Online Supplemental Material

#### Appendix: WISDM Study Group

A listing of the Wireless Innovation for Seniors with Diabetes Mellitus (WISDM) sites with participating principal investigators (PI), co-investigators (I), primary coordinator (PC) and coordinators (C) is included below:

<u>Icahn School of Medicine at Mt Sinai New York, NY</u> Carol Levy, MD, CDE (PI); David Lam, MD (I); Grenye O'Malley, MD (I); Camilla Levister. NP, CDE (I); Nirali Shah, MD (I); Selassie Ogyaadu, MD, MPH (PC);

<u>Mayo Clinic Rochester, MN</u> Yogish Kudva, MD (PI); Vinaya Simha, MD (I); Shelly McCrady Spitzer (C); Corey Reid (PC); V Dadlani (C);

International Diabetes Center/Park Nicollet Minneapolis, MN Anders Carlson, MD (PI); Richard Bergenstal, MD (I); Marcia Madden, MPH, RN, CNP, CDE (I); Thomas Martens, MD (I); Sean Dunnigan, RN (PC); Kathleen McCann, RN (C);

<u>University of Washington, Diabetes Care Center Seattle, WA</u> Irl Hirsch, MD (PI); Dace Trence, MD FACE (I); Subbulaxmi Trikudanathan, MD, MRCP, MMSc (I); Lorena Wright, MD (I); Andrea Toulouse, MS (PC); Dori Khakpour, RDN, CD, CDE (C); Lori Sameshima, RN (C); Nancy Sanborn, ND, CDE (C)

Naomi Berrie Diabetes Center, Columbia University New York City, NY Robin Goland, MD (PI); Lauren Golden, MD (I); Sarah Pollak, RN, MSN (PC); Courtney Melrose, MPH, RDN, CDE (C); Analia Alvarez, RN, BSN (C); Elizabeth Robinson (C); Eleanor Zagoren (C);

<u>University of North Carolina Diabetes Care Center Chapel Hill, NC</u> Laura Young, MD, PhD (PI); Elizabeth Harris, MD, FACE (I); John Buse, MD, PhD (I); Katherine Bergamo, BSN, MSN, FNP-C (I); Marian Sue Kirkman, MD (I); Jean Dostou, MD, FACE (I); Alexander Kass, BSN, RN, CDE (PC); Milana Dezube, BSN, RN, CDE (C); Rahul Kathard (C); Jamie C Diner, BSN, RN, CDE (C);

Henry Ford Health System Detroit, MI Davida Kruger, NP (PI); Natalie Corker (PC); Heather Remtema (C);

<u>Keck School of Medicine of University of Southern California Los Angeles, CA</u> Anne Peters, MD (PI); Mark Harmel, MPH, CDE (PC);

<u>SUNY Upstate Medical University Syracuse, NY</u> Ruth Weinstock, MD, PhD (PI); Suzan Bzdick, RN, CDE (PC);

<u>Atlanta Diabetes Associates</u> <u>Atlanta, GA</u> Bruce Bode, MD (PI); Jennifer Boyd, PA (I); Joseph Johnson, PA (I); Lisa Kiblinger, RN, NP-C, CDE (I); Jonathan Ownby, MD (I); Nitin Rastogi, MBBS (PC); Blake Winslett (C); Tracy Lawrence (C);

Harold Schnitzer Diabetes Health Center at Oregon Health and Science University Portland, OR Andrew Ahmann, MD (PI); Jessica Castle, MD (I); Farahnaz Joarder, MD (I); Diana Aby-Daniel, PA (I); Victoria Morimoto, PA (I); Kathryn Hanavan, RN, NP (I); Kristin Jahnke (PC); Rebecca Fitch (C); Brianna Moralez-Gomez (C);

Washington University St. Louis, MO Janet McGill, MD (PI); Maamoun Salam, MD (I); Stacy Hurst, RN, BSN, CDE (PC); Mary Jane Clifton, CCRP (C); Carol Recklein, RN, MHS, CDE (C); Toni Schweiger, RN (C); Alex Goay, BA (C);

<u>Northwestern University Chicago, IL</u> Grazia Aleppo, MD (PI); Emily Szmuilowicz, MD (I); Elaine Massaro, MS RN, CDE (PC); Anupam Bansal, MD (C);

