

Appendix: Statistical Comparison of Glycemic Excursions Between Bolused and Unbolused Snacks Between 1300-1700 hours Using Mixed Model Regression

	Covariate	Ratio of Covariate Effect * Point estimate (95% CI)	p-value**
Area Under the Curve >180 (mg/dL•min)	Unbolused/Bolused	2.13 (1.68, 2.71)	<0.001
	Age	1.00 (0.98, 1.02)	1.0
	Sex (female vs male)	0.79 (0.56, 1.10)	0.4956
Average Rate of Change (mg/dL/min)	Unbolused/Bolused	1.23 (1.09, 1.39)	0.0048
	Age	1.00 (0.99, 1.01)	1.0
	Sex (female vs male)	0.95 (1.14, 0.79)	1.0
Δ Glucose (mg/dL)	Unbolused/Bolused	2.13 (1.82, 2.49)	<0.001
	Age	0.99 (0.98,1.00)	0.0786
	Sex (female vs male)	0.76 (0.66, 0.86)	<0.001

* Parameter estimates and confidence intervals are back-transformed to original units of measurement.

** P-values are Bonferonni adjusted for multiple tests on 3 outcome variables.