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**Table SI. Standardized assessment tools applied in the study**

Questionnaire (abbreviation)	Number of questions	Possible answers (value)	Range	Classification
<b>Dermatology Life Quality Index (DLQI)</b>	10	<input type="checkbox"/> very much (3) <input type="checkbox"/> a lot (2) <input type="checkbox"/> a little (1) <input type="checkbox"/> not at all (0) <input type="checkbox"/> not relevant (0)	0-30	0-1: no effect at all on patient's life 2-5: small effect on patient's life 6-10: moderate effect on patient's life 11-20: very large effect on patient's life 21-30: extremely large effect on patient's life
<b>Lie/Bet Questionnaire</b>	2	<input type="checkbox"/> yes (1) <input type="checkbox"/> no (0)	0-2	0: no gambling addiction >0: gambling addiction
<b>Alcohol Use Disorders Identification Test (AUDIT)</b>	10	<input type="checkbox"/> never <sup>a</sup> <input type="checkbox"/> less than monthly <input type="checkbox"/> monthly <input type="checkbox"/> weekly <input type="checkbox"/> daily or almost daily	0-40	0-7: no problematic drinking <sup>b</sup> 8-12/8-14: hazardous or harmful drinking >12/14: alcohol dependence
<b>Drug Use Disorders Identification Test (DUDIT)</b>	11	<input type="checkbox"/> never <sup>c</sup> <input type="checkbox"/> less often than once a month <input type="checkbox"/> every month <input type="checkbox"/> every week <input type="checkbox"/> daily or almost every day	0-44	0-1/0-5: no drug-related problem <sup>d</sup> 2-24/6-24: drug-related problem 25-44: drug addiction
<b>Modified Yale Food Addiction Scale 2.0 (mYFAS 2.0)</b>	13	<input type="checkbox"/> never (0) <input type="checkbox"/> less than once a month (1) <input type="checkbox"/> once a month (2) <input type="checkbox"/> 2-3 times per month (3) <input type="checkbox"/> once a week (4) <input type="checkbox"/> 2-3 times per week (5) <input type="checkbox"/> 4-6 times per week (6) <input type="checkbox"/> daily (7)	11 (symptoms) 2 (impairment/distress)	0-1: no eating disorder 2-3: mild eating disorder <sup>e</sup> 4-5: moderate eating disorder <sup>e</sup> 6-11: severe eating disorder <sup>e</sup>
<b>Internet Addiction Test (IAT)</b>	20	<input type="checkbox"/> rarely (1) <input type="checkbox"/> occasionally (2) <input type="checkbox"/> frequently (3) <input type="checkbox"/> often (4) <input type="checkbox"/> always (5) <input type="checkbox"/> does not apply (0)	0-100	0-30: no internet addiction 31-49: mild addiction 50-79: moderate addiction 80-100: severe addiction

<sup>a</sup>: Answer options for questions 1, 2, 9, and 10 are different with either 5 or 3 options; <sup>b</sup>: Alcohol threshold for female/male gender; <sup>c</sup>: Answer options for questions 1,2,3 and 10,11 are different with either 5 or 3 options; <sup>d</sup>: Drugs threshold for female/male gender; <sup>e</sup>: Plus items for impairment or distress.

Table III. Logistic regression models for smoking addiction for atopic dermatitis (n=100) and psoriasis patients (n=104)

