Supplemental material 4A. Multivariate analysis evaluating the association between HOMA-%β and various clinical parameters including glycoalbumin 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	-0.044	-0.78	n.s.	-0.070	-0.96	n.s.	0.064	0.76	n.s.
Gender	-0.015	-0.28	n.s.	-0.030	-0.43	n.s.	0.008	0.10	n.s.
BMI	0.166	2.67	0.008	0.147	1.86	n.s.	0.149	1.63	n.s.
Glycoalbumin	-0.467	-8.41	<0.0001	-0.486	-6.65	<0.0001	-0.460	-5.09	<0.0001
Model 2	All subjects			< 65 years old			≥ 65 years old		
Clinical Parameter	β	t	*p*	β	t	*p*	β	t	*p*
BMI	0.080	1.23	n.s.	0.071	0.84	n.s.	0.114	1.12	n.s.
Glycoalbumin	-0.471	-7.29	<0.0001	-0.487	-5.72	<0.0001	-0.437	-4.28	<0.0001
Duration of diabetes	-0.154	-2.52	0.013	-0.147	-1.84	n.s.	-0.170	-1.74	n.s.
Model 3	All subjects			< 65 years old			≥ 65 years old		
Clinical Parameter	β	t	*p*	β	t	*p*	β	t	*p*
Age	0.105	1.41	n.s.	0.100	1.10	n.s.	0.151	1.50	n.s.
Gender	-0.044	-0.71	n.s.	-0.061	-0.74	n.s.	-0.006	-0.06	n.s.
BMI	0.128	1.78	n.s.	0.118	1.28	n.s.	0.116	1.13	n.s.
Glycoalbumin	-0.461	-7.04	<0.0001	-0.477	-5.40	<0.0001	-0.453	-4.42	<0.0001
Duration of diabetes	-0.194	-2.82	0.005	-0.176	-2.08	0.039	-0.194	-1.92	n.s.
Model 4	All subjects			< 65 years old			≥ 65 years old		
Clinical Parameter	β	t	*p*	β	t	*p*	β	t	*p*
Age	0.088	1.13	n.s.	0.091	0.97	n.s.	0.150	1.49	n.s.
Gender	-0.046	-0.74	n.s.	-0.067	-0.79	n.s.	0.013	0.13	n.s.
BMI	0.103	1.36	n.s.	0.108	1.10	n.s.	0.062	0.56	n.s.
Glycoalbumin	-0.455	-6.87	<0.0001	-0.476	-5.34	<0.0001	-0.431	-4.07	<0.0001
Duration of diabetes	-0.200	-2.89	0.004	-0.178	-2.08	0.040	-0.211	-2.06	0.043
Hypertension	-0.046	-0.71	n.s.	-0.028	-0.33	n.s.	-0.086	-0.79	n.s.
Dyslipidemia	-0.045	-0.70	n.s.	-0.016	-0.19	n.s.	-0.107	-1.03	n.s.

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