

Supplementary file 1. Mean (SD) ASAS HI scores by regions

Regions	r-axSpA	nr-axSpA
Europe	6.9 (4.3)	5.7 (4.2)
North & South America	6.3 (4.7)	6.1 (3.9)
Africa & Middle East	7.4 (4.5)	7.5 (4.0)
Asia Pacific	6.2 (4.2)	5.6 (3.7)
p-value	0.08	0.06

Abbreviations: ASAS HI: Assessment of SpondyloArthritis international Society Health Index, nr-axSpA: non-radiographic axial spondyloarthritis, r-axSpA: radiographic axial spondyloarthritis, SD: standard deviation

Supplementary file 2. p-values of interaction terms

Interaction	p-value
axSpA phenotype*gender	0.21
axSpA phenotype*BASFI	0.32
axSpA phenotype*ASDAS	0.53
axSpA phenotype*HADS-A	0.53
axSpA phenotype*HADS-D	0.74

Abbreviations: ASDAS: Ankylosing Spondylitis Disease Activity Score assessment with CRP, BASFI: Bath Ankylosing Spondylitis Functional Index, HADS-A: Hospital Anxiety and Depression Scale-Anxiety, HADS-D: Hospital Anxiety and Depression Scale-Depression