Smoking	Atopic dermatitis						Psoriasis						
	Standardized coefficients (B)	Std. error	Odds ratio	95% confidence interval		P value	Standardized coefficients (B)	Std. error	Odds ratio	95% confidence interval		P value	
				Lower value	Upper value					Lower value	Upper value		
<b>Model 1</b>						0.883						0.020 <sup>c</sup>	
	<b>1. Disease duration</b>	-0.010	0.020	0.990	0.952	1.030	0.628	-0.029	0.017	0.971	0.939	1.005	0.093
	<b>2. DLQI</b>	0.003	0.037	1.003	0.933	1.079	0.931	0.060	0.031	1.062	0.999	1.129	0.055
<b>R-square<sup>a</sup></b>		0.004						0.100					
<b>Chi-square<sup>b</sup></b>		0.249						7.842					
<b>Model 2</b>						0.021 <sup>c</sup>							0.565
	<b>1. Disease duration</b>	-0.011	0.021	0.989	0.949	1.030	0.587	-0.030	0.017	0.970	0.938	1.004	0.083
	<b>2. DLQI</b>	-0.052	0.045	0.950	0.869	1.037	0.251	0.052	0.034	1.053	0.985	1.126	0.126
	<b>3. Happiness</b>	-0.299	0.133	0.741	0.571	0.963	0.025 <sup>c</sup>	-0.058	0.100	0.944	0.776	1.148	0.565
<b>R-square<sup>a</sup></b>		0.096						0.104					
<b>Chi-square<sup>b</sup></b>		5.355						0.331					
<b>Model 3</b>						0.925							0.255
	<b>1. Disease duration</b>	-0.011	0.021	0.989	0.949	1.030	0.588	-0.034	0.018	0.967	0.934	1.001	0.057
	<b>2. DLQI</b>	-0.053	0.048	0.948	0.864	1.041	0.265	0.042	0.035	1.043	0.974	1.117	0.227
	<b>3. Happiness</b>	-0.300	0.133	0.741	0.571	0.962	0.025 <sup>c</sup>	-0.044	0.100	0.957	0.786	1.164	0.658
	<b>4. Severity</b>	0.013	0.142	1.013	0.768	1.338	0.925	0.105	0.094	1.111	0.924	1.335	0.263
<b>R-square<sup>a</sup></b>		0.096						0.120					
<b>Chi-square<sup>b</sup></b>		0.009						1.296					
<b>Model 4</b>						0.468							0.864
	<b>1. Disease duration</b>	-0.008	0.022	0.992	0.950	1.037	0.725	-0.033	0.019	0.968	0.932	1.005	0.086
	<b>2. DLQI</b>	-0.054	0.048	0.948	0.863	1.041	0.261	0.042	0.035	1.043	0.974	1.117	0.226

	<b>3. Happiness</b>	-0.304	0.135	0.738	0.566	0.962	0.025 <sup>c</sup>	-0.044	0.100	0.957	0.786	1.164	0.659
	<b>4. Severity</b>	0.003	0.141	1.003	0.760	1.324	0.981	0.104	0.094	1.110	0.924	1.334	0.266
	<b>5. Age</b>	-0.012	0.018	0.988	0.954	1.023	0.484	-0.003	0.017	0.997	0.964	1.031	0.864
<b>R-square<sup>a</sup></b>		0.104						0.120					
<b>Chi-square<sup>b</sup></b>		0.526						0.030					
<b>Model 5</b>							0.916	0.616					
	<b>1. Gender (male)</b>	0.171	0.599	1.187	0.367	3.840	0.775	0.413	0.442	1.511	0.635	3.595	0.350
	<b>2. Place of living (rural)</b>	0.175	0.649	1.191	0.334	4.252	0.788	0.188	0.493	1.207	0.459	3.174	0.703
	<b>3. Employment (unemployed)</b>	0.552	0.637	1.737	0.498	6.053	0.386	0.037	0.518	1.037	0.376	2.863	0.943
	<b>4. Marital status (in a relationship/married)</b>	-0.060	0.598	0.942	0.292	3.044	0.921	-0.614	0.435	0.541	0.231	1.269	0.158
<b>R-square<sup>a</sup></b>		0.017						0.035					
<b>Chi-square<sup>b</sup></b>		0.958						2.659					

Hierarchical introduction of parameters; Model 1: disease duration, DLQI score; Model 2: happiness score; Model 3: disease severity; Model 4: age; Model 5: gender (reference: female), place of living (reference: urban), employment (reference: employed), marital status (reference: single/divorced/separated/widowed).

