

Supplementary table 1. Crude and adjusted odds ratios for the association between the time-averaged total BASDAI score, single BASDAI items and radiographic spinal progression over two years in patients with early axial spondyloarthritis.

Disease activity measure (time-averaged)	Crude OR (95% CI)	Adjusted* OR (95% CI)
<i>Outcome: mSASSS progression by ≥ 2 points over two years</i>		
Total BASDAI	1.04 (0.85-1.29)	1.12 (0.87-1.45)
• Fatigue	0.94 (0.78-1.14)	0.99 (0.79-1.24)
• Back pain	1.07 (0.88-1.29)	1.13 (0.90-1.43)
• Arthralgia / arthritis	0.98 (0.82-1.16)	1.05 (0.85-1.29)
• Enthesitis	1.03 (0.88-1.22)	1.06 (0.87-1.29)
• Morning stiffness severity	1.16 (0.98-1.37)	1.21 (0.99-1.48)
• Morning stiffness duration	1.19 (0.96-1.47)	1.33 (1.02-1.74)
<i>Outcome: syndesmophyte formation / progression over two years</i>		
Total BASDAI	1.24 (0.98-1.57)	1.25 (0.94-1.65)
• Fatigue	1.08 (0.87-1.34)	1.11 (0.85-1.44)
• Back pain	1.23 (0.98-1.54)	1.22 (0.94-1.60)
• Arthralgia / arthritis	1.12 (0.93-1.35)	1.14 (0.91-1.43)
• Enthesitis	1.19 (0.99-1.43)	1.18 (0.95-1.46)
• Morning stiffness severity	1.27 (1.05-1.54)	1.25 (1.00-1.57)
• Morning stiffness duration	1.30 (1.03-1.64)	1.36 (1.00-1.85)

*Adjusted for the presence of syndesmophytes at baseline, smoking status and NSAIDs intake score over 2 years.

BASDAI – Bath Ankylosing Spondylitis Disease Activity Index; CI – confidence interval; OR – odds ratio.