

Table S1. The changes in metabolites at baseline and 6 months in subjects with T2DM and non-T2DM.

	T2DM (n=18)			Non-T2DM (n=20)			
	Baseline	Six months after	P value	Baseline	Six months after	P value	P* value
Betaine (μM)	15.3 \pm 6.3	17.3 \pm 8.1	0.235	15.5 \pm 6.0	17.0 \pm 8.1	0.325	0.897
Carnitine (μM)	15.2 \pm 5.6	16.1 \pm 5.8	0.410	16.7 \pm 5.9	15.7 \pm 4.9	0.247	0.429
Choline (μM)	4.3 \pm 3.2	4.8 \pm 6.6	0.732	5.3 \pm 6.3	3.1 \pm 3.7	0.192	0.574
TMAO (μM)	2.2 \pm 1.6	4.9 \pm 5.9	0.072	2.8 \pm 3.9	2.0 \pm 1.7	0.470	0.581

*Comparison of baseline values between two groups, Data presented as mean \pm standard deviation.
T2DM type 2 diabetes mellitus; BMI body mass index; TMAO trimethylamine-N-oxide

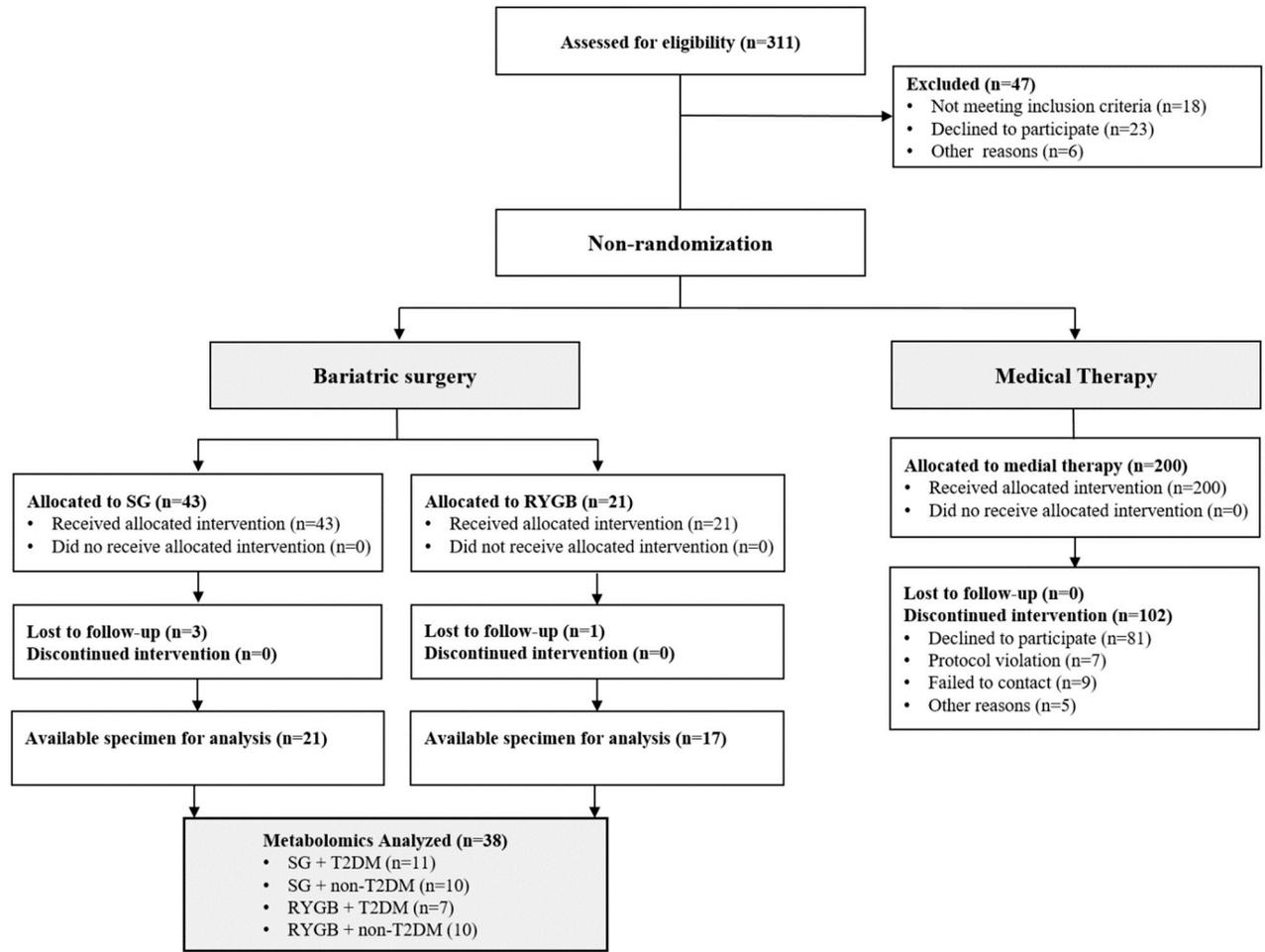


Fig. S1 Flow chart of the KOBESS study