<sup>a</sup>: Nagelkerke R-square; <sup>b</sup>: Chi-square for each model; <sup>c</sup>: significant at 0.05 level; DLQI: Dermatology Life Quality Index.

Table SIII. Logistic regression models for gambling addiction for atopic dermatitis (n=100) and psoriasis patients (n=104)

Gambling	Atopic dermatitis						Psoriasis						
	Standardized Coefficients (B)	Std. Error	Odds Ratio	95% confidence interval		P value	Standardized Coefficients (B)	Std. Error	Odds Ratio	95% confidence interval		P value	
				Lower value	Upper value					Lower value	Upper value		
<b>Model 1</b>													
	<b>1. Disease duration</b>	0.015	0.050	1.015	0.919	1.120	0.769	-0.031	0.037	0.970	0.903	1.042	0.451
	<b>2. DLQI</b>	-0.039	0.101	0.962	0.789	1.173	0.702	-0.086	0.092	0.918	0.766	1.099	0.352
	<b>R-square<sup>a</sup></b>	0.014						0.043					
	<b>Chi-square<sup>b</sup></b>	0.252						1.593					
<b>Model 2</b>													0.013 <sup>c</sup>
	<b>1. Disease duration</b>	0.015	0.052	1.015	0.917	1.123	0.776	-0.045	0.038	0.956	0.887	1.030	0.235
	<b>2. DLQI</b>	-0.076	0.109	0.927	0.749	1.147	0.487	-0.210	0.127	0.810	0.632	1.039	0.097
	<b>3. Happiness</b>	-0.233	0.303	0.792	0.437	1.435	0.442	-0.497	0.210	0.609	0.404	0.918	0.018 <sup>c</sup>
	<b>R-square<sup>a</sup></b>	0.044						0.203					
	<b>Chi-square<sup>b</sup></b>	0.540						6.236					
<b>Model 3</b>													0.246
	<b>1. Disease duration</b>	0.013	0.055	1.013	0.910	1.127	0.816	-0.045	0.041	0.956	0.883	1.035	0.267
	<b>2. DLQI</b>	-0.113	0.115	0.893	0.712	1.120	0.327	-0.217	0.135	0.805	0.618	1.048	0.107
	<b>3. Happiness</b>	-0.233	0.287	0.793	0.451	1.392	0.418	-0.595	0.244	0.551	0.342	0.890	0.015 <sup>c</sup>
	<b>4. Severity</b>	0.407	0.439	1.502	0.635	3.552	0.354	-0.214	0.187	0.807	0.560	1.164	0.251
	<b>R-square<sup>a</sup></b>	0.105						0.237					
	<b>Chi-square<sup>b</sup></b>	1.093						1.345					
<b>Model 4</b>													0.750
	<b>1. Disease duration</b>	0.209	0.260	1.232	0.741	2.050	0.422	-0.041	0.042	0.960	0.883	1.043	0.329
	<b>2. DLQI</b>	-0.099	0.124	0.905	0.711	1.153	0.421	-0.219	0.137	0.803	0.615	1.050	0.109
	<b>3. Happiness score</b>	-0.202	0.310	0.817	0.444	1.501	0.515	-0.609	0.251	0.544	0.333	0.890	0.015 <sup>c</sup>
	<b>4. Severity</b>	0.314	0.407	1.369	0.617	3.038	0.440	-0.225	0.191	0.799	0.549	1.161	0.239
	<b>5. Age</b>	-0.204	0.225	0.815	0.524	1.268	0.365	-0.011	0.035	0.989	0.923	1.060	0.751
	<b>R-square<sup>a</sup></b>	0.244						0.239					
	<b>Chi-square<sup>b</sup></b>	2.566						0.102					
<b>Model 5</b>													0.024 <sup>c</sup>
							0.306						

