Supplemental Table 1: Characteristics* of study sample included in this analysis (n=1,225) compared to excluded participants attending visit 3 (n=10,866): the ARIC Study

Characteristics	N	Included	Excluded	p-value
Total	*12,091*	*1,225 (10.1%)*	*10,866 (89.9%)*	---
Season-adjusted serum 25(OH)D, mean (SD)	10,890	63.1 (20.1)	61.4 (21.2)	0.005
Prevalent early AMD at visit 3, n (%)[†]	564	54 (4.5%)	510 (5.3%)	0.228
DEMOGRAPHICS				
Age (years), mean (SD)	11,897	55.6 (5.0)	57.2 (5.8)	<0.001
Sex, n (% women)	6,637	711 (58.0%)	5926 (54.5%)	0.019
Race, n (% Caucasian)	9,373	1029 (84.0%)	8344 (76.8%)	<0.001
Field center, n (%)				<0.001
Forsyth County, NC	3168	135 (11.0%)	3033 (28.4%)	
Jackson, MS	2240	185 (15.1%)	2055 (19.3%)	
Minneapolis, MN	3303	430 (35.1%)	2873 (26.9%)	
Washington County, MD	3186	475 (38.8%)	2711 (25.4%)	
Education, n (%) - visit 1[‡]				<0.001
Basic or 0 years	2466	144 (11.8%)	2322 (21.4%)	
Intermediate	5044	545 (44.5%)	4499 (41.5%)	
Advanced	4563	536 (43.8%)	4027 (37.1%)	
HEALTH & LIFESTYLE CHARACTERISTICS				
Health insurance, n (% yes)	10,979	1161 (94.8%)	9818 (92.1%)	0.003
Smoking status, n (%)				<0.001
Current	2477	178 (14.5%)	2299 (21.6%)	
Former	4594	463 (37.8%)	4131 (38.8%)	
Never	4811	584 (47.7%)	4227 (39.7%)	
Drinking status, n (%)				<0.001
Current	6873	814 (66.4%)	6059 (56.8%)	
Former	2391	178 (14.5%)	2213 (20.8%)	
Never	2617	233 (19.0%)	2384 (22.4%)	
Waist circumference (cm), mean (SD)	11,886	96.4 (13.5)	98.1 (14.3)	<0.001
Waist to hip ratio, mean (SD)	11,886	0.92 (0.08)	0.93 (0.08)	<0.001
BMI category (kg/m^2), n (%)				0.01
Under/normal weight (<25 kg/m^2)	3,693	378 (30.9%)	3315 (31.1%)	
Overweight (25-30 kg/m^2)	4,783	536 (43.8%)	4247 (39.9%)	
Obese (≥30 kg/m^2)	3,405	311 (25.4%)	3094 (29.0%)	
Diastolic blood pressure (mm Hg), mean (SD)	11,895	72.1 (9.5)	71.9 (10.2)	0.517

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Characteristics	N	Included	Excluded	p-value
Total	*12,091*	*1,225 (10.1%)*	*10,866 (89.9%)*	---
Systolic blood pressure (mm Hg), mean (SD)	11894	117.7 (15.9)	121.5 (18.6)	<0.001
Hypertension, n (% yes) §	4118	305 (25.0%)	3813 (35.8%)	<0.001
Total cholesterol (mg/dL), mean (SD)	11838	208.8 (37.5)	209.7 (38.9)	0.433
HDL (mg/dL), mean (SD)	11803	50.8 (16.4)	49.3 (16.7)	0.003
LDL (mg/dL), mean (SD)	11636	131.7 (34.0)	133.5 (36.5)	0.083
Triglycerides (mg/dL), mean (SD)	11836	132.6 (81.9)	135.7 (84.6)	0.223
Glucose (mg/dL), mean (SD)	11862	105.4 (26.0)	114.2 (43.2)	<0.001
Hormone use (among females), n (%)				<0.001
Current estrogen user	1134	132 (21.4%)	1002 (20.6%)	
Current estrogen & progestin user	565	93 (15.1%)	472 (9.7%)	
Never used hormones	3496	363 (58.8%)	3133 (64.3%)	
Former hormone user	293	29 (4.7%)	264 (5.4%)	

* Characteristics assessed at visit 2 unless otherwise noted.

† % Early AMD at visit 3, n (%) determined using the grading system as defined in the paper by Millen et al. (38)

†† Education defined as Basic or 0 years (≤11 years or less, i.e., high school with no degree or less), Intermediate (12-16 years, i.e., high school graduate or vocational school), Advanced (17-21 years, i.e., college or higher).

§ Average systolic blood pressure ≥ 140 mm Hg, or diastolic ≥ 90 mm Hg, or high blood pressure medication use in the past 2 weeks.