

DATA SUPPLEMENT 3

Supplementary Table 2 - Presence of damp in kitchen, bathroom and living room, and, the occurrence of respiratory symptoms, healthcare utilisation, medication prescriptions and respiratory infections.

	Damp in kitchen 0-24 months	Damp in bathroom 0-24 months	Damp in living room 0-24 months
Wheeze	RR 1.18 (0.81-1.61) p=0.510	RR 1.14 (0.90-1.54) p=0.212	RR 1.14 (0.91-1.47) p=0.227
Dry cough	RR 0.80 (0.46-1.46) p=0.468	RR 1.01 (0.72-1.40) p=0.887	RR 1.21 (0.92-1.61) p=0.193
Primary care for cough and wheeze	OR 1.10 (0.76-1.62) p=0.580	OR 1.20 (0.89-1.60) p=0.267	OR 1.22 (0.93-1.77) p=0.133
Emergency department attendance wheeze	RR 0.73 (0.40-2.01) p=0.499	RR 1.40 (0.87-2.32) p=0.152	RR 1.20 (0.71-1.97) p=0.512
Secondary care for cough and wheeze	RR 1.12 (0.49-3.50) p=0.770	RR 0.98 (0.42-2.23) p=0.969	RR 1.01 (0.50-2.09) p=0.998
Reliever inhaler	RR 0.82 (0.51-1.44) p=0.510	RR 0.92 (0.69-1.35) p=0.770	RR 1.03 (0.77-1.38) p=0.852
Inhaled corticosteroid	RR 1.31 (0.52-4.10) p=0.501	RR 1.49 (0.74-3.11) p=0.299	RR 1.42 (0.74-2.76) p=0.301
Oral corticosteroid	RR 0.88 (0.22-2.30) p=0.643	RR 1.51 (0.84-2.90) p=0.180	RR 1.22 (0.69-2.22) p=0.489
Bronchiolitis	OR 1.02 (0.62-1.99) p=0.851	OR 1.30 (0.84-2.17) p=0.250	OR 1.04 (0.70-1.58) p=0.886
Pneumonia	OR 1.07 (0.27-4.60) p=0.911	OR 1.43 (0.50-3.10) p=0.493	OR 0.99 (0.35-2.91) p=0.987
Cold or flu	OR 1.13 (0.80-1.61) p=0.480	OR 1.12 (0.74-1.50) p=0.412	OR 1.32 (0.94-1.87) p=0.088
Otitis media	OR 1.03 (0.64-1.65) p=0.904	OR 0.96 (0.66-1.30) p=0.790	OR 1.30 (0.93-1.78) p=0.133

Adjusted relative risks (RR) and 95% confidence intervals (95%CI) were estimated for binary outcomes using log binomial regression. Adjusted odds ratios (OR) and 95% confidence intervals (95%CI) were estimated for ordered grouped counts using ordinal logistic regression. Models were adjusted for: the mother's level of education; daycare attendance; breast feeding beyond 6-months; siblings at home; environmental tobacco smoke exposure; child's bedroom flooring (as a surrogate of house dust mite); animal exposure; road traffic density (traffic pollution) around child's home (little/moderate/dense); and solid fuel pollution within home.