

Supplemental figure 1 Patient Population

Supplemental table 1 Stratified analysis of HbA1c on Medication adherence.

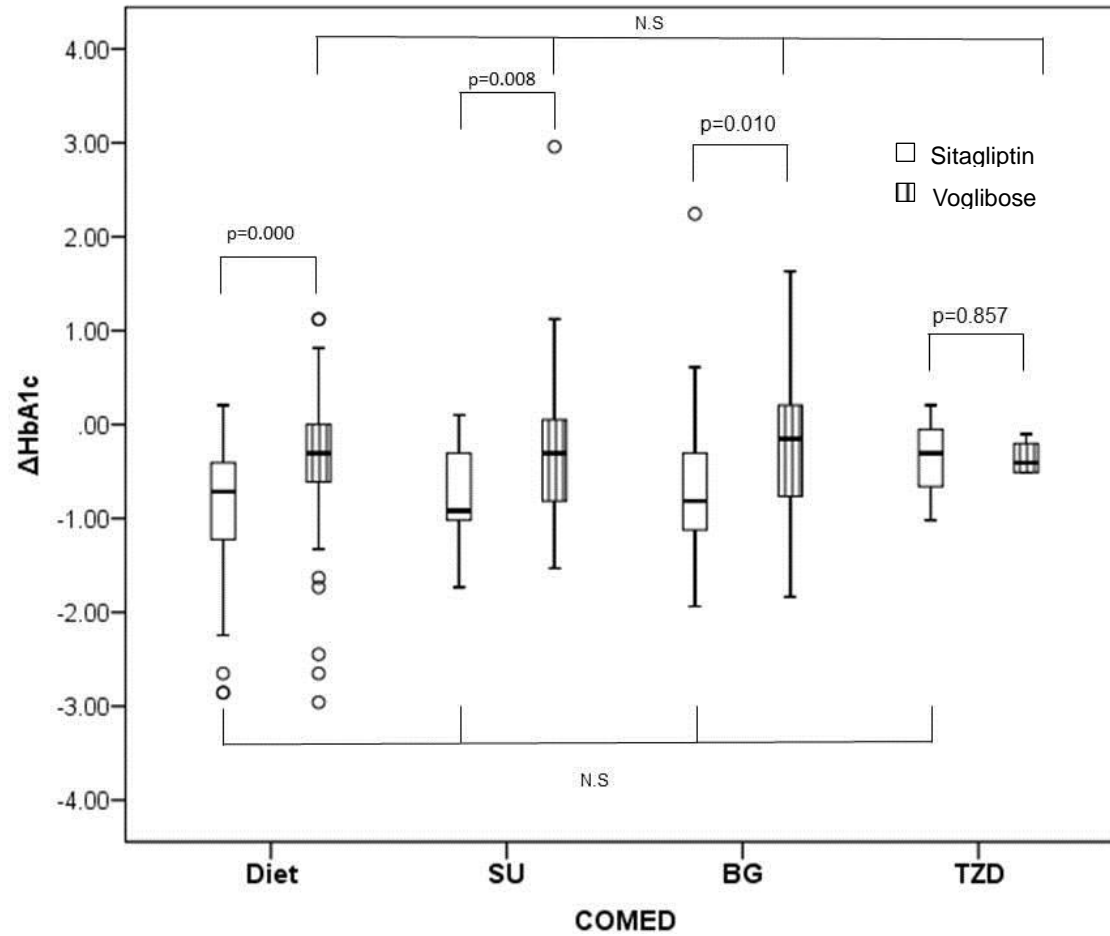
Medication Adherence $\geq 80\%$

Parameter	n	Sitagliptin			Voglibose			*p	**p
		baseline	12 week	*p	n	baseline	12 week		
HbA1c(%)	99	7.86 \pm 0.91	7.04 \pm 0.72	0.000	94	7.85 \pm 0.77	7.50 \pm 0.091	0.000	0.000

Medication Adherence $<80\%$

Parameter	n	Sitagliptin			Voglibose			*p	**p
		baseline	12 week	*p	n	baseline	12 week		
HbA1c(%)	21	8.31 \pm 1.43	7.67 \pm 1.31	0.003	27	7.89 \pm 0.81	7.78 \pm 1.32	0.532	0.025

Data are expressed as means \pm SD. *P value for the intragroup comparison (baseline vs. 12 weeks); **P value for the intergroup comparison (difference in changes from baseline between groups).



Supplemental Figure 2 Change of HbA1c from Baseline on each concomitant medication.

Supplemental Table 2 Adverse Experience

Events	Sitagliptin (n=120)	Voglibose(n=121)
Meteorism		7
Constipation	1	4
Diarrhea		4
Hypoglycemia	3	1
Flatulence		3
Loose stool		2
Abdominal pain	2	
Fatigue		2
Numbness	1	1
Anorexia	1	
Thirst	1	
Foot pain	1	
Hepatic dysfunction		1
Hunger		1
Vertigo		1
Inguinal hernia		1
Heart Failure worsening		1
Pancreatitis		1*
Urinary tract infection		1*

*Same patients