<u>University of Miami, Division of Endocrinology, Diabetes & Metabolism, FL</u> Francesco Vendrame, MD, PhD (PI); Natalia Sanders-Branca, MD (PC); Della Matheson, RN, CDE (C);

<u>University of Michigan Ann Arbor, MI</u> Rodica Pop-Busui, MD, PhD (PI); Lynn Ang, MD (I); Kara Mizokami-Stout, MD (I); Cynthia Plunkett, RN (PC); Brittany Plunkett (C); Virginia Leone (C)

<u>University of Pennsylvania Perelman School of Medicine/Rodebaugh Diabetes Center</u> <u>Philadelphia, PA</u> Michael Rickels, MD, MS (PI); Amy Peleckis, MSN, CRNP (I); Cornelia Dalton-Bakes, MS, CCRC (PC); Eileen Markmann, BSN (C);

<u>University of Massachusetts Medical School Worcester, MA</u> Michael Thompson, MD (PI); Nina Rosano, MD (I); Celia Hartigan, RN, MPH (PC);

<u>Iowa Diabetes and Endocrinology Research Center, West Des Moines, IA</u> Anuj Bhargava, MD (PI); Kathleen Fitzgerald, RN (I); Kirstie Stifel (PC); Lisa Borg (C);

AdventHealth, The Translational Research Institute Orlando, FL Richard Pratley, MD (PI); Melissa Rooney, ARNP (I); Heather Richmod, PA (I); Karthik Chivukula, MD (I); Keri Whitaker, RN (PC); Karla Flores Perez (C);

<u>The University of Chicago Chicago, IL</u> Louis Phillipson, MD, PhD (PI); Celeste Thomas, MD, MS (I); Gail Gannon, APN, FNP-C (I); Mariko Pusinello, APN, RN (C) (C);

<u>University of Colorado/Denver, Barbara Davis Center for Diabetes Aurora, CO</u> Viral Shah, MD (PI); Halis Kaan Akturk, MD (I); Hal Joseph, PA-C (I); Lisa Myers (PC); Prakriti Joshee (C); Elizabeth Beck (C);

Scripps Whittier Diabetes Institute San Diego, CA Athena Philis-Tsimikas, MD (PI); George Dailey, MD (I); Amy Chang, MD (I); James McCallum, MD (I); Maria Isabel Garcia, RN (PC); Rosario Rosal (C);

Jaeb Center for Health Research Tampa, FL Kellee M. Miller, PhD Alandra Verdejo, MPH, Nicole Reese, BS, David McNabb, AS, Heidi Strayer, PhD, Kamille Janess, BS, Israel Mahr, MS, Lauren Kanapka, MSc, Craig Kollman PhD, Roy Beck, MD, PhD

WISDM Operations Committee Members: Richard Pratley, MD, Michael Rickels, MD, MPH, Naomi Chaytor, PhD, Steven Fox, MD, Kellee M. Miller, PhD

