## Supplementary material has been published as submitted. It has not been copyedited, or typeset by Acta Dermato-Venereolgica

Table SI. Mean Improvements From Baseline (Week 0) in Individual PSSD Symptom and Sign Scores by PASI 90 or PASI 100 Response, Compared With Clinically Meaningful Improvement Thresholds<sup>20</sup>

			Mean improvement* from baseline (Week 0) among PASI 90 responders		Clinically meaningful improvement threshold**	Mean improvement* from baseline (Week 0) among PASI 100 Responders	
		Week	Guselkumab (Week 40, n=57; Week 52, n=44)	Ustekinumab (Week 40, n=25; Week 52, n=21)		Guselkumab (n=16)	Ustekinumab (n=7)
Symptoms (SE)	Itch	40 52	4.9 (0.4) 5.3 (0.5)	4.4 (0.5) 4.5 (0.6)	≥4 ≥4	5.5 (0.8) 5.6 (0.8)	5.4 (0.8) 4.0 (1.2)
	Pain	40 52	4.8 (0.44) 4.9 (0.5)	4.0 (0.5) 4.7 (0.7)	≥4 ≥4	5.9 (0.8) 4.9 (0.9)	4.1 (1.0) 3.9 (0.8)
	Stinging	40 52	3.6 (0.5) 3.7 (0.6)	2.1 (0.7) 2.8 (0.8)	≥3 ≥3	4.6 (0.9) 3.9 (0.8)	0.7 (1.6) 2.4 (1.3)
	Burning	40 52	4.2 (0.4) 4.4 (0.5)	4.2 (0.6) 4.8 (0.7)	_5 ≥4 ≥4	5.1 (0.7) 4.9 (0.7)	4.0 (1.3) 3.3 (0.9)
	Skin tightness	40 52	5.0 (0.4) 5.2 (0.4)	4.3 (0.6) 4.2 (0.7)	_· ≥4 ≥4	5.8 (0.5) 6.2 (0.5)	3.7 (1.8) 3.9 (1.0)
Signs (SE)	Dryness	40 52	5.4 (0.4) 5.4 (0.4)	5.2 (0.5) 5.0 (0.5)	≥4 ≥4	6.2 (0.6) 6.3 (0.4)	5.3 (1.1) 5.0 (1.2)
	Cracking	40 52	4.8 (0.4) 4.9 (0.4)	4.4 (0.6) 5.0 (0.7)	≥4 ≥4	5.6 (0.7) 5.6 (0.7)	3.9 (1.8) 4.1 (0.9)

	Scaling	40	5.3 (0.4)	5.0 (0.5)	≥5	6.1 (0.6)	4.4 (1.4)
		52	5.7 (0.5)	5.7 (0.6)	≥5	6.3 (0.6)	5.9 (0.6)
She	Shedding or flaking	40	5.9 (0.4)	5.4 (0.5)	≥5	6.9 (0.5)	4.9 (1.0)
		52	6.1 (0.4)	5.4 (0.5)	≥5	6.8 (0.5)	5.7 (0.5)
	Redness	40	5.9 (0.4)	5.4 (0.6)	≥5	7.2 (0.4)	6.0 (1.1)
		52	6.5 (0.4)	5.7 0.5	≥5	7.3 (0.3)	5.3 (1.0)
	Bleeding	40	3.3 (0.4)	2.5 (0.5)	≥3	4.1 (0.6)	3.0 (0.7)
		52	3.5 (0.5)	3.0 (0.6)	≥3	4.8 (0.6)	2.4 (0.7)

<sup>\*</sup>Improvement = reduction from baseline in PSSD score; \*\*Clinically meaningful reductions from baseline (Armstrong, 2019).<sup>20</sup>

PASI: Psoriasis Area and Severity Index; PSSD: Psoriasis Symptoms and Signs Diary; SE: standard error.