

## SUPPLEMENTAL MATERIAL

**Supplement Table 1: Baseline characteristics for women with regular non-steroidal anti-inflammatory drug (NSAID) use and those with no use.\***

Characteristic	NSAID use at baseline (n = 31,433)	No NSAID use at baseline (n = 129,368)	p- value
Age, mean years (SD)	63.3 (7.1)	63.2 (7.2)	0.69
Age >70 years, %	21.6	22.1	0.03
Race/ethnicity, %			
White	85.2	82.1	
Black or African American	8.8	9.1	<.0001
Hispanic/Latino	3.6	4.0	
Other incl. missing ETHNIC	2.5	4.9	
Education, %			
At most some high school (up to 11 y)	5.8	5.2	
High school diploma or GED	17.7	16.9	
Vocational/training to college grad/baccalaureate	49.6	48.3	<0.0001
At least some post-graduate/professional	26.2	28.9	
MISSING	0.7	0.8	
Income, %			
Less than \$19,999	16.9	15.3	
\$20,000 to \$74,999	61.2	60.1	<0.0001
\$75,000 or more	15.9	17.7	
Don't know or missing INCOME	6.0	6.9	
US Region, %			
Northeast	19.4	23.7	
South	27.4	25.5	<0.0001
Midwest	24.9	21.3	
West	28.3	29.5	
BMI, mean kg/m <sup>2</sup> (SD)	29.4 (6.4)	27.6 (5.8)	<0.0001
BMIC, %			
Underweight (< 18.5)	0.5	1.0	
Normal (18.5 - 24.9)	26.2	35.9	
Overweight (25.0 - 29.9)	33.5	34.7	
Obesity I (30.0 - 34.9)	21.9	17.5	<0.0001
Obesity II (35.0 - 39.9)	10.6	6.8	
Extreme Obesity III (≥40)	6.6	3.3	
MISSING	0.8	0.9	
Systolic blood pressure, mm Hg, SD	128.7 (17.6)	127.0 (17.8)	<0.0001
Systolic blood pressure, %			
≤120	34.7	39.4	
120 - 140	42.6	40.4	<0.0001
>140	22.8	20.2	
Diastolic blood pressure, mm Hg, SD	75.5 (9.3)	75.1 (9.3)	<0.0001

Diastolic blood pressure, %			
<90	92.8	93.2	
≥90	7.2	6.8	0.0257
MISSING	0.1	0.04	
TEXPWK: MET-hours/week, SD	11.4 (13.1)	12.7 (13.9)	<0.0001
MET-hours/week, %			
At most 2 MET-hours/week	25.9	22.3	
More than 2 but less than 21 MET-hours/week	52.2	52.9	<0.0001
21 or more MET-hours/week	17.2	20.2	
TEXPWK missing	4.7	4.6	
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History of, %			
Hypertension			
No	61.0	66.8	
Yes	38.1	32.4	<0.0001
MISSING	0.9	0.8	
Hypercholesterolemia			
No	79.9	81.2	
Yes	14.3	13.1	<0.0001
MISSING	5.9	5.8	
Diabetes mellitus (DM)			
No	93.1	94.3	<0.0001
Yes	6.9	5.7	
On insulin therapy			
No	4.8	4.1	
Yes	2.0	1.6	<0.0001
MISSING (always missing if DM=No)	93.1	94.3	
Smoking status			
Never Smoked	48.4	50.8	
Past Smoker	43.7	41.0	<0.0001
Current Smoker	6.7	6.9	
MISSING	1.3	1.3	
Congestive heart failure	0.9	0.8	0.07
Myocardial infarction (MI)	2.3	2.3	0.48
Within last 6 months			
No	2.3	2.2	
Yes	0.1	0.1	0.76
MISSING (always missing if MI=No)	97.7	97.7	
Coronary Artery Bypass Graft or Percutaneous Coronary Intervention	1.7	1.7	0.97
Stroke or Transient Ischemic Attack	3.0	3.0	0.83
Peripheral arterial disease			
No	96.8	97.4	
Yes	2.6	1.9	<0.0001
MISSING	0.6	0.7	
Stomach or duodenal ulcer			
No	91.7	92.3	<0.0001

Yes	7.1	6.3	
MISSING	1.2	1.4	
Bleeding problem			
No	97.3	97.4	
Yes	2.7	2.5	0.12
MISSING	0.1	0.1	
Arthritis			
No	29.1	57.6	
Yes	70.1	41.5	<0.0001
MISSING	0.8	0.9	
Rheumatoid arthritis			
Yes	8.3	4.0	
Other/Don't Know	58.1	35.5	<0.0001
MISSING (always if Arthritis=No)	33.7	60.5	
Cancer (excluding non-melanoma skin cancer)			
No	89.6	90.1	
Yes	9.6	9.1	0.01
MISSING	0.8	0.9	
Medications, %			
Aspirin	22.2	22.7	0.04
Acetaminophen	21.4	11.2	<0.0001
Statin	8.7	7.3	<0.0001
Menopausal hormones at BL			
No	49.9	56.3	
Yes	47.4	40.8	<0.0001
MISSING	2.7	2.9	

\*The Cox-regression utilizes time-varying medication information and does not use the static groups in this table.