<b>1. Gender (male)</b>	18.304	5327.678	8.898 × 10 <sup>7</sup>	0.000	0.997	19.095	6115.355	1.965 × 10 <sup>8</sup>	0.000	0.998		
<b>2. Place of living (rural)</b>	-17.289	6928.460	0.000	0.000	0.998	-0.399	1.252	0.671	0.058	7.812	0.750	
<b>3. Employment (unemployed)</b>	2.055	1.756	7.805	0.250	243.601	0.242	0.669	1.015	1.952	0.267	14.267	0.510
<b>4. Marital status (in a relationship/married)</b>	0.983	1.752	2.671	0.086	82.879	0.575	-1.919	1.182	0.147	0.014	1.487	0.104
<b>R-square<sup>a</sup></b>	0.264						0.288					
<b>Chi-square<sup>b</sup></b>	4.822						11.255					

Hierarchical introduction of parameters; Model 1: disease duration, DLQI score; Model 2: happiness score; Model 3: disease severity; Model 4: age; Model 5: gender (reference: female), place of living (reference: urban), employment (reference: employed), marital status (reference: single/divorced/separated/widowed).

<sup>a</sup>: Nagelkerke R-square; <sup>b</sup>: Chi-square for each model; <sup>c</sup>: significant at 0.05 level; DLQI: Dermatology Life Quality Index.

Table SIV. Logistic regression models for alcohol addiction for atopic dermatitis (n=100) and psoriasis patients (n=104)

Alcohol	Atopic dermatitis						Psoriasis						
	Standardized Coefficients (B)	Std. Error	Odds Ratio	95% confidence interval		P value	Standardized Coefficients (B)	Std. Error	Odds Ratio	95% confidence interval		P value	
				Lower value	Upper value					Lower value	Upper value		
<b>Model 1</b>						0.885						0.624	
	<b>1. Disease duration</b>	0.010	0.021	1.010	0.969	1.053	0.639	-0.021	0.024	0.979	0.933	1.027	0.386
	<b>2. DLQI</b>	-0.005	0.040	0.995	0.920	1.075	0.892	0.011	0.043	1.011	0.928	1.101	0.803
	<b>R-square<sup>a</sup></b>	0.005						0.017					
	<b>Chi-square<sup>b</sup></b>	0.244						0.942					
<b>Model 2</b>						0.198							0.676
	<b>1. Disease duration</b>	0.010	0.021	1.010	0.968	1.053	0.655	-0.022	0.024	0.978	0.933	1.026	0.366
	<b>2. DLQI</b>	-0.035	0.046	0.965	0.882	1.056	0.439	0.003	0.048	1.003	0.912	1.102	0.956
	<b>3. Happiness</b>	-0.175	0.135	0.839	0.644	1.094	0.194	-0.058	0.136	0.944	0.723	1.234	0.673
	<b>R-square<sup>a</sup></b>	0.035						0.020					
	<b>Chi-square<sup>b</sup></b>	1.661						0.175					
<b>Model 3</b>						0.070							0.011 <sup>c</sup>
	<b>1. Disease duration</b>	0.006	0.022	1.006	0.964	1.050	0.777	-0.013	0.027	0.987	0.937	1.040	0.622
	<b>2. DLQI</b>	-0.008	0.049	0.992	0.901	1.092	0.867	0.046	0.055	1.047	0.940	1.167	0.403
	<b>3. Happiness</b>	-0.185	0.145	0.831	0.626	1.103	0.200	-0.126	0.149	0.882	0.658	1.182	0.399
	<b>4. Severity</b>	-0.255	0.142	0.775	0.586	1.024	0.073	-0.322	0.133	0.725	0.559	0.940	0.015 <sup>c</sup>
	<b>R-square<sup>a</sup></b>	0.094						0.134					
	<b>Chi-square<sup>b</sup></b>	3.293						6.514					
<b>Model 4</b>						0.350							0.830
	<b>1. Disease duration</b>	0.013	0.024	1.013	0.965	1.062	0.603	-0.015	0.028	0.985	0.933	1.040	0.591
	<b>2. DLQI</b>	-0.011	0.049	0.989	0.899	1.088	0.816	0.046	0.055	1.047	0.939	1.167	0.407
	<b>3. Happiness</b>	-0.190	0.145	0.827	0.622	1.099	0.190	-0.124	0.150	0.884	0.659	1.185	0.409
	<b>4. Severity</b>	-0.263	0.142	0.769	0.583	1.015	0.064	-0.321	0.133	0.725	0.559	0.941	0.016 <sup>c</sup>
	<b>5. Age</b>	-0.018	0.020	0.982	0.944	1.022	0.380	0.005	0.023	1.005	0.961	1.051	0.830
	<b>R-square<sup>a</sup></b>	0.109						0.134					
	<b>Chi-square<sup>b</sup></b>	0.872						0.046					
<b>Model 5</b>						0.509							0.394
	<b>1. Gender (male)</b>	1.064	0.689	2.896	0.751	11.169	0.122	-0.356	0.618	0.700	0.208	2.353	0.564
	<b>2. Place of living (rural)</b>	0.001	0.728	1.001	0.240	4.176	0.998	-1.614	1.086	0.199	0.024	1.671	0.137

