maternal report of repeated memories, dreams, or nightmares, over the past month					
Mild AD	4	18	22.2	ref	ref
Moderate/severe AD	6	14	42.9	2.6 (0.6-12.2)	9.0 (0.8-106.0)

Abbreviations: AD, atopic dermatitis; CI, confidence interval; OR, odds ratio; ref, reference category

^aVariables included in Model 1: Infant age, Infant AD treatment, Infant allergic comorbidities, Maternal education, Maternal ethnicity.

*p=0.028, **p=0.064