

Table 4: Uni-variate and multi-variate analysis for the relationship between weight loss in pre-operative low energy diet phase and 12 and 24 months post-bariatric surgery

Dependent variable	Covariates	LAGB				RYGB			
		R	R ²	β	P value	R	R ²	β	P value
12 months post-bariatric surgery weight loss (%)	Unadjusted Model Pre-op WL (%)	0.179	0.032	0.179	0.043*	0.077	0.006	0.077	0.528
	Adjusted Model Pre-op WL (%)	0.257	0.066	0.174	0.058	0.535	0.286	-0.077	0.550
	Unadjusted Model 5% WL in Pre-op	0.134	0.018	0.134	0.131	0.091	0.008	0.091	0.459
	Adjusted Model 5% WL in Pre-op	0.225	0.051	0.123	0.197	0.531	0.282	-0.024	0.842
24 months post-bariatric surgery weight loss (%)	Unadjusted Model Pre-op WL (%)	0.251	0.063	0.251	0.006*	0.191	0.037	-0.191	0.130
	Adjusted Model Pre-op WL (%)	0.354	0.125	0.256	0.006*	0.585	0.343	-0.390	0.003*
	Unadjusted Model 5% WL in Pre-op	0.138	0.019	0.138	0.136	0.176	0.031	-0.176	0.165
	Adjusted Model 5% WL in Pre-op			0.118	0.229	0.566	0.321	-0.332	0.009*

Adjusted model for age, gender, ethnicity, baseline weight (kg), time in pre-op LED phase, T2D.

WL = weight loss, pre-op= pre-operative LED phase