Supplemental material 4B. Multivariate analysis evaluating the association between HOMA-%β and various clinical parameters including HbA1c in all subjects without using insulin secretagogues

Model 1	All subjects			< 65 years old			≥ 65 years old		
Clinical Parameter	β	t	*p*	β	t	*p*	β	t	*p*
Age	-0.098	-1.62	n.s.	-0.106	-1.44	n.s.	0.022	0.25	n.s.
Gender	-0.009	-0.16	n.s.	-0.020	-0.28	n.s.	0.002	0.02	n.s.
BMI	0.304	5.04	<0.0001	0.271	3.61	0.000	0.299	3.28	0.001
HbA1c	-0.392	-7.10	<0.0001	-0.445	-6.41	<0.0001	-0.277	-3.10	0.003
Model 2	All subjects			< 65 years old			≥ 65 years old		
Clinical Parameter	β	t	*p*	β	t	*p*	β	t	*p*
BMI	0.243	3.85	0.000	0.072	0.72	n.s.	0.236	2.29	0.025
HbA1c	-0.396	-6.37	<0.0001	-0.358	-3.60	0.001	-0.299	-2.89	0.005
Duration of diabetes	-0.187	-2.96	0.004	-0.136	-1.59	n.s.	-0.189	-1.83	n.s.
Model 3	All subjects			< 65 years old			≥ 65 years old		
Clinical Parameter	β	t	*p*	β	t	*p*	β	t	*p*
Age	0.078	0.99	n.s.	0.089	0.98	n.s.	0.146	1.37	n.s.
Gender	-0.041	-0.64	n.s.	-0.065	-0.79	n.s.	-0.009	-0.08	n.s.
BMI	0.277	4.01	<0.0001	0.266	3.07	0.003	0.242	2.34	0.022
HbA1c	-0.385	-5.99	<0.0001	-0.437	-5.28	<0.0001	-0.317	-3.04	0.033
Duration of diabetes	-0.214	-3.03	0.003	-0.187	-2.21	0.030	-0.211	-1.98	n.s.
Model 4	All subjects			< 65 years old			≥ 65 years old		
Clinical Parameter	β	t	*p*	β	t	*p*	β	t	*p*
Age	0.052	0.65	n.s.	0.076	0.80	n.s.	0.144	1.35	n.s.
Gender	-0.045	-0.70	n.s.	-0.078	-0.93	n.s.	0.018	0.17	n.s.
BMI	0.235	3.16	0.002	0.235	2.54	0.012	0.162	1.42	n.s.
HbA1c	-0.386	-5.96	<0.0001	-0.447	-5.32	<0.0001	-0.297	-2.82	0.006
Duration of diabetes	-0.229	-3.15	0.002	-0.192	-2.26	0.026	-0.235	-2.18	0.032
Hypertension	-0.058	-0.86	n.s.	-0.031	-0.37	n.s.	-0.128	-1.13	n.s.
Dyslipidemia	-0.084	-1.29	n.s.	-0.078	-0.92	n.s.	-0.125	-1.15	n.s.

Abbreviations: BMI, body mass index; GA, glycoalbumin; n.s. not significant.