

Table SI. Estimated mean DLQI differences.

Bold font indicates a statistically significant result.

<b>Modifiers</b>	<b>Estimates</b>	<b>CI</b>	<b>p-value</b>
TPE	-2.66	-5.46 – 0.13	0.062
Absent initial AD	4.77	-4.01 – 13.56	0.285
Mild initial AD	3.78	1.57 – 5.99	<b>0.001</b>
Severe initial AD	-5.11	-7.13 – -3.09	<b>&lt;0.001</b>
Corrected age	0.06	-0.01 – 0.13	0.090
Sex (male)	2.33	0.55 – 4.10	<b>0.011</b>
Atopic comorbidity	0.51	-1.70 – 2.73	0.649
Presence of a systemic treatment at initial evaluation	0.09	-2.44 – 2.62	0.944
Observations	N=202		

Abbreviations: AD: atopic dermatitis, CI: confidence interval, DLQI: Dermatology Life Quality Index, TPE, therapeutic patient education.

Table SII. Estimated odds ratios of DLQI  $\leq 4$  at the final evaluation.

Bold font indicates a statistically significant result.

<b>Modifiers</b>	<b>Odds ratio</b>	<b>CI</b>	<b>p-value</b>
TPE	2.78	1.11 – 7.29	<b>0.032</b>
Absent initial AD	0.88	0.03 – 24.03	0.931
Mild initial AD	2.11	0.90 – 5.35	0.097
Severe initial AD	0.51	0.26 – 1.00	0.052
Corrected age	1.00	0.97 – 1.02	0.780
Sex (male)	0.99	0.53 – 1.88	0.983
Atopic comorbidity	0.57	0.26 – 1.26	0.160
Presence of a systemic treatment at initial evaluation	1.37	0.57 – 3.46	0.492
Observations	N=211		

Abbreviations: AD: atopic dermatitis, CI: confidence interval, DLQI: Dermatology Life Quality Index, TPE: therapeutic patient education.

Table SIII. Estimated odds ratios of AD improvement.

Bold font indicates a statistically significant result.

<b>Modifiers</b>	<b>Odds ratio</b>	<b>CI</b>	<b>p-value</b>
(Intercept)	0.51	0.15 – 1.55	0.250
TPE group	7.43	2.60 – 23.37	<b>&lt;0.001</b>
Mild initial AD	0.02	0.00 – 0.06	<b>&lt;0.001</b>
Severe initial AD	4.99	2.07 – 13.61	<b>0.001</b>
Corrected age	1.08	1.03 – 1.14	<b>0.004</b>
Sex (male)	0.58	0.27 – 1.22	0.151
Absence of atopic comorbidity	24.74	3.34 – 250.13	<b>0.004</b>
Presence of a systemic treatment at initial evaluation	0.60	0.22 – 1.64	0.309
TPE group * Corrected age	0.93	0.87 – 0.98	<b>0.017</b>
TPE group * Absence of atopic comorbidity	0.04	0.00 – 0.39	<b>0.008</b>
Observations	N=254		

Abbreviations: AD: atopic dermatitis, CI: confidence interval, TPE: therapeutic patient education.

Table SIV. Estimated odds ratios of initiation of a systemic treatment during the study in the population of AD patients with topical treatment alone at the time of enrollment.

Bold font indicates a statistically significant result.

<b>Modifiers</b>	<b>Odds ratio</b>	<b>CI</b>	<b>p-value</b>
TPE	0.03	0.01 – 0.12	<b>&lt;0.001</b>
Absent initial AD	0.22	0.01 – 3.05	0.271
Mild initial AD	0.40	0.05 – 1.94	0.303
Severe initial AD	13.22	5.00 – 40.11	<b>&lt;0.001</b>
Corrected age	1.01	0.97 – 1.04	0.616
Sex (male)	1.33	0.53 – 3.33	0.541
Atopic comorbidity	0.99	0.25 – 3.49	0.994
Observations	N=187		

Abbreviations: AD : atopic dermatitis, CI : confidence interval, TPE : therapeutic patient education.