		Rate of Hypoglycemic Events per Week				
	Ν	Median (Q1, Q3)	Univariate P-Value <sup>b</sup>	Multivariate P-Value <sup>b,c</sup>		
Overall	203	2.4 (1.1, 4.0)	-	-		
Age (years) <sup>d</sup>			0.22	-		
60-<65	55	2.6 (1.1, 4.4)				
65-<70	82	2.7 (0.7, 4.1)				
≥70	66	2.0 (1.1, 3.3)				
Sex			0.22	0.17		
Female	105	2.7 (1.5, 4.2)				
Male	98	2.0 (0.7, 3.7)				
Race/Ethnicity			0.39	-		
White non-Hispanic	187	2.4 (1.0, 3.9)				
Non-White	14	3.4 (1.7, 6.2)				
Annual Household Income			0.49	-		
<\$35,000	21	2.8 (1.6, 3.8)				
\$35,000-<\$75,000	43	2.7 (1.1, 4.1)				
≥\$75,000	78	2.1 (1.1, 3.8)				
Education Level	70	2.1 (1.1, 5.0)	0.14	0.22		
High school or less	12	3.7 (3.1, 6.3)	0.14	0.22		
Some college or college degree	128	2.5 (1.0, 4.0)				
Graduate or professional degree	61	2.1 (0.7, 3.1)				
Health Insurance	01	2.1 (0.7, 5.1)	0.47			
Private	57	3.1 (1.1, 5.5)	0.47	-		
Private and Medicare	70	2.2 (1.1, 3.8)				
Medicare/Other	70 76	2.2(1.1, 3.8) 2.5(1.0, 3.7)				
Live Alone	70	2.3 (1.0, 5.7)	0.49			
	152	22(10,20)	0.49	-		
No	153	2.3(1.0, 3.9)				
Yes	50	2.8 (1.6, 4.0)	0.66			
Employment Status		$\mathbf{O}((1,0,2,0))$	0.66	-		
Employed/Self-employed	76	2.6 (1.0, 3.8)				
Retired	118	2.2 (1.0, 4.0)				
Unemployed	9	2.8 (2.2, 4.1)				
BMI (kg/m <sup>2</sup> ) <sup>d</sup>			0.49	-		
Underweight/Normal weight (<25)	72	2.6 (0.9, 3.7)				
Overweight (25-29.9)	75	2.7 (1.6, 5.2)				
Obese (≥30)	53	1.7 (0.7, 3.8)				
T1D Duration (years) <sup>d</sup>			0.40	-		
<25	51	2.1 (0.6, 3.7)				
25-<50	107	2.6 (1.4, 4.7)				
≥50	45	2.6 (1.0, 3.8)				
Age at Diagnosis (years) <sup>d</sup>			0.24	-		
<25	75	2.8 (1.5, 4.7)				
25-<50	95	2.1 (1.1, 4.2)				
≥50	33	2.0 (0.6, 3.3)				
Insulin Delivery Method		(,)	0.53	-		
Injections	95	2.8 (0.9, 4.7)	0.00			
Pump	108	2.2 (1.2, 3.6)				

# Supplemental Table S1: Rate of CGM Measured Hypoglycemic Events per Week<sup>a</sup>

		Rate of Hypoglycemic Events per Week					
	Ν	Median (Q1, Q3)	Univariate P-Value <sup>b</sup>	Multivariate P-Value <sup>b,c</sup>			
Total Daily Insulin (units per kg of			0.22	0.14			
body weight) <sup>d</sup>			0.22	0.14			
<0.5	89	2.2 (0.9, 3.6)					
≥0.5	103	2.7 (1.1, 4.4)					
Prior CGM use			0.77	-			
Prior CGM use	93	2.6 (0.9, 3.7)					
No prior CGM use	110	2.3 (1.1, 4.1)					
Average BGM Checks Per Day <sup>d</sup>			0.40	-			
<4	50	2.8 (1.1, 4.7)					
≥4	153	2.3 (1.0, 3.8)					
Detectable C-peptide			0.18	-			
No	157	2.6 (1.4, 4.1)					
Yes	46	1.7 (0.5, 3.6)					
<b>Reduced Hypoglycemia Awareness</b>			0.03	0.05			
Yes	61	2.8 (2.0, 5.6)					
No	138	2.1 (0.8, 3.7)					

a. A hypoglycemic event was defined as 15 consecutive minutes with a sensor glucose value <54 mg/dL. The end of the hypoglycemic event was defined as a minimum of 15 consecutive minutes with a sensor glucose concentration  $\geq$ 70 mg/dL.

b. P-values have been adjusted for multiple comparisons using the adaptive Benjamini-Hochberg procedure to control the false discovery rate.

c. Only variables with P < 0.1 in a multivariate model were included in the final model. P-values are only given for variables that were selected in the final model.

d. Entered in the models as continuous variables. Categories are for displaying descriptive information only, not regression.