<b>3. Employment (unemployed)</b>	0.886	0.702	2.424	0.612	9.595	0.207	-0.333	0.840	0.717	0.138	3.717	0.691
<b>4. Marital status (in a relationship/married)</b>	0.448	0.650	1.565	0.438	5.588	0.491	0.320	0.615	1.376	0.412	4.596	0.604
<b>R-square<sup>a</sup></b>	0.060						0.073					
<b>Chi-square<sup>b</sup></b>	3.297						4.091					

Hierarchical introduction of parameters; Model 1: disease duration, DLQI score; Model 2: happiness score; Model 3: disease severity; Model 4: age; Model 5: gender (reference: female), place of living (reference: urban), employment (reference: employed), marital status (reference: single/divorced/separated/widowed).

<sup>a</sup>: Nagelkerke R-square; <sup>b</sup>: Chi-square for each model; <sup>c</sup>: significant at 0.05 level; DLQI: Dermatology Life Quality Index.

Table SV. Logistic regression models for drug addiction for atopic dermatitis (n=100) and psoriasis patients (n=104)

Drugs	Atopic dermatitis						Psoriasis						
	Standardized Coefficients (B)	Std. Error	Odds Ratio	95% confidence interval		P value	Standardized Coefficients (B)	Std. Error	Odds Ratio	95% confidence interval		P value	
				Lower value	Upper value					Lower value	Upper value		
<b>Model 1</b>						0.159						0.960	
	<b>1. Disease duration</b>	0.011	0.022	1.011	0.968	1.056	0.621	0.000	0.025	1.000	0.953	1.050	0.989
	<b>2. DLQI</b>	0.076	0.042	1.079	0.994	1.172	0.068	0.013	0.046	1.013	0.926	1.109	0.773
	<b>R-square<sup>a</sup></b>	0.070						0.002					
	<b>Chi-square<sup>b</sup></b>	3.682						0.081					
<b>Model 2</b>						0.744							0.073
	<b>1. Disease duration</b>	0.011	0.022	1.011	0.968	1.056	0.617	-0.005	0.025	0.995	0.948	1.044	0.834
	<b>2. DLQI</b>	0.068	0.049	1.070	0.972	1.179	0.169	-0.025	0.055	0.975	0.876	1.086	0.648
	<b>3. Happiness</b>	-0.045	0.138	0.956	0.729	1.253	0.744	-0.255	0.142	0.775	0.587	1.024	0.073
	<b>R-square<sup>a</sup></b>	0.071						0.064					
	<b>Chi-square<sup>b</sup></b>	0.106						3.220					
<b>Model 3</b>						0.533							0.320
	<b>1. Disease duration</b>	0.010	0.022	1.011	0.968	1.055	0.637	-0.001	0.026	0.999	0.951	1.051	0.982
	<b>2. DLQI</b>	0.079	0.053	1.082	0.975	1.201	0.136	-0.011	0.058	0.989	0.882	1.108	0.846
