**S1 Table.** Patient demographics and employment status in rheumatoid arthritis (RA), psoriatic arthritis (PsA) and axial spondyloarthritis (ax-SpA).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Demographics* | **RA** **(n=1093)** | **PsA (n=365)** | **ax-SpA (n=333)** | **p** |
| **Age (years)**  | 63.0 ± 13.8 | 55.5 ± 12.4 | 48.1 ± 12.9 | <0.001a,b,c \* |
| **Female (%)** | 68.5 | 49.3 | 33.3 | <0.001 \*\* |
| **Disease duration (years)** | 12.4 ± 10.6 | 9.9 ± 8.2 | 13.0 ± 11.8 | <0.001a,c \* 0.777b |
| **Education (years)** | 11.4 ± 3.6(n=1077) | 12.4 ± 3.6(n=358) | 12.8 ± 3.5(n=323) |  <0.001a,b \* 0.210c |
| **Current smoking (%)** | 20.5 (n=222/1083) | 18.4(n=66/359) | 23.1 (n=75/324) |  0.305 \*\* |
| **Body mass index (kg/m2)** | 25.7 ± 4.5 (n=1045) | 27.6 ± 4.3(n=351) | 26.4 ± 4.3(n=314) | <0.001a \* 0.259b  0.002c  |
|  |  |  |  |  |
| *Employment status* | **RA** **(n=1084)** | **PsA (n=360)** | **ax-SpA (n=324)** | **p** |
| **Full-time employment (%)** | 15.2 | 26.7 | 41.0 | <0.001\*\* |
| **Part-time employment (%)** | 13.3 | 21.4 | 22.5 |
| **Disabled pensioner (%)** | 22.7 | 23.9 | 16.0 |
| **Not working,** **other reasons (%)** | 7.4 | 11.4 | 13.0 |
| **Pensioner (%)** | 41.4 | 16.7 | 7.4 |
|  |
| *Employment status, excluding pensioners* | **RA** **(n=635)** | **PsA (n=300)** | **ax-SpA (n=300)** | **p** |
| **Full-time employment (%)** | 26.0 | 32.0 | 44.3 | <0.001\*\* |
| **Part-time employment (%)** | 22.7 | 25.7 | 24.3 |
| **Disabled pensioner (%)** | 38.7 | 28.7 | 17.3 |
| **Not working,** **other reasons (%)** | 12.6 | 13.7 | 14.0 |

Data for continuous variables are shown as mean ± SD

a: RA- PsA, b: RA- axSpA, c: PsA- ax-SpA

\*One-way ANOVA with post-hoc tests (Tukey HSD when homogeneity of variance, Dunnett’s T3 when violation of homogeneity of variances)

\*\* Pearson Chi-Square tests