

Table S1 Association between risk factors and hand eczema—logistic regression analysis

	Hand eczema		Univariate	
	No, n (%)	Yes, n (%)	OR (95% CI)	P value
Use of moisturizers daily				
1	207 (40.2)	21 (4.1)	1	0.999
1–5	244 (47.2)	27 (5.2)	0.991 (0.502–1.958)	0.979
5–10	13 (2.5)	1 (0.2)	0.832 (0.094–7.349)	0.868
>10	2 (0.4)	0 (0.0)	0	0.999
Kitchen work time				
≤0.5	278 (53.4)	30 (5.8)	1	
>0.5	193 (37.0)	20 (3.8)	0.960 (0.530–1.741)	0.894
Daily hours of cleaning and doing laundry				
≤0.5	320 (61.4)	34 (6.5)	1	
>0.5	151 (29.0)	16 (3.1)	0.997 (0.534–1.863)	0.993
Frequent use of cosmetics				
No	373 (71.6)	38 (7.3)	1	
Yes	98 (18.8)	12 (2.3)	1.202 (0.605–2.387)	0.599
Frequent use of lubricating oil				
No	459 (88.1)	49 (9.4)	1	
Yes	12 (2.3)	1 (0.2)	0.781 (0.099–6.132)	0.814
Frequent contact with metal				
No	461 (88.5)	50 (9.6)	1	
Yes	10 (2.1)	0 (0.0)	0	0.999
Frequent contact with raw meat				
No	426 (81.8)	25 (8.6)	1	
Yes	45 (8.6)	5 (1.0)	1.052 (0.397–2.785)	0.919
Frequent contact with plants				
No	441 (84.6)	47 (9.0)	1	
Yes	30 (5.8)	3 (0.6)	0.938 (0.276–3.192)	0.919
Frequent contact with soil				
No	461 (88.5)	50 (9.6)	1	
Yes	10 (1.9)	0 (0.0)	0	0.999
Hay fever				
No	378 (72.6)	40 (7.7)	1	0.966
Yes	93 (17.9)	10 (1.9)	1.106 (0.490–2.107)	
Asthma				
No	463 (88.9)	49 (9.4)	1	0.877
Yes	8 (1.5)	1 (0.2)	1.181 (0.145–9.641)	
Family history of allergy disease				
No	155 (29.8)	17 (3.3)	1	0.876
Yes	316 (60.7)	33 (6.3)	1.050 (0.567–1.944)	

OR, odds ratio; CI, confidence interval.