

**Supplementary Table 4. Characteristics of rheumatoid arthritis patients by income and education level**

Variable	Monthly household income (10,000 Won)			Education		
	≤ 200	> 200	<i>p</i> value	Low (< 10 yr)	High (≥ 10 yr)	<i>p</i> value
Total	2,425	2,650		2,273	2,804	
<b>Demographics</b>						
Age (yr)	62.8 ± 12.1	62.8 ± 12.4	0.939	63.0 ± 12.1	62.7 ± 12.3	0.443
Sex, female	2,050 (84.5)	2,276 (85.9)	0.188	1,918 (84.4)	2,409 (85.9)	0.136
<b>Socioeconomic status</b>						
<b>Marital status</b>						
Ever married	2,262 (93.3)	2,480 (93.6)	0.701	2,240 (98.5)	2,504 (89.3)	< 0.001
Currently married	1,647 (67.9)	2,297 (86.7)	< 0.001	1,682 (74.0)	2,262 (80.7)	< 0.001
Number of family members	2.5 ± 1.3	3.5 ± 1.1	< 0.001	2.8 ± 1.4	3.2 ± 1.2	< 0.001
Insurance coverage			< 0.001			< 0.001
National health insurance	2,172 (89.6)	2,631 (99.3)		2,100 (92.4)	2,704 (96.4)	
Medical aid and others	253 (10.4)	19 (0.7)		173 (7.6)	100 (3.6)	
<b>Comorbidities</b>						
Heart failure	24 (1.0)	2 (0.1)	< 0.001	22 (1.0)	4 (0.1)	< 0.001
HTN	756 (31.2)	506 (19.1)	< 0.001	794 (34.9)	469 (16.7)	< 0.001
Angina or MI	58 (2.4)	52 (2.0)	0.341	57 (2.5)	53 (1.9)	0.160
Stroke	28 (1.2)	20 (0.8)	0.185	32 (1.4)	16 (0.6)	0.004
ILD	29 (1.2)	14 (0.5)	0.015	22 (1.0)	21 (0.7)	0.489
Pneumonia	26 (1.1)	24 (0.9)	0.647	24 (1.1)	26 (0.9)	0.750
Tuberculosis	120 (4.9)	126 (4.8)	0.798	107 (4.7)	139 (5.0)	0.729
Asthma	65 (2.7)	46 (1.7)	0.028	63 (2.8)	48 (1.7)	0.013
Hepatitis	57 (2.4)	70 (2.6)	0.567	48 (2.1)	79 (2.8)	0.131
Peptic ulcer	151 (6.2)	125 (4.7)	0.021	125 (5.5)	151 (5.4)	0.908
Diabetes	258 (10.6)	156 (5.9)	< 0.001	278 (12.2)	137 (4.9)	< 0.001
Malignancy	185 (7.6)	221 (8.3)	0.379	182 (8.0)	224 (8.0)	0.999
Depression	42 (1.7)	45 (1.7)	0.999	38 (1.7)	49 (1.7)	0.922
Fracture	503 (20.8)	364 (13.8)	< 0.001	490 (21.6)	377 (13.5)	< 0.001
Osteoporosis	246 (10.1)	112 (4.2)	< 0.001	265 (11.7)	93 (3.3)	< 0.001

DAS28-ESR, disease activity score 28-joint count erythrocyte sedimentation rate; EQ-5D, EuroQol-5 dimensions; HAQ, health assessment questionnaire; HTN, hypertension; ILD, interstitial lung disease; MI, myocardial infarction; VAS, visual analog scale. Significant *p* value at < 0.05.