

Table S12: Subgroup analysis in the intention-to-treat population: Incidence rate ratios WGF versus CF (95% CI) with p-values for intervention effect between subgroups

SUBGROUP	AD _{PRIMARY} ^a		AD _{UKWP} ^b		AD _{DOCTOR} ^b		AD _{ANY} ^b	
	IRR (95% CI)	p-value ^c	IRR (95% CI)	p-value ^c	IRR (95% CI)	p-value ^c	IRR (95% CI)	p-value ^c
Country		0.79		0.57		0.05		0.065
	ES	0.97 (0.69–1.38)	0.96 (0.69–1.33)		0.69 (0.52–0.92)*		0.73 (0.57–0.95)*	
	PL	1.06 (0.64, 1.76)	1.13 (0.7–1.84)		1.35 (0.73–2.5)		1.19 (0.76–1.86)	
Age at enrolment		0.063		0.22		0.14		0.59
	≥ 4 weeks	0.67 (0.4–1.12)	0.79 (0.49–1.28)		1.07 (0.66–1.73)		0.91 (0.61–1.35)	
	< 4 weeks	1.21 (0.85–1.71)	1.14 (0.82–1.58)		0.69 (0.51–0.94)*		0.79 (0.61–1.04)	
Parental AD		0.033		0.029		0.019		0.012
	no	1.14 (0.84–1.56)	1.14 (0.85–1.54)		0.89 (0.67–1.17)		0.93 (0.73–1.17)	
	yes	0.48 (0.22–1.03)	0.47 (0.22–1.02)		0.36 (0.17–0.76)**		0.39 (0.20–0.75)**	
Sex		0.32		0.54		0.47		0.38
	Male	1.11 (0.78–1.59)	1.08 (0.77–1.51)		0.85 (0.6–1.18)		0.9 (0.67–1.2)	
	Female	0.82 (0.5–1.33)	0.9 (0.57–1.41)		0.7 (0.47–1.04)		0.73 (0.52–1.04)	

^an=1871; ^bn=1881; ^cp-values for interaction: adjusted estimates including gender and country as covariates, center as a random effect, and an offset for observation time. The different effect of intervention between subgroups was assessed using a likelihood-ratio test; *p<0.05; **p<0.01

WGF: Whole goat milk formula; CF: Cow milk formula; AD: Atopic dermatitis; ES: Spain; PL: Poland; UKWP: United Kingdom Working Party; IRR: Incidence rate ratio; CI: confidence interval