		Daytime %	Time <54 m	g/dL	Nighttime % Time <54 mg/dL		
	Ν	Median (Q1, Q3)	Univariate	Multivariate	Median (Q1, Q3)	Univariate	Multivariate
		Wiedlah $(Q1, Q3)$	P-Value <sup>a</sup>	P-Value <sup>a,b</sup>	Wiedian $(Q1, Q3)$	P-Value <sup>a</sup>	P-Value <sup>a,b</sup>
Overall	203	1.4% (0.5%, 3.1%)	-	-	1.4% (0.0%, 5.5%)	-	-
Age (years) <sup>c</sup>			0.07	-		0.97	-
60-<65	55	2.0% (0.7%, 3.8%)			1.9% (0.0%, 5.8%)		
65-<70	82	1.4% (0.5%, 3.2%)			1.5% (0.0%, 5.7%)		
$\geq 70$	66	1.2% (0.4%, 2.2%)			1.0% (0.0%, 4.0%)		
Sex			0.32	-		0.97	-
Female	105	1.6% (0.7%, 3.2%)			1.9% (0.0%, 5.7%)		
Male	98	1.2% (0.4%, 3.0%)			1.2% (0.0%, 5.1%)		
Race/Ethnicity			0.48	-		0.97	-
White non-Hispanic	187	1.4% (0.5%, 3.1%)			1.4% (0.0%, 5.5%)		
Non-White	14	1.8% (1.2%, 3.7%)			5.0% (0.0%, 5.7%)		
Annual Household Income			0.38	-		0.99	-
<\$35,000	21	2.5% (1.1%, 4.7%)			2.7% (0.0%, 5.2%)		
\$35,000-<\$75,000	43	1.5% (0.4%, 2.4%)			1.4% (0.0%, 5.8%)		
≥\$75,000	78	1.4% (0.4%, 3.1%)			1.4% (0.0%, 5.5%)		
Education Level			0.03	0.04		0.97	-
High school or less	12	2.6% (1.8%, 7.2%)			2.4% (0.4%, 5.6%)		
Some college or college degree	128	1.4% (0.5%, 3.1%)			1.7% (0.0%, 5.7%)		
Graduate or professional degree	61	1.2% (0.4%, 2.5%)			1.2% (0.0%, 4.0%)		
Health Insurance			0.37	-		0.97	-
Private	57	1.6% (0.6%, 3.8%)			2.5% (0.0%, 6.1%)		
Private and Medicare	70	1.2% (0.5%, 2.3%)			1.3% (0.0%, 4.8%)		
Medicare/Other	76	1.5% (0.5%, 3.1%)			1.5% (0.1%, 5.1%)		
Live Alone			0.31	-		0.97	-
No	153	1.3% (0.5%, 2.9%)			1.3% (0.0%, 5.6%)		
Yes	50	1.8% (1.1%, 3.6%)			2.1% (0.1%, 5.1%)		
Employment Status			0.48	-		0.97	-
Employed/Self-employed	76	1.4% (0.5%, 3.0%)			1.9% (0.0%, 5.2%)		
Retired	118	1.4% (0.5%, 3.2%)			1.0% (0.0%, 5.7%)		
Unemployed	9	1.7% (1.4%, 2.5%)			1.1% (0.5%, 4.8%)		
BMI $(kg/m^2)^c$			0.57	-	( , - )	0.99	-
Underweight/Normal weight (<25)	72	1.5% (0.5%, 3.6%)			1.0% (0.0%, 4.9%)		

