

Supplementary Table 1. Mean HbA1c values by treatment groups for all patients (insulin-only, insulin + non-insulin drugs, non-insulin drugs, and no drugs), by insulin regimen for insulin-treated patients with use of non-insulin drugs, and by insulin regimen for insulin-treated patients with no use of non-insulin drugs.

Year	2002	2004	2006	2008	2010	2012	2014	2016	2018
All patients by glucose-lowering drugs									
Insulin-only	7.89 ±1.44	7.85 ±1.45	7.84 ±1.44	7.65 ±1.38	7.57 ±1.30	7.47 ±1.28	7.47 ±1.25	7.47 ±1.26	7.45 ±1.27
Insulin + non-insulin drugs	8.09 ±1.33	7.98 ±1.26	8.06 ±1.34	7.86 ±1.30	7.83 ±1.26	7.73 ±1.25	7.66 ±1.24	7.64 ±1.20	7.63 ±1.13
Non-insulin drugs	7.51 ±1.17	7.42 ±1.11	7.38 ±1.07	7.19 ±0.99	7.14 ±0.92	6.99 ±0.89	6.93 ±0.85	6.95 ±0.81	6.98 ±0.81
No drugs	6.66 ±1.08	6.72 ±1.10	6.60 ±0.97	6.68 ±0.91	6.69 ±0.88	6.58 ±0.85	6.57 ±0.82	6.61 ±0.85	6.54 ±0.79
Insulin-treated patients with use of non-insulin drugs by insulin regimen									
Basal-only	8.12 ±1.25	7.83 ±1.34	7.95 ±1.35	7.79 ±1.24	7.82 ±1.29	7.71 ±1.28	7.69 ±1.31	7.57 ±1.22	7.59 ±1.20
Bolus-only	7.89 ±1.55	8.03 ±1.34	7.96 ±1.33	7.83 ±1.37	7.77 ±1.25	7.52 ±1.23	7.30 ±1.03	7.26 ±0.91	7.33 ±1.01
Basal-bolus	8.15 ±1.38	8.07 ±1.28	8.23 ±1.43	8.08 ±1.42	8.14 ±1.43	7.92 ±1.34	7.80 ±1.30	7.83 ±1.25	7.79 ±1.14
Premixed	8.07 ±1.29	7.97 ±1.16	8.06 ±1.28	7.79 ±1.24	7.68 ±1.13	7.61 ±1.13	7.50 ±1.09	7.52 ±1.09	7.54 ±1.01
Others	8.33 ±1.32	8.24 ±1.24	8.29 ±1.33	8.02 ±1.29	7.91 ±1.16	7.81 ±1.36	7.76 ±1.16	7.70 ±1.06	7.79 ±1.14
Insulin-treated patients with no use of non-insulin drugs by insulin regimen									
Basal-only	7.90 ±1.50	7.86 ±1.54	7.75 ±1.54	7.54 ±1.52	7.53 ±1.36	7.46 ±1.47	7.55 ±1.36	7.45 ±1.43	7.26 ±1.32
Bolus-only	7.59 ±1.57	7.67 ±1.46	7.56 ±1.42	7.51 ±1.44	7.29 ±1.31	7.08 ±1.23	6.91 ±1.09	7.14 ±1.21	7.16 ±1.49
Basal-bolus	7.99 ±1.47	7.93 ±1.49	7.91 ±1.46	7.80 ±1.45	7.71 ±1.33	7.62 ±1.36	7.55 ±1.26	7.60 ±1.33	7.54 ±1.22
Premixed	7.83 ±1.37	7.83 ±1.39	7.88 ±1.43	7.61 ±1.28	7.51 ±1.24	7.37 ±1.11	7.39 ±1.15	7.33 ±1.03	7.42 ±1.26
Others	8.06 ±1.49	7.92 ±1.44	7.87 ±1.38	7.69 ±1.32	7.66 ±1.27	7.45 ±1.18	7.56 ±1.35	7.25 ±0.97	7.50 ±1.24

Data are mean ±SE (unadjusted values).