

Table SI. Number in the study population and prevalence (%) of various types of self-reported dermatological problems

Age range for females and males	Study population, <i>n</i>	Hand eczema (%)		Eczema (other than hand) (%)		Psoriasis (%)		Acne (%)	
		Mild	Severe	Mild	Severe	Mild	Severe	Mild	Severe
18–29 years	710	9.30	1.55	13.66	2.39	2.11	0.56	31.97	2.68
30–44 years	1,215	7.74	1.65	11.52	0.91	2.63	0.41	14.16	0.82
45–64 years	1,799	5.89	1.06	10.34	0.94	4.06	0.72	3.50	0.22
65–84 years	1,151	3.91	0.43	8.08	0.43	4.00	0.26	0.43	0.00
Total	4,875	6.38	1.13	10.58	1.03	3.41	0.51	9.58	0.68

Table SII. Self-reported use of dermatological pharmaceuticals (%) among responders reporting dermatological diseases or problems. Reported severe and mild problems are pooled together. Statistical significances from the logistic regression analysis for each type of reported use of dermatologicals are given. Psoriasis, other eczema and acne were compared with hand eczema (reference group) controlling for sex and age (n=1,280)

Diagnosis	Dermatological pharmaceuticals					
	Topical steroids, on prescription % (p-value)	Other pharmaceuticals, on prescription % (p-value)	Topical steroids, OTC % (p-value)	Other pharmaceuticals, OTC % (p-value)	Natural/Herbal products % (p-value)	Any dermatological pharmaceutical % (p-value)
Included in the logistic regression analyses						
Hand eczema ^a	29.5	4.4	15.3	23.8	6.3	51.6
Psoriasis	46.6 (<0.0001)	9.4 (0.0020)	13.1 NS	17.8 NS	6.3 NS	61.3 (0.0002)
Other eczema	39.9 (<0.0001)	6.5 (0.0059)	22.3 (<0.0001)	20.8 NS	4.8 NS	62.4 (<0.0001)
Acne	10.8 (0.0014)	2.8 NS	8.2 NS	16.6 NS	4.8 NS	31.2 (0.0017)
Not included in the logistic regression analyses						
Urticaria	26.7	6.7	14.0	21.3	8.7	50.7
Other skin problems	26.6	7.2	10.0	24.1	6.9	51.9

^aComparison group.

OTC: over the counter; NS: not significant.

Table SIII. Short Form 36 (SF-36) scores for the entire study population and by various types of self-reported dermatological problems physical function (PF), role limitations because of physical health (RP), bodily pain (BP), general health (GH), vitality (VT), social functioning (SF), role limitation because of emotional health (RE), and mental health (MH)

	Total <i>n</i>	SF-36 score							
		PF	RP	BP	GH	VT	SF	RE	MH
Population	4,875	86.4	80.2	71.8	70.3	61.6	85.1	83.4	76.8
<i>Dermatological conditions</i>									
<i>Hand eczema</i>									
No	4,509	86.6	80.4	72.1	70.8	62.0	85.4	83.7	77.1
Mild	311	85.4	79.0	69.2	66.0	56.8	83.3	81.5	73.8
Severe	55	83.4	70.5	63.2	55.5	47.9	73.1	66.7	64.6
<i>Eczema (other)</i>									
No	4,309	86.6	80.9	72.3	71.0	62.5	85.6	84.0	77.4
Mild	516	86.0	75.5	69.1	66.2	55.9	82.5	79.8	73.1
Severe	50	81.2	65.1	57.4	57.0	43.4	71.0	62.4	62.8
<i>Psoriasis</i>									
No	4,684	86.6	80.3	72.1	70.6	61.7	85.3	83.4	76.9
Mild	166	84.4	76.4	68.1	66.8	60.0	80.8	82.6	75.8
Severe	25	77.2	72.2	49.5	44.0	48.3	71.5	72.2	61.5
<i>Acne</i>									
No	4,375	85.7	80.2	71.7	70.5	62.6	85.8	84.5	77.8
Mild	467	93.1	80.0	73.1	69.7	52.9	79.5	74.3	68.3
Severe	33	88.9	72.6	64.8	60.6	43.4	68.2	73.1	58.3

Table SIV. Linear regression analyses relating dermatological conditions, sex and age to the Short Form 36 (SF-36) dimensions PF: Physical Functioning, RP=Role Physical, BP: Bodily Pain, GH: general Health, VT: Vitality, SF: Social Functioning, RE: Role Emotional and MH: Mental Health, respectively

SF-36 dimensions																
	PF		RP		BP		GH		VT		SF		RE		MH	
	Estimate	p-value	Estimate	p-value	Estimate	p-value	Estimate	p-value	Estimate	p-value	Estimate	p-value	Estimate	p-value	Estimate	p-value
Intercept	98.18		91.69		83.79		78.36		63.83		90.00		84.98		76.35	
<i>Dermatological problems (no dermatological problems^a)</i>																
Hand eczema mild	-2.49	0.0232	-0.20	NS	-2.32	0.0021	-4.11	0.0021	-1.61	0.0021	-0.14	NS	0.17	NS	-0.62	NS
Hand eczema severe	-2.49	NS	-5.41	NS	-3.62	0.0006	-10.79	0.0006	-5.94	0.0006	-6.26	0.0490	-11.18	0.0143	-6.08	0.0260
Eczema mild	-1.29	NS	-5.75	0.0005	-3.20	0.0103	-4.20	<0.0001	-5.29	<0.0001	-2.44	0.0217	-3.49	0.0252	-3.18	0.0005
Eczema severe	-6.74	0.0135	-16.07	0.0018	-12.55	0.0012	-9.30	0.0052	-13.69	<0.0001	-10.34	0.0016	-16.94	0.0005	-8.89	0.0018
Psoriasis mild	-0.61	NS	-2.47	NS	-2.67	NS	-2.27	NS	-1.84	NS	-4.53	0.0103	-1.00	NS	-1.49	NS
Psoriasis severe	-8.10	0.0335	-3.05	NS	-18.30	0.0008	-21.43	<0.0001	-7.67	NS	-8.14	NS	-4.53	NS	-10.92	0.0061
Acne mild	0.71	NS	-4.68	0.0083	-3.21	0.0186	-4.34	0.0002	-6.22	<0.0001	-6.21	<0.0001	-8.65	<0.0001	-6.26	<0.0001
Acne severe	-2.86	NS	-10.78	NS	-9.74	0.0366	-10.80	0.0058	-13.27	0.0012	-14.87	<0.0001	-6.81	NS	-13.86	<0.0001
Sex (men ^b) women	-4.46	<0.0001	-4.27	<0.0001	-5.58	<0.0001	-2.39	0.0002	-5.69	<0.0001	-4.20	<0.0001	-3.75	<0.0001	-3.66	<0.0001
Age range (18-24) ^b	-2.36	0.0073	-4.96	0.0025	-3.55	0.0049	-1.02	NS	-0.63	NS	-1.94	NS	2.05	NS	1.85	NS
30-44 years																
45-64 years	-8.98	<0.0001	-7.13	<0.0001	-10.18	<0.0001	-6.11	<0.0001	2.95	0.0063	-1.26	NS	4.07	0.0076	4.71	<0.0001
65-84 years	-22.20	<0.0001	-17.85	<0.0001	-13.40	<0.0001	-11.73	<0.0001	6.77	<0.0001	-1.44	NS	-0.22	NS	6.81	<0.0001

^aComparison group.
NS: not significant.