## Supplemental Table S2: Daytime (6am -<12am) and Nighttime (12am-<6am) % Time <54 mg/dL

		Daytime %	Time <54 m	g/dL	Nighttime %	% Time <54 r	ng/dL
	Ν	Madian (01 02)	Univariate	Multivariate	Madian (01 02)	Univariate	Multivariate
		Median (Q1, Q3)	P-Value <sup>a</sup>	P-Value <sup>a,b</sup>	Median (Q1, Q3)	P-Value <sup>a</sup>	P-Value <sup>a,b</sup>
Overweight (25-29.9)	75	1.6% (0.8%, 3.2%)			2.3% (0.4%, 5.8%)		
Obese (≥30)	53	1.2% (0.4%, 2.4%)			0.8% (0.0%, 3.5%)		
T1D Duration (years) <sup>c</sup>			0.10	-		0.97	-
<25	51	1.2% (0.3%, 2.0%)			1.1% (0.0%, 6.8%)		
25-<50	107	1.4% (0.6%, 3.4%)			1.3% (0.0%, 4.2%)		
≥50	45	1.6% (0.6%, 3.2%)			1.9% (0.4%, 5.8%)		
Age at Diagnosis (years) <sup>c</sup>			0.03	0.14		0.97	-
<25	75	2.2% (0.8%, 3.8%)			1.9% (0.4%, 5.6%)		
25-<50	95	1.3% (0.5%, 3.0%)			1.2% (0.0%, 5.2%)		
$\geq 50$	33	1.2% (0.2%, 1.6%)			0.8% (0.0%, 5.1%)		
Insulin Delivery Method			0.98	-		0.64	0.47
Injections	95	1.4% (0.5%, 3.4%)			2.5% (0.0%, 6.1%)		
Pump	108	1.5% (0.6%, 3.0%)			1.1% (0.0%, 4.5%)		
Total Daily Insulin (units per kg of			0.07	0.06		0.07	
body weight) <sup>c</sup>			0.07	0.06		0.97	-
<0.5	89	1.2% (0.3%, 2.4%)			1.7% (0.0%, 5.5%)		
≥0.5	103	1.7% (0.7%, 3.6%)			1.7% (0.1%, 5.6%)		
Prior CGM use			0.63	-		0.97	-
Prior CGM use	93	1.4% (0.4%, 3.1%)			1.4% (0.0%, 5.5%)		
No prior CGM use	110	1.4% (0.7%, 3.2%)			1.5% (0.0%, 5.5%)		
Average BGM Checks Per Day <sup>c</sup>			0.32	-		0.97	-
<4	50	1.7% (0.6%, 3.4%)			2.1% (0.4%, 5.7%)		
≥4	153	1.3% (0.5%, 2.9%)			1.4% (0.0%, 5.3%)		
Detectable C-peptide			0.06	-		0.97	0.54
No	157	1.6% (0.7%, 3.3%)			1.7% (0.1%, 5.6%)		
Yes	46	1.2% (0.2%, 1.8%)			0.5% (0.0%, 4.0%)		
Reduced Hypoglycemia Awareness			< 0.001	< 0.001		0.97	-
Yes	61	2.4% (1.3%, 4.3%)			2.1% (0.1%, 5.7%)		
No	138	1.2% (0.4%, 2.6%)			1.3% (0.0%, 5.5%)		

a. P-values have been adjusted for multiple comparisons using the adaptive Benjamini-Hochberg procedure to control the false discovery rate.

b. Only variables with P < 0.1 in a multivariate model were included in the final model. P-values are only given for variables that were selected in the final model.

c. Entered in the models as continuous variables. Categories are for displaying descriptive information only, not regression.

## Supplemental Table S3: CGM Measured Hyperglycemia

		<b>% T</b> i	ime >180 mg/	dL	% Tin	ne >250 mg/d	
	Ν	Mean $\pm$ SD	Univariate	Multivariate	Median (Q1, Q3)	Univariate	Multivariate
			P-Value <sup>a</sup>	P-Value <sup>a,b</sup>		P-Value <sup>a</sup>	P-Value <sup>a,b</sup>
Overall	203	$37\%\pm16\%$	-	-	12% (6%, 21%)	-	-
Age (years) <sup>c</sup>			0.42	-		0.27	-
60-<65	55	$40\%\pm16\%$			14% (6%, 25%)		
65-<70	82	$37\%\pm16\%$			11% (5%, 18%)		
$\geq 70$	66	$36\%\pm16\%$			10% (6%, 19%)		
Sex			0.61	-		0.67	-
Female	105	$36\%\pm15\%$			10% (6%, 18%)		
Male	98	$38\%\pm17\%$			13% (6%, 21%)		
Race/Ethnicity			0.63	-		0.63	-
White non-Hispanic	187	$38\%\pm16\%$			12% (6%, 21%)		
Non-White	14	$34\%\pm17\%$			9% (5%, 18%)		
Annual Household Income			0.35	0.02		0.25	0.003
<\$35,000	21	$35\%\pm15\%$			11% (5%, 18%)		
\$35,000-<\$75,000	43	$40\%\pm18\%$			15% (7%, 22%)		
≥\$75,000	78	$35\% \pm 15\%$			9% (6%, 18%)		
Education Level			0.61	-		0.52	-
High school or less	12	$32\%\pm12\%$			9% (4%, 16%)		
Some college or college degree	128	$38\% \pm 16\%$			13% (6%, 21%)		
Graduate or professional degree	61	$37\% \pm 17\%$			9% (6%, 21%)		
Health Insurance			0.38	-		0.34	-
Private	57	$41\%\pm16\%$			14% (8%, 25%)		
Private and Medicare	70	$37\% \pm 16\%$			10% (6%, 20%)		
Medicare/Other	76	$35\% \pm 16\%$			11% (5%, 16%)		
Live Alone			0.67	-		0.61	-
No	153	$37\% \pm 16\%$			11% (6%, 18%)		
Yes	50	$39\% \pm 16\%$			13% (6%, 22%)		
Employment Status			0.007	0.002		0.001	< 0.001
Employed/Self-employed	76	$43\% \pm 16\%$			16% (8%, 25%)		
Retired	118	$34\% \pm 15\%$			8% (5%, 15%)		
Unemployed	9	$42\% \pm 11\%$			21% (12%, 27%)		
BMI $(kg/m^2)^c$			0.61	-		0.61	-
Underweight/Normal weight (<25)	72	$37\% \pm 16\%$	_		11% (5%, 18%)	_	

