

*Table 3 Supplementary. Multivariate models by age*

Outcome	Variable	Category	Mean change (95% CI)	p-value
TIR (%) 70-180 mg/dL	Period	Automode 3M (vs. Manual Mode)	9.9 (7.3-12.5)	<b>&lt;.001</b>
	Period	Automode 6M (vs. Manual Mode)	9.0 (6.9-11.1)	<b>&lt;.001</b>
	Age class (> 13 vs. ≤ 13)		5.3 (1.8-8.9)	<b>0.003</b>
SG CV (%)	Period	Automode 3M (vs. Manual Mode)	-0.9 (-2.4-0.5)	0.202
	Period	Automode 6M (vs. Manual Mode)	-0.2 (-1.4-1.0)	0.753
	Age class (> 13 vs. ≤ 13)		-1.2 (-3.0-0.6)	0.180
GMI (%)	Period	Automode 3M (vs. Manual Mode)	-0.3 (-0.5--0.2)	<b>&lt;.001</b>
	Period	Automode 6M (vs. Manual Mode)	-0.4 (-0.5--0.3)	<b>&lt;.001</b>
	Age class (> 13 vs. ≤ 13)		-0.2 (-0.4--0.1)	<b>0.003</b>
Basal volume (%)	Period	Automode 3M (vs. Manual Mode)	-5.3 (-7.8--2.8)	<b>&lt;.001</b>
	Period	Automode 6M (vs. Manual Mode)	-4.3 (-6.4--2.1)	<b>&lt;.001</b>
	Age class (> 13 vs. ≤ 13)		0.7 (-2.1-3.5)	0.622
Bolus volume (%)	Period	Automode 3M (vs. Manual Mode)	4.8 (2.2-7.4)	<b>&lt;.001</b>
	Period	Automode 6M (vs. Manual Mode)	4.3 (2.0-6.5)	<b>&lt;.001</b>
	Age class (> 13 vs. ≤ 13)		-1.0 (-3.8-1.9)	0.506
TDD/kg (units)	Period	Automode 3M (vs. Manual Mode)	0.1 (0.0-0.1)	<b>0.008</b>
	Period	Automode 6M (vs. Manual Mode)	0.1 (0.0-0.1)	<b>&lt;.001</b>
	Age class (> 13 vs. ≤ 13)		0.0 (-0.1-0.1)	0.911
CHO/kg (gr)	Period	Automode 3M (vs. Manual Mode)	0.1 (-0.4-0.5)	0.807
	Period	Automode 6M (vs. Manual Mode)	0.1 (-0.3-0.4)	0.658
	Age class (> 13 vs. ≤ 13)		-1.9 (-2.6--1.1)	<b>&lt;.001</b>
BMI (kg/m <sup>2</sup> )	Period	Automode 3M (vs. Manual Mode)	0.0 (-0.2-0.3)	0.779
	Period	Automode 6M (vs. Manual Mode)	0.1 (-0.1-0.3)	0.205
	Age class (> 13 vs. ≤ 13)		4.0 (2.9-5.1)	<b>&lt;.001</b>
BMI z score	Period	Automode 3M (vs. Manual Mode)	-0.1 (-0.2-0.0)	0.153
	Period	Automode 6M (vs. Manual Mode)	-0.1 (-0.2-0.0)	<b>0.050</b>
	Age class (> 13 vs. ≤ 13)		-0.1 (-0.5-0.3)	0.514

Abbreviations: Automode 3M, first 14 days after 3 months; Automode 6M, first 14 days after 6 months; BMI, body mass index; CI, confidence interval; GMI, glucose management indicator; SG CV, sensor glucose coefficient of variation; TDD, total daily dose; TIR, time in range. Bold indicates statistically significant.