

Supplementary Table 1. Proportional odds model results for specific PROs by BSA and IGA severity covariates

	Severity measured by BSA	Severity measured by IGA
Odds Ratio (95% CI)		
Symptoms		
Fatigue		
None vs (Mild, Moderate, Severe, Very Severe)	1.01 (1.00, 1.02)	1.19 (1.07, 1.33)
(None, Mild) vs (Moderate, Severe, Very Severe)	1.02 (1.01, 1.03)	1.44 (1.31, 1.58)
(None, Mild, Moderate) vs (Severe, Very Severe)	1.03 (1.02, 1.04)	1.46 (1.33, 1.61)
(None, Mild, Moderate, Severe) vs Very Severe	1.02 (1.02, 1.03)	1.43 (1.27, 1.61)
Itch		
None vs (Mild, Moderate, Severe, Very Severe)	1.10 (1.07, 1.13)	2.69 (2.45, 2.95)*
(None, Mild) vs (Moderate, Severe, Very Severe)	1.09 (1.07, 1.11)	
(None, Mild, Moderate) vs (Severe, Very Severe)	1.06 (1.04, 1.07)	
(None, Mild, Moderate, Severe) vs Very Severe	1.05 (1.04, 1.06)	
Pain		
None vs (Mild, Moderate, Severe, Very Severe)	1.06 (1.04, 1.07)	1.89 (1.71, 2.10)
(None, Mild) vs (Moderate, Severe, Very Severe)	1.06 (1.05, 1.08)	2.21 (1.99, 2.46)
(None, Mild, Moderate) vs (Severe, Very Severe)	1.06 (1.05, 1.07)	2.44 (2.15, 2.77)
(None, Mild, Moderate, Severe) vs Very Severe	1.04 (1.03, 1.05)	2.48 (2.11, 2.91)
DLQI		
None vs (Small, Moderate, Very Large, Extremely Large)	1.09 (1.07, 1.12)	2.24 (1.99, 2.52)
(None, Small) vs (Moderate, Very Large, Extremely Large)	1.06 (1.05, 1.08)	1.85 (1.66, 2.06)
(None, Small, Moderate) vs (Very Large, Extremely Large)	1.04 (1.03, 1.05)	1.57 (1.40, 1.77)
(None, Small, Moderate, Very Large) vs Extremely Large	1.03 (1.01, 1.04)	1.27 (1.01, 1.59)
EQ-VAS	0.97 (0.97, 0.98)*	0.71 (0.66, 1.78)*
WPAI questionnaire		
Work time missed [†]	1.02 (1.00, 1.03)	1.45 (1.21, 1.75)
Impairment while working [†]	1.03 (1.02, 1.04)	1.51 (1.34, 1.71)
Working hours affected [†]	1.03 (1.02, 1.04)	1.51 (1.33, 1.70)
Daily activities affected		
None vs (A Little, A Lot)	1.04 (1.03, 1.04)*	1.55 (1.41, 1.70)
(None, A Little) vs A Lot		1.95 (1.68, 2.25)

*Proportional odds assumption was not violated.

[†]Logistic regression model.

Each “vs” comparison implies the “0 vs 1” structure of a traditional logistic regression. The 0 group is the reference.

Fatigue outcome levels (0–100 VAS): 0 = None (0), 1 = Mild (>0 to ≤12), 2 = Moderate (>12 to ≤32), Severe = (>32 to ≤59), Very Severe (>59 to ≤100).

Itch outcome levels (0–100 VAS): 0 = None (0), 1 = Mild (>0 to ≤9), 2 = Moderate (>9 to ≤34), 3 = Severe (>34 to ≤69), Very Severe (>69 to ≤100).

Pain outcome levels (0–100 VAS): 0 = None (0), 1 = Mild (>0 to ≤7), 2 = Moderate (>7 to ≤24), 3 = Severe (>24 to ≤59), Very Severe (>59 to ≤100).

DLQI outcome levels: 0 = None, 1 = Small, 2 = Moderate, 3 = Very Large, 4 = Extremely Large.

EQ-VAS outcome levels: 0 = Poor Health (≥0 to ≤20), 1 = Fair Health (<20 to ≤40), 2 = Good Health (<40 to ≤60), 3 = Very Good Health (<60 to ≤80), 4 = Excellent Health (>80 to ≤100).

WPAI outcome levels for work time missed due to psoriasis, impairment while working due to psoriasis, and working hours affected by psoriasis: 0 = None, 1 = Some (>0 to ≤100).

WPAI outcome levels for daily activities affected by psoriasis: 0 = None (0), 1 = A Little (>0 to <50), 2 = A Lot (≥50 to ≤100).

BSA, body surface area; CI, confidence interval; DLQI, Dermatology Life Quality Index; EQ-VAS, EuroQoL visual analog scale; IGA, Investigator’s Global Assessment, VAS, visual analog scale; WPAI, Work Productivity and Activity Impairment.