Supplementary Table 2. Difference of the changes in clinical factors according to the regimen of insulin use at week −26

Variable	Basal insulin (n=105)		Basal-prandial insulin (n=20)		Premix insulin (n=71)		P value[b]
	Mean (95% CI)	P value[a]	Mean (95% CI)	P value[a]	Mean (95% CI)	P value[a]	
HbA1c, %							
Δ Pre-switching	0.43 (0.16 to 0.70)	0.002	0.15 (−0.36 to 0.65)	0.552	0.11 (−0.15 to 0.37)	0.397	0.235
Δ Post-switching	−0.60 (−0.81 to −0.38)	<0.001	−0.23 (−0.83 to 0.38)	0.445	−0.47 (−0.72 to −0.21)	<0.001	0.360
Change value[f]	−1.02 (−1.43 to −0.62)	<0.001	−0.37 (−1.30 to 0.56)	0.413	−0.58 (−1.01 to −0.14)	0.010	0.211
FPG, mg/dL							
Δ Pre-switching	5.56 (−10.99 to 22.12)	0.507	−1.53 (−29.45 to 26.39)	0.910	6.51 (−12.43 to 25.44)	0.495	0.927
Δ Post-switching	−12.98 (−26.49 to 0.53)	0.060	−16.68 (−52.01 to 18.64)	0.334	−39.49 (−60.91 to −18.08)	<0.001	0.085
Change value[f]	−18.54 (−44.54 to 7.45)	0.160	−15.16 (−62.29 to 31.98)	0.508	−46.00 (−83.09 to −8.91)	0.016	0.405
Body weight, kg							
Δ Pre-switching	0.03 (−0.57 to 0.64)	0.911	2.13 (−1.07 to 5.32)	0.171	1.11 (0.45 to 1.77)	0.001	0.018[c<d]
Δ Post-switching	0.45 (−0.04 to 0.93)	0.070	−0.53 (−2.35 to 1.30)	0.539	−0.47 (−1.19 to 0.24)	0.190	0.073
Change value[f]	0.41 (−0.55 to 1.37)	0.395	−2.65 (−7.38 to 2.08)	0.243	−1.58 (−2.74 to −0.42)	0.008	0.015[c>e]
Insulin dose, U							
Δ Pre-switching	4.72 (2.85 to 6.60)	<0.001	−11.50 (−22.83 to −0.17)	0.047	1.01 (−1.98 to 4.01)	0.502	<0.001[c,e>d]
Δ Post-switching	2.65 (1.11 to 4.19)	0.001	4.15 (−0.99 to 9.29)	0.108	0.39 (−1.61 to 2.40)	0.696	0.112
Change value[f]	−2.08 (−4.70 to 0.55)	0.120	15.65 (2.84 to 28.46)	0.019	−0.62 (−4.22 to 2.98)	0.732	<0.001[c,e<d]
Insulin dose, U/kg							
Δ Pre-switching	0.07 (0.03 to 0.10)	0.001	−0.12 (−0.29 to 0.04)	0.129	0.01 (−0.04 to 0.06)	0.650	0.002[c>d]
Δ Post-switching	0.03 (0.01 to 0.16)	0.006	0.04 (−0.04 to 0.11)	0.331	0.00 (−0.03 to 0.04)	0.865	0.295
Change value[f]	−0.03 (−0.08 to 0.02)	0.184	0.16 (−0.01 to 0.33)	0.067	−0.01 (−0.07 to 0.06)	0.799	0.024[c<d]

CI, confidence interval; HbA1c, glycosylated hemoglobin; FPG, fasting plasma glucose; U, units.
[a]Paired t-test between pre-switching (week −26 to week 0) and post-switching (week 0 to week 26) period repeatedly in the order from top to bottom, [b]One-way analysis of variance (ANOVA) among ([c] basal insulin, ([d]) basal-prandial insulin, and ([e]) premix insulin group at week −26. The Bonferroni post hoc test was used for pairwise comparisons when the ANOVA test was significant, [f]The difference between the change at pre- and post-switching (post-switching–pre-switching) period.