

SUPPLEMENTARY DATA

Supplementary Table 1. Predictors of All-cause Mortality in Individuals with Type 2 Diabetes¹, by Sex-Race Groups.

	Males		Females	
	Whites	African Americans	Whites	African Americans
Mortality rate (events per 1,000 person years)²	42.6	32.5	20.1	17.4
Characteristic	HR (95% CI)	HR (95% CI)	HR (95% CI)	HR (95% CI)
Duration category				
<10 years	Ref	Ref	Ref	Ref
10-19 years	1.16 (0.83-1.61)	1.03 (0.84-1.26)	0.99 (0.70-1.39)	1.40 (1.16-1.68)
20+ years	1.07 (0.64-1.81)	1.43 (1.07-1.90)	1.05 (0.67-1.64)	1.20 (0.93-1.55)
p-value³	0.35	0.08	0.72	0.02
Hyperglycemic medication***				
None	Ref	Ref	Ref	Ref
Insulin only	1.81 (1.10-2.97)	2.32 (1.72-3.15)	2.57 (1.59-4.15)	2.23 (1.62-3.05)
Insulin + oral agent	2.02 (1.20-3.39)	2.20 (1.50-3.25)	1.89 (1.13-3.17)	1.60 (1.13-2.28)
Oral agent only	1.04 (0.67-1.61)	1.34 (0.99-1.82)	0.98 (0.65-1.50)	1.06 (0.79-1.43)
Missing data on medication	1.16 (0.60-2.25)	1.35 (0.93-1.97)	1.48 (0.63-3.45)	1.39 (0.90-2.14)
p-value⁴	0.005	<0.0001	<0.0001	<0.0001
CVD	1.18 (0.86-1.62)	1.91 (1.53-2.38)	1.13 (0.80-1.60)	1.40 (1.12-1.75)
	0.31	<0.0001	0.48	0.003
Stroke/TIA	1.27 (0.87-1.84)	1.58 (1.26-1.97)	1.47 (1.03-2.10)	1.45 (1.16-1.80)
	0.21	<0.0001	0.03	0.0009
Hypertension	1.11 (0.77-1.60)	1.85 (1.42-2.41)	1.10 (0.78-1.56)	1.17 (0.91-1.51)
p-value	0.57	<0.0001	0.59	0.21
High cholesterol***				
No high cholesterol	Ref	Ref	Ref	Ref
High cholesterol, not treated	0.86 (0.56-1.33)	0.92 (0.71-1.19)	0.86 (0.58-1.27)	0.96 (0.76-1.21)
High cholesterol, statin	0.80 (0.57-1.13)	0.60 (0.47-0.77)	0.66 (0.48-0.92)	0.86 (0.71-1.04)
High cholesterol, other	0.51 (0.29-0.88)	0.97 (0.73-1.28)	0.83 (0.49-1.41)	0.80 (0.56-1.14)
cholesterol lowering medication				
p-value⁴	0.09	0.0003	0.10	0.33

¹ Type 2 diabetes defined as diabetes diagnosed at or after the age of 30 years.

² Age-adjusted mortality rate using total population as the age standard.

³ p-value for linear trend with duration of diabetes. ⁴ p-value for overall differences between categories.

Cox models included

BMI, BMI squared, smoking (never/former/current), education (<12 yrs, 12 yrs/vocational school, ≥some college) and income (<\$15,000, \$15,000-24,999, ≥\$25,000), and have health insurance as covariates.