

Table SI. Baseline characteristics by randomised treatment assignment (ITT)

	Treatment group		
	Olive oil (n=38)	Sunflower oil (n=38)	No oil (n=39)
Mothers age, years, mean (SD)	28.4 (4.7)	30.5 (5.9)	28.8 (5.7)
Parity, n (%)			
Primiparous	22 (58)	21 (55)	19 (49)
Multiparous	16 (42)	17 (45)	20 (51)
Mother ethnicity, n (%)			
White	27 (71)	31 (81)	29 (74)
Asian	8 (21)	3 (8)	7 (18)
Mixed race	1 (3)	1 (3)	0 (0)
Black minority ethnic	2 (5)	3 (8)	3 (8)
Other	0 (0)	0 (0)	0 (0)
Baby ethnicity, n (%)			
White	21 (55)	26 (68)	25 (64)
Asian	7 (18)	3 (8)	6 (15)
Mixed race	8 (21)	7 (18)	5 (13)
Black minority ethnic	2 (5)	2 (5)	2 (5)
Other	0 (0)	0 (0)	1 (3)
Family history of atopic eczema, n (%)	11 (29)	13 (34)	13 (33)
Gestation, weeks, mean (SD)	39.2 (1.3)	39.6 (1.3)	39.9 (1.1)
Birth weight, grams, mean (SD)	3,322 (410)	3,536 (475)	3,359 (450)
Gender, n (%)			
Male	19 (50)	22 (58)	25 (64)
Female	19 (50)	16 (42)	14 (36)
Place of birth, n (%)			
Study hospital	36 (95)	38 (100)	37 (95)
Other hospital	1 (3)	0 (0)	0 (0)
Home	1 (3)	0 (0)	2 (5)
Mode of birth, n (%)			
Vaginal	33 (87)	29 (76)	33 (85)
Elective caesarean section	0 (0)	3 (8)	1 (3)
Emergency caesarean section	5 (13)	6 (16)	5 (13)
Vernix, n (%)			
Absent	37 (97)	37 (97)	39 (100)
Minimal	1 (3)	1 (3)	0 (0)
First bath prior to randomisation, n (%)			
Yes	1 (3)	7 (18)	4 (10)
Products used during bath	1 (3)	2 (5)	0 (0)
Feeding method at birth, n (%)			
Breast	26 (68.4)	26 (68.4)	27 (69.2)
Bottle	11 (28.9)	6 (15.8)	12 (30.8)
Combined	1 (2.6)	6 (15.8)	0 (0)
Feeding method at 4 weeks, n (%)			
Breast	9 (32.1)	11 (37.9)	12 (34.3)
Bottle	14 (50.0)	9 (31.0)	15 (42.9)
Combined	5 (17.9)	9 (31.0)	8 (22.9)