

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	<i>P</i> value	Baseline	Six months after	<i>P</i> value	<i>P</i> * value
Betaine (μM)	15.3 ± 6.3	17.3 ± 8.1	0.235	15.5 ± 6.0	17.0 ± 8.1	0.325	0.897
Carnitine (μM)	15.2 ± 5.6	16.1 ± 5.8	0.410	16.7 ± 5.9	15.7 ± 4.9	0.247	0.429
Choline (μM)	4.3 ± 3.2	4.8 ± 6.6	0.732	5.3 ± 6.3	3.1 ± 3.7	0.192	0.574
TMAO (μM)	2.2 ± 1.6	4.9 ± 5.9	0.072	2.8 ± 3.9	2.0 ± 1.7	0.470	0.581

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

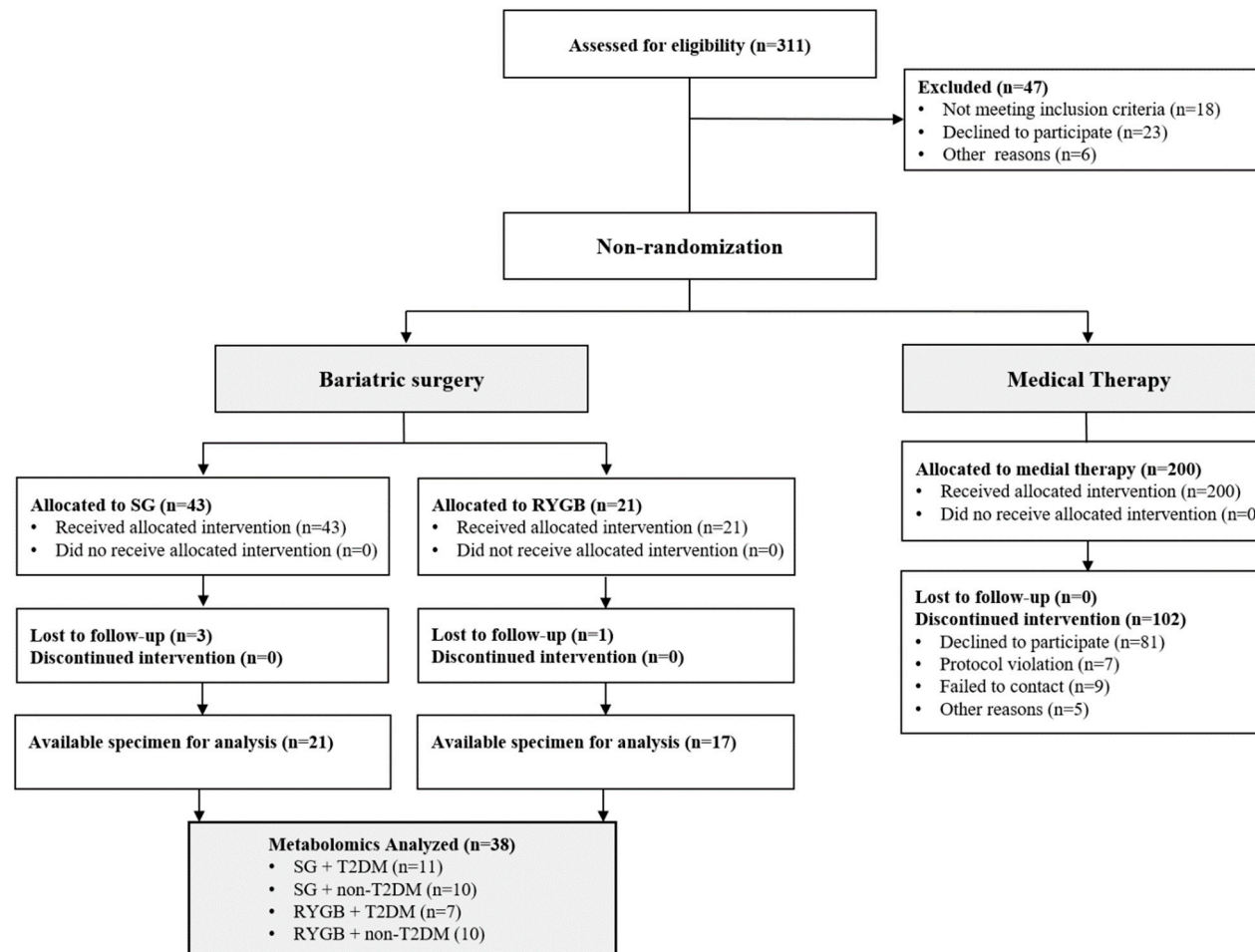


Fig. S1 Flow chart of the KOBESS study