

SUPPLEMENTARY DATA

**Supplementary Table S1. Crude incidence rates and incidence rate ratios for each race-sex group stratified by age, the REGARDS Study**

<b>Age &lt;65 years at baseline</b>									
	<b>n/N *</b>	<b>Person years</b>	<b>IR<sup>†</sup></b>	<b>95%CI</b>		<b>IRR<sup>‡</sup></b>	<b>95%CI</b>		
<b>White Women</b>									
<b>No Diabetes</b>	38/3296	30818.08	1.23	0.90	1.69	-	-	-	-
<b>Diabetes</b>	18/373	3221.89	5.59	3.53	8.84	4.53	2.59	7.91	-
<b>Black Women</b>									
<b>No Diabetes</b>	53/2359	20687.66	2.56	1.96	3.35	-	-	-	-
<b>Diabetes</b>	34/784	6476.72	5.25	3.75	7.34	2.05	1.33	3.15	-
<b>White Men</b>									
<b>No Diabetes</b>	63/2795	27368.11	2.30	1.80	2.95	-	-	-	-
<b>Diabetes</b>	25/459	4186.01	5.97	4.03	8.86	2.59	1.63	4.13	-
<b>Black Men</b>									
<b>No Diabetes</b>	48/1360	11824.12	4.06	3.06	5.38	-	-	-	-
<b>Diabetes</b>	23/477	4098.58	5.61	3.72	8.46	1.38	0.84	2.28	-
<b>Age ≥ 65 years at baseline</b>									
		<b>Person years</b>	<b>IR<sup>†</sup></b>	<b>95%CI</b>		<b>IRR<sup>‡</sup></b>	<b>95%CI</b>		
<b>White Women</b>									
<b>No Diabetes</b>	158/2882	25358.3	6.23	5.33	7.28	-	-	-	-
<b>Diabetes</b>	38/418	3174.31	11.97	8.72	16.43	1.92	1.35	2.74	-
<b>Black Women</b>									
<b>No Diabetes</b>	112/1740	14710.27	7.61	6.32	9.17	-	-	-	-
<b>Diabetes</b>	47/723	5572.04	8.44	6.35	11.21	1.11	0.79	1.56	-
<b>White Men</b>									
<b>No Diabetes</b>	221/3092	27339.94	8.08	7.08	9.22	-	-	-	-
<b>Diabetes</b>	42/668	5142.82	8.17	6.03	11.06	1.01	0.73	1.41	-
<b>Black Men</b>									
<b>No Diabetes</b>	56/1079	8970.31	6.24	4.80	8.12	-	-	-	-
<b>Diabetes</b>	42/497	3755.05	11.18	8.25	15.16	1.79	1.20	2.68	-

\* n in the numerator is total stroke events in each group, n in the denominator is total individuals in the corresponding group

† Incidence Rate Per 1000 person-years

‡ Incidence Rate Ratio

SUPPLEMENTARY DATA

**Supplementary Table S2. Hazard ratios for the association of diabetes with risk of ischemic stroke by age, race and sex groups, the REGARDS Study\***

	Adjusted Model <sup>†</sup>		
	n/N	HR	95%CI
<b>Age &lt;65 years at baseline</b>			
White Women with Diabetes	18/373	4.10	2.30-7.32
White Women without Diabetes	34/3296	-	-
Black Women with Diabetes	29/784	1.98	1.23-3.18
Black Women without Diabetes	43/2359	-	-
White Men with Diabetes	21/459	1.92	1.15-3.20
White Men without Diabetes	55/2795	-	-
Black Men with Diabetes	22/477	1.40	0.83-2.36
Black Men without Diabetes	42/1360	-	-
<b>Age ≥ 65 years at baseline</b>			
White Women with Diabetes	38/418	1.98	1.38-2.86
White Women without Diabetes	143/2882	-	-
Black Women with Diabetes	44/723	1.08	0.75-1.54
Black Women without Diabetes	103/1740	-	-
White Men with Diabetes	34/668	0.78	0.54-1.13
White Men without Diabetes	197/3092	-	-
Black Men with Diabetes	39/497	1.70	1.12-2.58
Black Men without Diabetes	52/1079	-	-

\* Interaction term age-race-sex-diabetes p = 0.1328

<sup>†</sup> n in the numerator is total stroke events in each group, n in the denominator is total individuals in the corresponding group

Adjusted for education, annual household income, health insurance coverage, geographic region of residence, alcohol consumption, smoking status, and physical activity, body mass index, triglyceride-HDL ratio, LDL cholesterol, statin use, systolic blood pressure, use of anti-hypertensive medications, estimated glomerular filtration rate, albumin to creatinine ratio, history of myocardial infarction, history of atrial fibrillation, left ventricular hypertrophy

**Supplementary Figure S1. Inclusion/Exclusion Flow-Chart of the REGARDS Study Participants**

