

Table SI. Factors associated with worsened psoriasis upon menopause (univariate analysis)

Variables	Odds ratio	95% Confidence interval		P value
BMI	1.044	0.994	1.097	0.085
Age at menopause onset	1.020	0.975	1.067	0.386
Reason for menopause	0.825	0.483	1.409	0.482
Obesity	2.663	1.139	6.223	0.024*
Hypertension	0.704	0.322	1.536	0.378
Dyslipidemia	0.825	0.339	2.007	0.672
Diabetes	0.825	0.219	3.117	0.777
Anxiety	1.343	0.523	3.449	0.540
Depression	1.222	0.496	3.012	0.664
Psoriatic arthritis	0.694	0.190	2.532	0.580
Family history of psoriasis	0.933	0.430	2.024	0.861
Never smoking				0.530
Former smoking	0.544	0.150	1.971	0.354
Current mild smoking	0.670	0.247	1.814	0.430
Alcohol consumption	0.414	0.187	0.916	0.030*
Topical therapy for psoriasis	1.926	0.669	5.542	0.224
Oral therapy for psoriasis	0.593	0.272	1.295	0.190
Biologics for psoriasis	1.523	0.686	3.382	0.301
Phototherapy for psoriasis	0.738	0.337	1.619	0.449
HRT status	1.739	0.598	5.058	0.310
Age	0.947	0.902	0.995	0.030*
Ethnicity	0.386	0.034	4.395	0.443
Plaque psoriasis	1.029	0.444	2.380	0.948
Guttate psoriasis	1.320	0.607	2.872	0.484
Pustular psoriasis	0.817	0.268	2.489	0.722
Erythrodermic psoriasis	1.279	0.246	6.655	0.770
Palmoplantar psoriasis	0.817	0.268	2.489	0.722
Inverse psoriasis	1.891	0.742	4.821	0.182
Nail psoriasis	1.052	0.475	2.329	0.901
Current BSA	1.040	0.979	1.105	0.202
Worst BSA	0.993	0.979	1.007	0.341

Fitzpatrick skin type I	0.000	0.000		0.999
Fitzpatrick skin type II	2.323	0.927	5.821	0.072
Fitzpatrick skin type III	1.846	0.777	4.387	0.165
Fitzpatrick skin type IV	0.452	0.199	1.031	0.059
Fitzpatrick skin type V	0.300	0.032	2.781	0.289
Fitzpatrick skin type VI	1.267	0.077	20.814	0.869
White	1.523	0.686	3.382	0.301
Black	2.591	0.228	29.502	0.443
Asian	0.394	0.164	0.943	0.036*
Indian	2.591	0.228	29.502	0.443

HRT; hormone replacement therapy: *, p<0.05.

Table SII. Factors associated with worsened psoriasis upon menopause (multivariate analysis)

Variables	Odds ratio	95% Confidence interval		P value
BMI	1.019	0.951	1.092	0.593
Age at menopause onset	1.043	0.978	1.113	0.198
Obesity	1.969	0.332	11.693	0.456
Dyslipidemia	0.719	0.233	2.220	0.567
Anxiety	1.342	0.299	6.013	0.701
Depression	0.784	0.176	3.499	0.750
Family history of psoriasis	0.659	0.227	1.911	0.442
Alcohol consumption	0.192	0.063	0.585	0.004*
Topical therapy for psoriasis	2.291	0.546	9.618	0.257
Biologics for psoriasis	2.029	0.690	5.963	0.198
Age	0.961	0.903	1.023	0.217
Plaque psoriasis	0.881	0.255	3.042	0.841
Guttate psoriasis	1.098	0.358	3.366	0.870
Erythrodermic psoriasis	3.033	0.399	23.055	0.284
Nail psoriasis	0.577	0.182	1.825	0.349
Worst BSA	0.992	0.974	1.010	0.369
Fitzpatrick skin type II	2.341	0.601	9.125	0.220
Fitzpatrick skin type IV	0.633	0.187	2.139	0.462
White	0.507	0.066	3.914	0.515
Asian	0.184	0.015	2.199	0.181

BSA; body surface area: BMI; body mass index: *, p<0.05.