

SUPPLEMENTARY DATA

**Supplementary Table 1.** Hazard Ratios for Mortality by Baseline Covariates Within Glycemia Groups (Used for models containing updated, annualized number of hypoglycemic events)

Predictor	Intensive Glycemia (N=370 Deaths)			Standard Glycemia (N=308 Deaths)		
	HR (95% CI)	P-value	Overall P-value	HR (95% CI)	P-value	Overall P-value
Age	1.06 (1.04, 1.07)	<0.001		1.07 (1.05,1.09)	<0.001	
Race			0.052			0.144
AA	1.55 (0.95, 2.55)	0.081		1.41 (0.82, 2.42)	0.218	
Hispanic	0.97 (0.51, 1.87)	0.934		1.44 (0.75, 2.77)	0.276	
NHW	1.62 (1.03, 2.56)	0.037		1.70 (1.04, 2.77)	0.034	
Other	Reference			Reference		
Education			0.023			0.252
College Grad or More	0.75 (0.55, 1.01)	0.057		0.84 (0.61, 1.15)	0.276	
High School Grad	0.98 (0.75, 1.28)	0.903		1.10 (0.83, 1.47)	0.501	
Less than HS	1.27 (0.94, 1.70)	0.116		1.19 (0.85, 1.67)	0.321	
Some College	Reference			Reference		
Smoking			<0.001			<0.001
Current	1.83 (1.33, 2.51)	<0.001		2.21 (1.58, 3.09)	<0.001	
Former	1.30 (1.02, 1.65)	0.034		1.31 (1.01, 1.71)	0.041	
Never	Reference			Reference		
Secondary Prevention	1.56 (1.26, 1.94)	<0.001		1.28 (1.01, 1.62)	0.039	
Baseline A1c	1.18 (1.08, 1.29)	<0.001		1.04 (0.94, 1.17)	0.442	
BMI	1.03 (1.01, 1.05)	0.010		1.02 (0.99, 1.04)	0.150	
Serum Creatinine	1.48 (0.97, 2.26)	0.066		1.39 (0.85, 2.28)	0.184	
Urinary Alb/Cr mg/mg			<0.001			<0.001
<30	0.48 (0.34, 0.66)	<0.001		0.46 (0.32, 0.65)	<0.001	
30 to <=300	0.75 (0.54, 1.05)	0.092		0.61 (0.42, 0.88)	0.009	
>300	Reference			Reference		
Heart Failure/CHF	1.81 (1.30, 2.51)	<0.001		2.15 (1.50, 3.07)	<0.001	
Amputation	1.70 (0.99, 2.91)	0.055		1.82 (1.03, 3.21)	0.038	
Integrated Health Plan	1.18 (0.96, 1.46)	0.116		1.14 (0.90, 1.44)	0.271	
Lipid Trial	1.55 (1.14, 2.10)	0.006		0.98 (0.72, 1.35)	0.922	
Intensive Lipid	0.86 (0.66, 1.11)	0.245		1.03 (0.76, 1.39)	0.834	
Intensive BP	1.18 (0.85, 1.65)	0.328		0.91 (0.65, 1.28)	0.593	

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**Supplementary Table 2.** Hazard Ratios for Mortality by Baseline Covariates Within Glycemia Groups (Used for models containing updated, annualized number of 4 month intervals where participant was hypoglycemia unaware)

Predictor	Intensive Glycemia (N=370 Deaths)			Standard Glycemia (N=308 Deaths)		
	HR (95% CI)	P-value	Overall P-value	HR (95% CI)	P-value	Overall P-value
<b>Age</b>	1.06 (1.05, 1.08)	<0.001		1.06 (1.04, 1.08)	<0.001	
<b>Race</b>			0.224			0.471
<b>AA</b>	1.58 (0.91, 2.74)	0.104		1.26 (0.72, 2.23)	0.418	
<b>Hispanic</b>	1.16 (0.57, 2.35)	0.683		1.17 (0.58, 2.37)	0.656	
<b>NHW</b>	1.59 (0.96, 2.64)	0.071		1.44 (0.87, 2.40)	0.616	
<b>Other</b>	Reference			Reference		
<b>Education</b>			0.068			0.144
<b>College Grad or More</b>	0.72 (0.52, 1.01)	0.058		0.74 (0.52, 1.06)	0.105	
<b>High School Grad</b>	0.92 (0.68, 1.23)	0.565		1.02 (0.74, 1.40)	0.897	
<b>Less than HS</b>	1.19 (0.86, 1.65)	0.302		1.20 (0.83, 1.75)	0.331	
<b>Some College</b>	Reference			Reference		
<b>Smoking</b>			0.001			0.003
<b>Current</b>	1.94 (1.36, 2.76)	<0.001		1.90 (1.31, 2.80)	0.001	
<b>Former</b>	1.33 (1.02, 1.74)	0.036		1.31 (0.98, 1.74)	0.070	
<b>Never</b>	Reference			Reference		
<b>Secondary Prevention</b>	1.64 (1.29, 2.09)	<0.001		1.29 (0.99, 1.68)	0.057	
<b>Baseline A1c</b>	1.15 (1.07, 1.28)	0.008		1.07 (0.95, 1.21)	0.271	
<b>BMI</b>	1.03 (1.01, 1.05)	0.008		1.01 (0.99, 1.04)	0.328	
<b>Serum Creatinine</b>	1.80 (1.13, 2.87)	0.014		1.54 (0.88, 2.68)	0.132	
<b>Urinary Alb/Cr mg/mg</b>			<0.001			0.010
<b>&lt;30</b>	0.49 (0.34, 0.70)	<0.001		0.56 (0.37, 0.84)	0.006	
<b>30 to &lt;=300</b>	0.71 (0.49, 1.04)	0.078		0.74 (0.48, 1.15)	0.179	
<b>&gt;300</b>	Reference			Reference		
<b>Heart Failure/CHF</b>	1.84 (1.28, 2.65)	0.001		2.18 (1.47, 3.25)	<0.001	
<b>Amputation</b>	1.50 (0.80, 2.84)	0.208		1.94 (1.05, 3.59)	0.035	
<b>Integrated Health Plan</b>	1.09 (0.86, 1.38)	0.480		1.09 (0.84, 1.41)	0.517	
<b>Lipid Trial</b>	1.40 (1.01, 1.95)	0.045		1.09 (0.77, 1.54)	0.632	
<b>Intensive Lipid</b>	0.83 (0.62, 1.11)	0.201		0.90 (0.65, 1.25)	0.531	
<b>Intensive BP</b>	1.00 (0.69, 1.44)	0.980		0.88 (0.60, 1.28)	0.496	

**Supplementary Figure 1. Number of Participants Used in Analyses**