	<b>3. Happiness</b>	-0.042	0.141	0.959	0.727	1.265	0.766	-0.286	0.149	0.751	0.561	1.006	0.055
	<b>4. Severity</b>	-0.094	0.149	0.911	0.680	1.219	0.529	-0.138	0.138	0.871	0.665	1.142	0.318
	<b>R-square<sup>a</sup></b>	0.079						0.082					
	<b>Chi-square<sup>b</sup></b>	0.389						0.989					
<b>Model 4</b>						0.000 <sup>c</sup>							0.004 <sup>c</sup>
	<b>1. Disease duration</b>	0.111	0.062	1.118	0.989	1.263	0.075	0.039	0.033	1.040	0.974	1.110	0.241
	<b>2. DLQI</b>	0.104	0.060	1.110	0.987	1.248	0.081	-0.012	0.062	0.988	0.875	1.116	0.844
	<b>3. Happiness</b>	-0.121	0.148	0.886	0.663	1.183	0.412	-0.343	0.169	0.710	0.509	0.989	0.043 <sup>c</sup>
	<b>4. Severity</b>	-0.168	0.163	0.846	0.615	1.163	0.303	-0.153	0.149	0.858	0.640	1.149	0.304
	<b>5. Age</b>	-0.170	0.072	0.844	0.732	0.973	0.019 <sup>c</sup>	-0.085	0.035	0.918	0.857	0.983	0.014 <sup>c</sup>
	<b>R-square<sup>a</sup></b>	0.325						0.230					
	<b>Chi-square<sup>b</sup></b>	14.355						8.159					
<b>Model 5</b>						0.246							0.945
	<b>1. Gender (male)</b>	0.439	0.686	1.551	0.404	5.950	0.522	0.152	0.672	1.164	0.312	4.346	0.821

<b>2. Place of living (rural)</b>	0.216	0.742	1.241	0.290	5.311	0.771	-0.475	0.848	0.622	0.118	3.278	0.576
<b>3. Employment (unemployed)</b>	0.841	0.693	2.320	0.597	9.016	0.224	-0.155	0.839	0.857	0.165	4.437	0.854
<b>4. Marital status (in a relationship/married)</b>	-1.058	0.733	0.347	0.082	1.461	0.149	-0.262	0.660	0.769	0.211	2.805	0.691
<b>R-square<sup>a</sup></b>	0.102						0.015					
<b>Chi-square<sup>b</sup></b>	5.435						0.748					

Hierarchical introduction of parameters; Model 1: disease duration, DLQI score; Model 2: happiness score; Model 3: disease severity; Model 4: age; Model 5: gender (reference: female), place of living (reference: urban), employment (reference: employed), marital status (reference: single/divorced/separated/widowed).

<sup>a</sup>: Nagelkerke R-square; <sup>b</sup>: Chi-square for each model; <sup>c</sup>: significant at 0.05 level; DLQI: Dermatology Life Quality Index.

Table SVI. Logistic regression models for internet addiction for atopic dermatitis (n=100) and psoriasis patients (n=104)

