Supplemental Material

Table S1. Meta analyzed result for association between visit-to-visit variability and subclinical arrhythmias.

	Results using standard deviation to assess variability*	Results using square root of residual mean square to assess variability ^a							
Systolic blood pressure									
Subclinical AF	1.32 (1.05, 1.58)	1.20 (1.02, 1.38)							
PACs/hr	1.08 (1.00, 1.16)	1.08 (1.01, 1.15)							
SVT/hr	1.00 (0.95, 1.16)	1.00 (0.95, 1.05)							
Pulse pressure									
Subclinical AF	1.18 (0.94, 1.41)	1.18 (1.00, 1.37)							
PACs/hr	1.05 (0.96, 1.12)	1.04 (0.96, 1.12)							
SVT/hr	1.00 (0.94, 1.06)	1.04 (0.98, 1.10)							

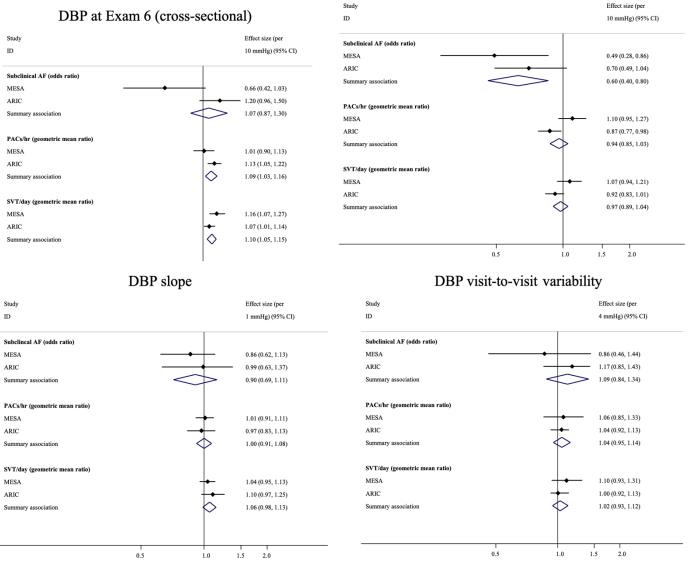
*Models adjust for age, sex, race/ethnicity, site, height, weight, diabetes and use of antihypertensive medications

Figure S1. Dates of follow-up exams in the Multi-Ethnic Study of Atherosclerosis and the Atherosclerosis Risk in Communities cohorts.

1987	7 1988	1989	1990 1991	1992	1993	1994 1	995 1	L996 :	1997 1	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013 2014	2015	2016 2017	2018
	RIC Exam 37-'89	1	ARIC Exam 2 '90-'92	2	ARIC '93-'9	Exam 3 95		ARI '96-	C Exam 4 -'98	4														IC Exam : L-13	5		ARIC Exam 6 '16-'17	
												MESA '00-'0	Exam 1 2	MESA '02-'(A Exam 2)4	MES/ Exam '04-'0	3 '0	IESA Exam 5-'07	n 4			Exa	ESA am 5)-'11				MESA Exa ('16-'18	m 6

Figure S2. Meta-analysis results for associations between diastolic blood pressure exposure variables and atrial arrhythmias.

DBP long-term mean



Models adjust for age, sex, race/ethnicity, site, height, weight, diabetes and use of antihypertensive medications.