

**Supplemental Table S1.** Differences in glycemic metrics among the four quartiles of automatic correction boluses after 1-year follow-up.

Automatic correction boluses					
	1st quartile <22%	2nd quartile 22-29.5%	3rd quartile 29.5-39%	4th quartile >39%	<i>p</i> -value
	( <i>n</i> =95)	( <i>n</i> =88)	( <i>n</i> =99)	( <i>n</i> =86)	
TIR (%)	82 ± 5.9	75.7 ± 7.6	74.1 ± 7.5	68.9 ± 8.5	<0.001*
TITR (%)	59.3 ± 7.9	52 ± 7.7	48.7 ± 9.4	42.9 ± 8.3	<0.001*
TAR (%)	14.5 ± 5.9	21.4 ± 7.3	24.1 ± 7.7	30.3 ± 8.6	<0.001*
TAR <sub>Level 1</sub> (%)	12.7 ± 4.6	17.1 ± 5.1	19.3 ± 5.4	23 ± 5.1	<0.001*
TAR <sub>Level 2</sub> (%)	1.8 ± 1.8	4.3 ± 3.7	4.8 ± 3.6	7.4 ± 5	<0.001*
TBR (%)	3.5 ± 2.7	2.9 ± 2.3	1.8 ± 1.9	1.3 ± 1.4	<0.001*
TBR <sub>Level 1</sub> (%)	2.8 ± 2	2.2 ± 1.6	1.5 ± 1.4	1.1 ± 1.1	<0.001*
TBR <sub>Level 2</sub> (%)	0.7 ± 1	0.7 ± 0.9	0.3 ± 0.6	0.2 ± 0.4	<0.001*
CV (%)	32.7 ± 4.4	34.6 ± 5.3	34.4 ± 5.4	34.6 ± 4.5	<0.045
Mean sensor glucose (mg/dl)	134 ± 10.7	146.4 ± 14.7	150 ± 11.4	161.7 ± 16.9	<0.001*
GMI (%)	6.5 ± 0.3	6.8 ± 0.3	6.9 ± 0.3	7.1 ± 0.3	<0.001*
GRI	22 ± 8.4	27.8 ± 10.4	27.6 ± 9.7	33.9 ± 13.1	<0.001*

CV: coefficient of variation; GMI: glucose management indicator; GRI: Glycemia Risk Index; TAR: time above range; TBR: time below range; TIR: time in range; TITR: time in tight range

\* significant *p*-value