

Supplemental Table S2. Changes in Parameters of Glycemic Status and Body Composition among Four Different Groups Based on Responder or Non-Responder

Variable	Total	Group 1 (n=24)	Group 2 (n=15)	Group 3 (n=8)	Group 4 (n=9)	P value for ANOVA
		Glycemic control (+) Weight loss (+)	Glycemic control (+) Weight loss (-)	Glycemic control (-) Weight loss (+)	Glycemic control (-) Weight loss (-)	
Glycemic status						
Final HbA1c, %	7.00±0.72	6.59±0.50 ^c	6.9±0.49 ^b	7.74±0.97	7.61±0.36	<0.001
Δ HbA1c	-1.0±0.8	-1.3±0.6 ^c	-1.4±0.5 ^c	-0.2±0.6	-0.1±0.4	<0.001
Final FPG, mg/dL	125.6±21.1	115.7±16.5 ^a	134.3±20.0	124.1±14.0	139.9±27.4	0.005
Δ FPG	-32.3±30.5	-38.3±29.9 ^b	-45.6±31.0 ^b	-19.1±14.8	-7.1±25.7	0.008
Body composition						
Final weight, kg	70.6±12.3	67.9±12.7	78.7±11.1	63.4±11.0	71.0±8.0	0.012
Δ Weight	-2.4±3.1	-4.4±1.9 ^c	0.3±2.9	-3.7±1.2 ^b	-0.3±2.3	<0.001
Δ Weight, %	-3.4±4.3	-6.3±2.8 ^b	0.4±3.9	-5.5±1.7 ^c	-0.5±3.0	<0.001
Final BMI, kg/m ²	26.1±3.5	25.0±3.3	27.7±3.1	25.5±4.6	26.8±2.5	0.087
Δ BMI	-0.9±1.1	-1.6±0.7 ^c	0.1±1.1	-1.5±0.4 ^b	-0.1±0.7	<0.001
Δ BMI, %	-3.4±4.3	-6.3±2.8 ^c	0.4±3.9	-5.5±1.7 ^b	-0.5±3.0	<0.001
Final WC, cm	89.1±10.1	85.1±8.6	96.2±11.5	86.6±9.5	90.2±5.7	0.006
Δ WC	-2.4±4.5	-4.1±3.6	1.3±4.9	-5.4±2.5 ^a	-1.2±3.6	<0.001
Δ WC, %	-2.7±4.9	-4.6±4.0	1.1±5.1	-5.9±2.7 ^a	-1.3±4.1	<0.001
Final fat%	31.9±7.4	31.1±5.8	31.0±7.7	32.0±9.9	35.3±8.6	0.500
Δ Fat%	-1.2±2.5	-2.2±2.5 ^a	-0.2±2.3	-2.1±0.7 ^a	0.5±2.2	0.007
Δ Fat%, %	-3.7±8.5	-6.4±8.2 ^a	-1.0±9.3	-6.9±4.6 ^a	1.5±7.9	0.035
Final fat mass, kg	22.1±7.1	20.7±5.5	23.9±7.4	20.1±9.5	24.5±7.8	0.325
Δ Fat mass	-1.5±2.2	-2.7±2.0 ^b	-0.3±1.8	-2.2±0.8 ^a	0.2±2.3	<0.001
Δ Fat mass, %	-6.9±10.5	-11.5±9.5 ^b	-1.8±9.7	-11.0±5.6 ^a	0.8±10.8	0.001
Final lean mass, kg	45.2±8.4	43.8±8.9	50.9±7.4 ^a	40.4±6.2	43.5±5.7	0.011
Δ Lean mass	-1.1±1.8	-1.6±1.7	-0.4±2.3	-0.8±1.4	-1.1±0.8	0.239
Δ Lean mass, %	-2.4±3.8	-3.4±3.6	-0.9±4.8	-2.1±3.3	-2.4±1.9	0.266
Final VAT, cm ³	122.7±49.5	102.4±39.5	143.7±50.8	136.8±72.5	129.3±30.6	0.052
Δ VAT	-16.1±30.1	-23.0±28.2 ^a	-20.1±23.2	-5.1±41.6	-1.9±30.1	0.212
Δ VAT, %	-10.7±26.8	-19.3±21.5 ^a	-12.7±15.4	-1.4±41.7	5.8±31.1	0.074
Final SAT, cm ³	165.6±77.2	156.0±74.4	168.9±66.5	155.1±97.7	195.1±87.1	0.614
Δ SAT	-5.7±21.8	-15.9±23.7 ^a	0.5±16.8	-3.8±13.0	9.1±19.0	0.012
Δ SAT, %	-2.9±14.9	-9.4±12.6 ^a	0.6±11.2	-0.8±12.7	6.3±21.3	0.029

Values are expressed as mean±standard deviation.

ANOVA, analysis of variance; HbA1c, glycated hemoglobin; FPG, fasting plasma glucose; BMI, body mass index; WC, waist circumference; VAT, visceral adipose tissue; SAT, subcutaneous adipose tissue.

P value for comparing other groups with group 4; ^aP<0.05; ^bP<0.01; ^cP<0.001.