

Table S2: Supplementary table Cheek

		NSS		SS		AR		AD		SS vs	SS vs	SS vs	NSS vs	NSS vs	AD vs
	n	median (range)		n	median (range)		n	median (range)		NSS	AD	AR	AD	AR	AR
Water levels [g _w /100g _t]															
0	30	32.7 (10.6-43.2)		28	33.2 (15.4-45.0)		27	31.5 (18.0-42.1)		ns.	ns.	ns.	ns.	ns.	ns.
4	30	36.4 (22.5-45.4)		28	36.1 (19.4-49.5)		27	35.3 (22.8-44.6)		ns.	ns.	ns.	ns.	ns.	ns.
8	30	49.2 (38.9-57.4)		28	49.5 (29.5-61.9)		27	47.8 (35.1-56.6)		ns.	ns.	ns.	ns.	ns.	ns.
12	30	61.4 (50.8-66.0)		28	60.7 (41.8-67.5)		27	60.9 (48.3-65.1)		ns.	ns.	ns.	ns.	ns.	ns.
16	30	66.5 (59.6-69.3)		28	66.4 (56.7-69.3)		27	66.7 (57.2-69.5)		ns.	ns.	ns.	ns.	ns.	ns.
20	30	68.6 (62.3-70.6)		28	68.2 (64.9-71.1)		27	68.8 (64.3-71.4)		ns.	ns.	ns.	ns.	ns.	ns.
24	30	69.5 (62.9-71.8)		28	69.6 (67.2-72.1)		27	69.8 (67.5-72.6)		ns.	ns.	ns.	ns.	ns.	ns.
28	30	69.9 (63.4-72.9)		28	70.1 (68.0-72.5)		27	70.5 (68.0-73.7)		ns.	ns.	ns.	ns.	ns.	ns.
32	30	70.4 (63.9-72.9)		28	70.3 (68.7-72.7)		27	70.6 (68.3-74.3)		ns.	ns.	ns.	ns.	ns.	ns.
NMF levels [a.u.]															
0	30	0.9 (0.5-1.4)		28	0.9 (0.5-1.5)		27	0.8 (0.4-1.4)		ns.	ns.	ns.	ns.	0.080	ns.
4	30	1.0 (0.6-1.4)		28	0.9 (0.5-1.7)		27	0.9 (0.5-1.5)		ns.	ns.	ns.	ns.	ns.	ns.
8	30	0.7 (0.4-1.3)		28	0.7 (0.4-1.2)		27	0.6 (0.4-1.1)		ns.	ns.	ns.	0.065	ns.	ns.
12	30	0.4 (0.3-0.9)		28	0.4 (0.3-0.7)		27	0.4 (0.3-0.9)		ns.	ns.	ns.	0.057	ns.	ns.
16	30	0.4 (0.3-0.6)		28	0.4 (0.3-0.7)		27	0.4 (0.3-0.6)		ns.	ns.	ns.	0.080	ns.	ns.
Ceramide levels [a.u.]															
0	30	111.7 (63.2-175.4)		28	99.5 (49.9-192.7)		27	96.7 (43.7-233.4)		ns.	ns.	ns.	ns.	0.095	ns.
4	30	103.6 (60.3-180.3)		28	92.2 (52.0-191.6)		27	86.9 (43.0-177.7)		ns.	ns.	ns.	0.085	ns.	ns.
8	30	60.7 (31.9-105.5)		28	53.7 (38.2-118.6)		27	54.2 (28.0-108.7)		0.086	ns.	ns.	0.097	ns.	ns.
12	30	42.1 (26.0-69.8)		28	39.8 (29.2-64.0)		27	40.2 (23.2-79.8)		ns.	ns.	ns.	ns.	ns.	ns.
16	30	35.8 (21.0-55.8)		28	32.5 (23.3-55.7)		27	34.1 (21.6-59.8)		ns.	ns.	ns.	ns.	ns.	ns.

AD: atopic dermatitis; AR: allergic rhinoconjunctivitis; a.u.: arbitrary units; $g_w/100g_t$: grams of water/100 grams of wet tissue; NMF: natural moisturizing factor; ns: no statistically significant difference; NSS: non-sensitive skin; SS: sensitive skin.