

Table 1

Characteristic of study sample with and without arthritis

	Non-arthritis (n = 12923)	Arthritis (n = 1135)	P-value
Age (years)	43.16 ± 17.17	64.26 ± 14.19	<0.001
Body mass index (kg/m2)	28.04 ± 6.16	30.10 ± 6.85	<0.001
Gender (%)			<0.001
Male	6406 (49.57%)	409 (36.04%)	
Female	6517 (50.43%)	726 (63.96%)	
Race (%)			<0.001
Non-Hispanic White	6414 (49.63%)	824 (72.60%)	
Non-Hispanic Black	2699 (20.89%)	155 (13.66%)	
Mexican American	3282 (25.40%)	120 (10.57%)	
Other race	528 (4.09%)	36 (3.17%)	
Educational level (%)			0.025
Less than high school	3852 (29.81%)	290 (25.55%)	
High school	2992 (23.15%)	286 (25.20%)	
More than high school	6059 (46.89%)	557 (49.07%)	
Not recorded	20 (0.15%)	2 (0.18%)	
Smoking behavior (%)			<0.001
None	7061 (54.64%)	527 (46.43%)	
Past	2848 (22.04%)	426 (37.53%)	
Current	3002 (23.23%)	181 (15.95%)	
Not recorded	12 (0.09%)	1 (0.09%)	
Ratio of family income to poverty			<0.001
Below poverty line	2226 (17.23%)	139 (12.25%)	
100–200% poverty line	2974 (23.01%)	267 (23.52%)	
> 200% poverty line	6768 (52.37%)	654 (57.62%)	
Not recorded	955 (7.39%)	75 (6.61%)	
Physical activity (%)			<0.001
Sedentary	2745 (21.24%)	318 (28.02%)	
Low	3492 (27.02%)	287 (25.29%)	
Moderate	2208 (17.09%)	187 (16.48%)	
High	3615 (27.97%)	277 (24.41%)	
Not recorded	863 (6.68%)	66 (5.81%)	
Alcohol(%)			<0.001
1 drink/d	2514 (19.45%)	363 (31.98%)	

>2 drinks/d	5602 (43.35%)	280 (24.67%)	
Not recorded	4807 (37.20%)	492 (43.35%)	
Hypertension(%)			<0.001
No	9790 (75.76%)	499 (43.96%)	
Yes	3070 (23.76%)	633 (55.77%)	
Not recorded	63 (0.49%)	3 (0.26%)	
Diabetes(%)			<0.001
No	11818 (91.45%)	912 (80.35%)	
Yes	1038 (8.03%)	207 (18.24%)	
Not recorded	67 (0.52%)	16 (1.41%)	
Waist circumference (cm)			<0.001
Q1 (58.5–85.7 cm)	3264 (25.94%)	147 (13.56%)	
Q2 (85.8–95.4 cm)	3204 (25.46%)	212 (19.56%)	
Q3 (95.5–105.4 cm)	3066 (24.36%)	321 (29.61%)	
Q4(105.5–175 cm)	3050 (24.24%)	404 (37.27%)	

Mean $\pm$ SD for continuous variables: the P value was calculated by the weighted linear regression model. (%) for categorical variables: the P value was calculated by the weighted chi-square test. Abbreviation: BMD, bone mineral density.