Web Appendix B: Results for other secondary infant allergic disease outcomes

Table B1: Infant allergic disease outcomes at one year - binary outcomes

	n-3 LCPUFA [a]	Control [a]	Unadjusted	Unadjusted	Adjusted [b]	Adjusted [b]
	(n=368)	(n=338)	RR (95% CI)	P-value	RR (95% CI)	P-value
Sensitisation without allergic disease	22(5.89%)	24(7.13%)	0.83 (0.46 to 1.47)	0.51	0.83 (0.47 to 1.47)	0.52
Suspected food allergy with sensitisation	16(4.21%)	21(6.16%)	0.68 (0.36 to 1.31)	0.25	0.69 (0.36 to 1.31)	0.25
Suspected egg allergy	9(2.45%)	18(5.34%)	0.46 (0.21 to 1.01)	0.052	0.47 (0.21 to 1.02)	0.06
Suspected or confirmed egg allergy	15(4.08%)	25(7.41%)	0.55 (0.29 to 1.02)	0.06	0.56 (0.30 to 1.04)	0.07
Eczema	89(24.25%)	92(27.23%)	0.89 (0.69 to 1.15)	0.37	0.90 (0.70 to 1.17)	0.45
Parent reported doctor diagnosis of eczema	101(27.41%)	100(29.68%)	0.92 (0.73 to 1.17)	0.51	0.93 (0.74 to 1.18)	0.56
Frequent or persistent wheeze or asthma with sensitisation	1(0.28%)	0(0.0%)		>0.99		
Allergic rhinitis with sensitisation	0(0.0%)	1(0.31%)		0.48		

Abbreviations: CI, confidence interval; n-3 LCPUFA, long chain polyunsaturated fatty acid; RR, relative risk.

[a] All data are based on analysis of 50 imputed datasets. For n-3 LCPUFA and control groups data are number of subjects (percentage).

[b] Adjusted for centre, parity, maternal history and sex.

[c] Fisher exact test using original data, adjusted/imputed analyses not done due to rarity of outcomes.

Table B2: Infant allergic disease outcomes at one year - Objective SCORAD score

	n-3 LCPUFA [b] (n=368)	Control [b] (n=338)	Unadjusted mean difference (95% CI)	Unadjusted P-value	Adjusted [c] mean difference (95% CI)	Adjusted [c] P-value
Objective SCORAD [a]	2.85(0.58)	2.64(0.66)	0.20 (-0.03 to 0.44)	0.09	0.21 (-0.03 to 0.44)	0.09

Abbreviations: CI, confidence interval; n-3 LCPUFA, long chain polyunsaturated fatty acid.

[a] *Objective SCORAD scores were log transformed to better satisfy the assumptions of the linear regression model.*

[b] *All data are based on analysis of 50 imputed datasets. For n-3 LCPUFA and control groups data are mean log Objective SCORAD score (standard deviation).*

[c] *Adjusted for centre, parity, maternal history and sex.*