

Supplementary Table 3. Change of HOMA- β from baseline to week 24 according to degree of DPP-4 inhibition and age groups

Variable	Total	DPP-4 enzyme inhibition rate			P value
		T1 ($<65.26\%$)	T2 ($65.26\%–76.35\%$)	T3 ($\geq 76.35\%$)	
Age < 53 yr					
Number	152	63	47	42	
HOMA- β at baseline	53.129 \pm 42.467	49.857 \pm 28.292	58.283 \pm 63.343	52.271 \pm 29.702	0.5310
HOMA- β at week 24	71.187 \pm 55.684	65.929 \pm 38.048	76.115 \pm 79.031	73.560 \pm 46.334	0.3672
HOMA- β change from baseline to week 24, %	18.058 \pm 53.477	16.072 \pm 32.004	17.833 \pm 81.022	21.288 \pm 40.022	0.8273
Age ≥ 53 yr					
Number	171	32	65	74	
HOMA- β at baseline	46.939 \pm 23.154	45.718 \pm 25.392	47.477 \pm 21.388	46.994 \pm 23.931	0.6636
HOMA- β at week 24	77.469 \pm 130.734	65.490 \pm 38.200	70.392 \pm 78.218	88.866 \pm 183.246	0.2214
HOMA- β change from baseline to week 24, %	30.531 \pm 123.348	19.772 \pm 32.795	22.915 \pm 72.108	41.873 \pm 173.733	0.2035
P value for HOMA- β change between age group	0.6853	0.4810	0.1486	0.9108	

Values are presented as mean \pm standard deviation.

HOMA- β , homeostasis model assessment of β -cell function; DPP-4, dipeptidyl peptidase-4.