		% T	ime >180 mg/	dL	% Tin	ne >250 mg/d	L
	Ν	$Mean \pm SD$	Univariate P-Value <sup>a</sup>	Multivariate P-Value <sup>a,b</sup>	Median (Q1, Q3)	Univariate P-Value <sup>a</sup>	Multivariate P-Value <sup>a,b</sup>
Overweight (25-29.9)	75	$37\% \pm 17\%$			10% (6%, 21%)		
Obese (≥30)	53	$40\%\pm15\%$			12% (8%, 22%)		
T1D Duration (years) <sup>c</sup>			0.41	-		0.77	-
<25	51	$37\%\pm16\%$			11% (5%, 19%)		
25-<50	107	$39\%\pm16\%$			12% (6%, 22%)		
≥50	45	$34\%\pm16\%$			10% (6%, 16%)		
Age at Diagnosis (years) <sup>c</sup>			0.61	-		0.76	-
<25	75	$35\%\pm15\%$			10% (6%, 18%)		
25-<50	95	$39\%\pm17\%$			12% (6%, 23%)		
≥50	33	$38\%\pm17\%$			11% (5%, 21%)		
Insulin Delivery Method			0.97	-		0.96	-
Injections	95	$37\%\pm17\%$			11% (6%, 21%)		
Pump	108	$37\%\pm16\%$			12% (6%, 20%)		
Total Daily Insulin (units per kg of			0.02	0.02		0.002	0.004
body weight) <sup>c</sup>			0.02	0.03		0.003	0.004
<0.5	89	$33\%\pm15\%$			9% (5%, 15%)		
≥0.5	103	$41\%\pm16\%$			15% (7%, 25%)		
Prior CGM use			0.65	-		0.72	-
Prior CGM use	93	$37\%\pm14\%$			11% (6%, 18%)		
No prior CGM use	110	$38\%\pm18\%$			12% (5%, 22%)		
Average BGM Checks Per Day <sup>c</sup>			0.10	-		0.05	-
<4	50	$38\% \pm 17\%$			14% (5%, 21%)		
≥4	153	$37\%\pm16\%$			10% (6%, 19%)		
Detectable C-peptide			0.75	-		0.50	-
No	157	$38\%\pm16\%$			12% (6%, 21%)		
Yes	46	$37\%\pm16\%$			9% (5%, 18%)		
Reduced Hypoglycemia Awareness			0.38	0.25		0.93	-
Yes	61	$35\% \pm 15\%$			11% (6%, 17%)		
No	138	$38\% \pm 16\%$			12% (5%, 21%)		

a. P-values have been adjusted for multiple comparisons using the adaptive Benjamini-Hochberg procedure to control the false discovery rate.

b. Only variables with P < 0.1 in a multivariate model were included in the final model. P-values are only given for variables that were selected in the final model.

c. Entered in the models as continuous variables. Categories are for displaying descriptive information only, not regression.

