

Supplementary Table 1. Rheumatoid arthritis (RA)-related factors and RA medications among RA patients with or without atherosclerotic cardiovascular disease (CVD) and with or without diabetes mellitus (DM)

	RA cases without atherosclerotic CVD				P-value*	RA cases with atherosclerotic CVD				P-value*
	DM, n=1012		No DM, n=8097			DM, n=369		No DM, n=1065		
	Data available n (%)	Data available n (%)	Data available n (%)	Data available n (%)		Data available n (%)	Data available n (%)	Data available n (%)	Data available n (%)	
RF+, n (%)	535 (56.7)	942 (93.1)	4347 (58.4)	7443 (91.9)	0.345	177 (52.2)	339 (91.9)	613 (61.7)	994 (93.3)	0.002
ACPA+, n (%)	465 (55.4)	839 (82.9)	3927 (58.5)	6717 (83.0)	0.092	155 (50.8)	305 (82.7)	525 (58.5)	898 (84.3)	0.020
Disease duration (years), median (IQR)	8.0 (3.6-15.0)	715 (70.7)	8.0 (3.8-15.0)	5415 (66.9)	0.555	8.4 (4.0-15.0)	196 (53.1)	10.0 (4.0-18.0)	584 (54.8)	0.169
DAS28-ESR, median (IQR)	3.2 (2.3-4.3)	756 (74.7)	2.8 (2.0-3.9)	5828 (72.0)	<0.001	3.2 (2.5-4.4)	263 (73.0)	3.1 (2.2-4.3)	778 (73.1)	0.017
CRP, median (IQR)	2.9 (1.0-6.6)	588 (58.1)	2.9 (1.5-6.8)	4875 (60.2)	0.171	3.5 (2.9-10.2)	227 (61.5)	3.3 (2.9-8.9)	724 (68.1)	0.510
ESR, median (IQR)	21 (10-36)	888 (87.7)	16 (7-30)	7028 (86.8)	<0.001	25 (12-43)	330 (89.4)	17 (8-32)	962 (90.3)	<0.001
RA medications, n (%)										
Methotrexate	597 (61.3)	974 (96.2)	4768 (62.0)	7687 (94.9)	0.657	177 (48.6)	364 (98.6)	571 (55.8)	1023 (96.1)	0.018
Any other conventional DMARD	371 (38.1)	974 (96.2)	2846 (37.0)	7687 (94.9)	0.516	143 (39.3)	364 (98.6)	399 (39.0)	1023 (96.1)	0.924
Biologic DMARDs		943 (93.2)		7326 (90.5)			352 (95.4)		961 (90.2)	
Current use,	269 (28.5)		2110 (28.8)			65 (18.5)		217 (22.6)		
Previous use	137 (14.5)		953 (13.0)		0.426	74 (21.0)		167 (17.4)		0.142
Never	537 (57.0)		4263 (58.2)			213 (60.5)		577 (60.0)		
Glucocorticoids		967 (95.6)		7572 (93.5)			364 (98.6)		1012 (95.0)	
Current use	415 (42.9)		3062 (40.4)			142 (39.0)		470 (46.4)		
Previous use	534 (55.2)		4249 (56.1)		0.018	218 (59.9)		526 (52.0)		0.033
Never	18 (1.9)		261 (3.4)			4 (1.1)		16 (1.6)		

For categorical variables, valid percentages are reported

*Chi-squared test for frequencies and Mann-Whitney U test for continuous variables

Abbreviations: RF, rheumatoid factor; ACPA, anti-citrullinated protein antibodies; DAS28, disease activity score-28; CRP, C-reactive protein; ESR, erythrocyte sedimentation rate; DMARD, disease modifying antirheumatic drugs, significant p-values are highlighted in bold.