

**Table SI. Impact of pruritus on quality of life (QoL) in patients with systemic sclerosis (SSc) according to their autoimmune status**

	ACA+ (n=17) Mean ± SD	ACA- (n=19) Mean ± SD	p- value
Itchy QoL <sup>a</sup>	40.7 ± 15.6	51.7 ± 19.7	NS
Detail of quality of life score <sup>b</sup>			
Bleeding	0.29 ± 0.47	0.58 ± 0.69	NS
Sore skin	0.59 ± 0.71	1.05 ± 0.84	NS
Stinging or burning	0.65 ± 0.79	1.1 ± 0.94	NS
Scars	0.36 ± 0.70	0.63 ± 0.83	NS
Need to scratch	0.88 ± 0.86	1.2 ± 0.92	NS
Making uncomfortable	0.53 ± 0.62	1.16 ± 0.83	NS
"Makes me lose my mind"	0.35 ± 0.49	0.58 ± 0.84	NS
Getting angry or irritable	0.59 ± 0.62	0.79 ± 0.85	NS
Change in season or temperature	0.65 ± 0.79	1.05 ± 0.78	NS
Spend money on dermocosmetics	0.29 ± 0.47	0.74 ± 0.73	0.05
Difficult at work or leisure	0.41 ± 0.71	0.53 ± 0.77	NS
Affects relationships	0.24 ± 0.44	0.53 ± 0.84	NS
Affects quality of sleep	0.70 ± 0.85	0.84 ± 0.90	NS
Difficulty to concentrate	0.41 ± 0.62	0.79 ± 0.79	NS
Difficulty wearing some clothes	0.70 ± 0.85	0.63 ± 0.76	NS
Causing frustrations	0.47 ± 0.62	1.00 ± 0.88	NS
Makes me sad or depressed	0.47 ± 0.62	0.79 ± 0.63	NS
Concerned about other people's judgement	0.41 ± 0.64	0.74 ± 0.80	NS
Anxiety about the durability of pruritus	1.00 ± 0.87	1.53 ± 0.84	NS
Lead to a complex	0.53 ± 0.62	1.00 ± 0.88	NS
Changes in character	0.35 ± 0.60	0.68 ± 0.82	NS
Impact on daily activities <sup>c</sup>			
Sleep	0.94 ± 0.66	1.10 ± 0.46	NS
Rest	0.88 ± 0.60	1.00 ± 0.47	NS
Activity	1.17 ± 0.53	1.00 ± 0.47	NS
Stress	1.53 ± 0.51	1.58 ± 0.50	NS
Fatigue	1.53 ± 0.51	1.58 ± 0.50	NS
Physical effort	1.18 ± 0.39	1.16 ± 0.6	NS
Skin dryness	1.59 ± 0.62	1.53 ± 0.6	NS
Hot water	0.82 ± 0.53	1.00 ± 0.58	NS
Cold water	1.17 ± 0.64	1.15 ± 0.50	NS
Perspiration	1.35 ± 0.49	1.11 ± 0.46	NS
Cold ambient temperature	1.17 ± 0.64	1.31 ± 0.48	NS
Hot ambient temperature	1.12 ± 0.60	1.16 ± 0.60	NS
Specific clothes	1.53 ± 0.51	1.31 ± 0.58	NS
Impact on life <sup>c</sup>			
On sleep	0.59 ± 0.80	0.58 ± 0.77	NS
On leisure and social interactions	0.82 ± 0.98	1.00 ± 0.85	NS
On household work and shopping	0.67 ± 0.89	1.00 ± 0.85	NS
On work and/or school	0.86 ± 1.07	1.2 ± 0.89	NS

<sup>a</sup>Quality of life score of pruritus (scale score from 22 to 110 points). <sup>b</sup>Scale from 0 to 2 (0: never; 1: rarely to sometimes; 2: often to all the time). <sup>c</sup>Scale from 0 to 3 (0: never affects; 1: rarely or sometimes affects; 2: often or always affects). ACA: anti-centromere antibodies; NS: non-significant.