#### Supplemental Table S4: HbA1c

		HbA1c (%)				
	Ν	$Mean \pm SD$	Univariate P-Value <sup>a</sup>	Multivariate P-Value <sup>a,b</sup>		
Overall	203	$7.5\pm0.9$	-	-		
Age (years) <sup>c</sup>			0.34	-		
60-<65	55	$7.7 \pm 1.0$				
65-<70	82	$7.4 \pm 0.8$				
$\geq 70$	66	$7.5\pm0.8$				
Sex			0.58	-		
Female	105	$7.6 \pm 0.9$				
Male	98	$7.5\pm0.8$				
Race/Ethnicity			0.57	-		
White non-Hispanic	187	$7.5\pm0.9$				
Non-White	14	$7.3 \pm 0.9$				
Annual Household Income			0.42	0.07		
<\$35,000	21	$7.4 \pm 1.1$				
\$35,000-<\$75,000	43	$7.7 \pm 0.8$				
≥\$75,000	78	$7.5 \pm 0.8$				
Education Level	,0	, = 0.0	0.49	-		
High school or less	12	$7.3\pm0.9$	0.19			
Some college or college degree	128	$7.6 \pm 0.9$				
Graduate or professional degree	61	$7.4 \pm 0.9$				
Health Insurance	01	7.1 ± 0.9	0.09	_		
Private	57	$7.8 \pm 1.0$	0.07	_		
Private and Medicare	70	$7.5 \pm 0.8$				
Medicare/Other	76	$7.3 \pm 0.3$ $7.4 \pm 0.7$				
Live Alone	70	7.4 ± 0.7	0.70	_		
No	153	$7.5 \pm 0.8$	0.70	_		
Yes	50	$7.6 \pm 1.0$				
Employment Status	50	$7.0 \pm 1.0$	< 0.001	< 0.001		
Employed/Self-employed	76	$7.8 \pm 0.8$	<0.001	<0.001		
Retired	118	$7.8 \pm 0.8$ $7.3 \pm 0.8$				
	9	$7.3 \pm 0.8$ $8.1 \pm 1.3$				
Unemployed	9	$0.1 \pm 1.3$	0.46			
BMI (kg/m <sup>2</sup> ) <sup>c</sup> Underweight/Normal weight (<25)	72	$7.5 \pm 0.9$	0.40	-		
	72 75					
Overweight (25-29.9) Obese ( $\geq$ 30)	75	$7.5 \pm 0.9$ $7.7 \pm 0.8$				
	53	$7.7 \pm 0.8$	0.46			
T1D Duration (years) <sup>c</sup> <25	51	76100	0.46	-		
	51	$7.6 \pm 0.9$				
25-<50	107	$7.6 \pm 0.9$				
$\geq$ 50	45	$7.3\pm0.8$	0.69			
Age at Diagnosis (years) <sup>c</sup>	75	$74 \pm 10$	0.68	-		
<25	75	$7.4 \pm 1.0$				
25-<50	95 22	$7.6 \pm 0.8$				
≥50	33	$7.6 \pm 0.8$	0.50			
Insulin Delivery Method	0-		0.58	-		
Injections	95	$7.6 \pm 0.9$				
Pump	108	$7.5\pm0.9$				

		HbA1c (%)				
	Ν	$Mean \pm SD$	Univariate P-Value <sup>a</sup>	Multivariate P-Value <sup>a,b</sup>		
Total Daily Insulin (units per kg of			0.27			
body weight) <sup>c</sup>			0.27	-		
<0.5	89	$7.4 \pm 0.9$				
≥0.5	103	$7.7 \pm 0.9$				
Prior CGM use			0.74	-		
Prior CGM use	93	$7.5\pm0.8$				
No prior CGM use	110	$7.5 \pm 1.0$				
Average BGM Checks Per Day <sup>c</sup>			0.10	0.34		
<4	50	$7.7 \pm 1.1$				
≥4	153	$7.5 \pm 0.8$				
Detectable C-peptide			0.70	-		
No	157	$7.5 \pm 0.9$				
Yes	46	$7.6 \pm 0.8$				
<b>Reduced Hypoglycemia Awareness</b>			0.47	-		
Yes	61	$7.4 \pm 1.0$				
No	138	$7.6\pm0.8$				

a. P-values have been adjusted for multiple comparisons using the adaptive Benjamini-Hochberg procedure to control the false discovery rate.

b. Only variables with P < 0.1 in a multivariate model were included in the final model. P-values are only given for variables that were selected in the final model.

**C.** Entered in the models as continuous variables. Categories are for displaying descriptive information only, not regression