

**Supplementary Table 1. Demographic characteristics of the study patients**

Characteristic	All (n = 335)	BMI < 25 (n = 226)	BMI ≥ 25 (n = 109)	p value
Age, yr	56.0 ± 11.9	55.3 ± 12.0	57.5 ± 11.8	0.110
Women	284 (84.8)	193 (85.4)	91 (83.5)	0.640
HTN	88 (26.3)	53 (23.5)	35 (32.1)	0.043
DM	33 (9.9)	16 (7.1)	17 (15.6)	0.009
RA duration, yr	6 (3.5–9)	7.61 (3.1–10)	7.0 (4–9)	0.700
Seropositivity <sup>a</sup>	276 (87.4)	194 (85.8)	82 (75.2)	0.017
CRP <sup>b</sup> , mg/L	1.04 (0–2.94)	0.10 (0–2.69)	1.68 (0–3.19)	0.013
ESR, mm/hr	21 (12–31)	18 (10–30)	25 (15–32)	0.032
DAS28-ESR	3.55 ± 1.14	3.46 ± 1.11	3.75 ± 1.18	0.031
DAS28-P	0.36 ± 0.17	0.35 ± 0.17	0.37 ± 0.18	0.300
HAQ	0.25 (0–0.63)	0.13 (0–0.56)	0.25 (0–0.75)	0.100
VAS pain, range (0–100)	40 (20–50)	35 (20–50)	40 (20–60)	0.031
GC use	252 (75.2)	174 (77)	78 (71.6)	0.280
BMI, kg/m <sup>2</sup>	23.6 ± 3.6	21.6 ± 2.2	27.7 ± 2.3	< 0.001
Body fat mass, kg	19.3 (15.6–24.1)	17.2 (13.8–19.6)	26.4 (23.7–30.3)	< 0.001
Skeletal muscle mass, kg	20.9 (18.9–23.2)	20.15 (18.4–22.3)	22.2 (20.4–25.2)	< 0.001
Body fat/skeletal mass ratio	0.91 (0.7–1.1)	0.9 (0.7–1.1)	0.95 (0.79–1.21)	0.098

Values are presented as mean ± SD, number (%), or median (interquartile range).

BMI, body mass index; HTN, hypertension; DM, diabetes mellitus; RA, rheumatoid arthritis; CRP, C-reactive protein; ESR, erythrocyte sedimentation rate; DAS28, disease activity score in 28 joints; DAS28-P, an index derived to measure the subjective component of DAS28; HAQ, health assessment questionnaire; VAS, visual analogue scale; GC, glucocorticoid; BMI, body mass index.

<sup>a</sup>Seropositivity was defined as either rheumatoid factor or anti-citrullinated protein antibody positivity.

<sup>b</sup>The reporting limit was < 0.1 mg/L, which was given a value of 0 for analysis.