

Supplemental Table 1: Baseline characteristics stratified by inclusion and exclusion into main analysis study population

Variables	Included N=183	Excluded N=102	p-values
<u>Demographics</u>			
Age, years	40.8 ± 13.3	45.0 ± 14.7	0.08
Male gender	77%	72%	0.40
Race			0.30
White	70%	83%	
Black	1%	1%	
Asian	16%	10%	
Other	13%	6%	
<u>Disease characteristics</u>			
Symptom duration, years	17.9 ± 12.5	22.7 ± 13.7	.003
Abnormal CRP	36%	39%	0.40
BASDAI (0-10)	3.6 ± 2.4	3.0 ± 2.0	.07
NSAID use	72%	62%	0.84
Glucocorticoid use	6%	8%	0.63
Biologic use	46%	42%	0.41
<u>Cardiovascular disease and risk factors</u>			
Cardiovascular disease	2%	5%	0.19
Diabetes	2%	1%	0.48
Current smoker	4%	10%	<0.001
Exercise, minutes/week	173.3 ± 179.8	181.1 ± 146.7	0.13
<u>Study visits, #</u>	7.7 ± 4.5	2.8 ± 2.6	<0.001

§ First available

* Subjects included into final cohort for analysis if: there was at least one BMI value recorded AND there was at least one ASDAS value recorded (i.e., exposure (BMI) and outcome (ASDAS) variables were not completely missing for all of the subject's study visits)