

**Table S1. Baseline characteristics and demographic data of patients from SWEFOT trial.**

Baseline Characteristics Mean ( $\pm$ SD)	Subset of Patients with Radiographs and Clinical Measures at Baseline and One Year					
	Radiographic Subset without Progression ( $\Delta$ SHS $\leq$ 0) (n=115)	Radiographic Subset with Progression ( $\Delta$ SHS > 0) (n=120)	P-value (Progression vs Without Progression)	Radiographic Subset without Progression ( $\Delta$ SHS $\leq$ 3) (n=163)	Radiographic Subset with Progression ( $\Delta$ SHS > 3) (n=72)	P-value (Progression vs Without Progression)
Female: N (%)	84 (73%)	85 (71%)	0.706	119 (73%)	50 (69%)	0.341
Symptom Duration (months)	6.2 (6.47)	6.1 (3.32)	0.341	6.0 (5.71)	6.3 (3.38)	0.161
Anti-CCP Status: N (%)			0.008			0.078
Positive	54 (47%)	79 (66%)		85 (52%)	48 (67%)	
Negative	54 (47%)	38 (32%)		69 (42%)	23 (32%)	
Not Available	7 (6%)	3 (2%)		9 (6%)	1 (1%)	
RF Status: N (%)			0.003			0.189
Positive	64 (56%)	89 (74%)		102 (62%)	51 (71%)	
Negative	50 (43%)	30 (25%)		60 (37%)	20 (28%)	
Not Available	1 (1%)	1 (1%)		1 (1%)	1 (1%)	
28 Swollen Joint Count <sup>†</sup>	11.2 (5.24)	10.3 (5.37)	0.162	10.7 (5.15)	10.8 (5.71)	0.948
28 Tender Joint Count <sup>†</sup>	10.0 (6.06)	8.6 (5.59)	0.042	9.4 (5.93)	9.1 (5.72)	0.802
ESR <sup>†</sup> (mm/h)	34.6 (20.00)	47.7 (30.97)	0.004	38.1 (23.36)	48.6 (32.70)	0.061
CRP Level <sup>†</sup> (mg/L)	30.2 (36.43)	40.4 (39.66)	0.006	32.8 (37.72)	41.2 (39.47)	0.054
Patient's Global Assessment of Disease Activity (VAS 0-100mm) Score <sup>†</sup>	53.1 (25.03)	57.6 (24.23)	0.244	53.5 (25.12)	59.6 (23.25)	0.096
DAS28 <sup>†</sup>	5.7 (1.00)	5.8 (1.07)	0.586	5.7 (1.00)	5.9 (1.10)	0.169
DAS28-CRP <sup>†</sup>	5.3 (0.98)	5.4 (0.99)	0.902	5.3 (0.96)	5.4 (1.04)	0.298
MBDA Score <sup>†</sup>	55.7 (15.22)	63.3 (13.24)	<0.001	57.5 (14.86)	64.2 (13.35)	0.002
SHS <sup>†</sup> Mean (Median)	3.5 (0)	5.9 (3)	<0.001	4.1 (1)	6.0 (3)	0.009

SD – standard deviation, anti-CCP - anti-cyclic citrullinated peptide, RF – rheumatoid factor, ESR – erythrocyte sedimentation rate, CRP – C-reactive protein, VAS – visual analogue scale, DAS – disease activity score, MBDA – multi-biomarker disease activity, SHS – Sharp-van der Heijde score.

<sup>†</sup> Number of missing patients: 28 Swollen and Tender Joint Count (n=2), ESR (n=5), CRP and Patient's Global Assessment (n=3), DAS28 and DAS28-ESR (n=8), MBDA (n=185) and SHS (n=57).