Internet	Atopic dermatitis						Psoriasis						
	Standardized Coefficients (B)	Std. Error	Odds Ratio	95% confidence interval		P value	Standardized Coefficients (B)	Std. Error	Odds Ratio	95% confidence interval		P value	
				Lower value	Upper value					Lower value	Upper value		
<b>Model 1</b>												0.765	
	<b>1. Disease duration</b>	0.019	0.025	1.019	0.971	1.071	0.444	-0.034	0.051	0.967	0.874	1.069	0.508
	<b>2. DLQI score</b>	0.057	0.046	1.059	0.967	1.159	0.217	-0.035	0.103	0.965	0.789	1.182	0.733
	<b>R-square<sup>a</sup></b>	0.045						0.022					
	<b>Chi-square<sup>b</sup></b>	2.073						0.537					
<b>Model 2</b>													0.213
	<b>1. Disease duration</b>	0.019	0.025	1.019	0.971	1.071	0.444	-0.041	0.051	0.960	0.869	1.060	0.423
	<b>2. DLQI</b>	0.053	0.055	1.054	0.947	1.173	0.334	-0.097	0.127	0.907	0.707	1.164	0.444
	<b>3. Happiness</b>	-0.024	0.158	0.977	0.717	1.330	0.881	-0.326	0.259	0.722	0.434	1.200	0.209
	<b>R-square<sup>a</sup></b>	0.046						0.086					
	<b>Chi-square<sup>b</sup></b>	0.022						1.552					
<b>Model 3</b>													0.869
	<b>1. Disease duration</b>	0.020	0.025	1.020	0.970	1.072	0.435	-0.041	0.050	0.960	0.870	1.059	0.413
	<b>2. DLQI</b>	0.036	0.057	1.037	0.927	1.160	0.527	-0.099	0.126	0.906	0.708	1.159	0.433
	<b>3. Happiness</b>	-0.029	0.154	0.971	0.719	1.313	0.850	-0.316	0.264	0.729	0.435	1.224	0.232
	<b>4. Severity</b>	0.150	0.186	1.162	0.807	1.673	0.419	0.043	0.263	1.044	0.623	1.750	0.870
	<b>R-square<sup>a</sup></b>	0.061						0.088					
	<b>Chi-square<sup>b</sup></b>	0.701						0.027					
<b>Model 4</b>													0.807
	<b>1. Disease duration</b>	0.124	0.076	1.132	0.975	1.313	0.104	-0.045	0.052	0.956	0.862	1.059	0.389
	<b>2. DLQI</b>	0.044	0.059	1.045	0.930	1.174	0.457	-0.099	0.125	0.906	0.709	1.157	0.427
	<b>3. Happiness</b>	-0.081	0.156	0.922	0.680	1.251	0.602	-0.312	0.262	0.732	0.438	1.224	0.234
	<b>4. Severity</b>	0.114	0.185	1.121	0.780	1.610	0.537	0.051	0.266	1.053	0.625	1.774	0.848
	<b>5. Age</b>	-0.140	0.073	0.869	0.753	1.003	0.056	0.011	0.046	1.011	0.924	1.106	0.807
	<b>R-square<sup>a</sup></b>	0.238						0.090					
	<b>Chi-square<sup>b</sup></b>	8.616						0.059					
<b>Model 5</b>													0.041 <sup>c</sup>
	<b>1. Gender (male)</b>	0.896	0.816	2.450	0.495	12.133	0.272	17.423	5258.678	3.687 × 10 <sup>7</sup>	0.000		0.997

<b>2. Place of living (rural)</b>	-0.853	1.115	0.426	0.048	3.791	0.444	-18.206	6633.601	0.000	0.000	0.998
<b>3. Employment (unemployed)</b>	1.239	0.806	3.452	0.711	16.768	0.124	-15.726	6367.239	0.000	0.000	0.998
<b>4. Marital status (in a relationship/married)</b>	-0.975	0.877	0.377	0.068	2.102	0.266	18.153	5049.042	7.648 × 10 <sup>7</sup>	0.000	0.997
<b>R-square<sup>a</sup></b>	0.151						0.397				
<b>Chi-square<sup>b</sup></b>	7.085						9.962				

Hierarchical introduction of parameters; Model 1: disease duration, DLQI score; Model 2: happiness score; Model 3: disease severity; Model 4: age; Model 5: gender (reference: female), place of living (reference: urban), employment (reference: employed), marital status (reference: single/divorced/separated/widowed).

<sup>a</sup>: Nagelkerke R-square; <sup>b</sup>: Chi-square for each model; <sup>c</sup>: significant at 0.05 level; DLQI: Dermatology Life Quality Index.