

**Supplementary Table 1.** Multivariate regression analysis of clinical characteristics that contribute to the differential diagnosis of T1DM vs. T2DM

Variable	$\beta$	Standard error of $\beta$	B	Standard error of B	$t$ (226) <sup>a</sup>	Significance (P value)
Constant	-	-	0.4048	0.1025	3.95	0.0001
BMI, kg/m <sup>2</sup>	0.2157	0.0340	0.0156	0.0028	5.53	<0.0001
Age at diagnosis, yr	0.3921	0.0361	0.0111	0.0010	10.86	<0.0001
Start of insulin therapy after diagnosis, yr	0.2358	0.0350	0.0269	0.0040	6.73	<0.0001
Family history of T2DM	0.0724	0.0344	0.0790	0.0375	2.11	0.036
History of ketoacidosis (yes/no)	-0.1131	0.0346	-0.1874	0.0574	-3.27	0.0013
Insulin dose, IU/kg/day	0.0825	0.0341	0.0680	0.0281	2.42	0.016
Severe hypoglycaemia, events/last 12 months	-0.0768	0.0331	-0.0148	0.0064	-2.32	0.021
Coefficient of variation of fasting plasma glucose, %	-0.1183	0.0345	-0.0029	0.0008	-3.43	0.0008
Triglyceride high or HDL-C low (yes/no)	0.2106	0.0380	0.2111	0.0381	5.54	<0.0001
C-peptide, nmol/L	0.0874	0.0364	0.1240	0.0517	2.40	0.017
GAD antibodies positive	-0.0610	0.0331	-0.2107	0.1145	-1.84	0.067
Any associated autoimmune disease? (yes/no)	-0.0369	0.0328	-0.0736	0.0653	-1.13	0.26

Model:  $r=0.874$ ;  $r^2=0.765$ ; corrected  $r^2=0.753$ ;  $F(12/226)=61.41$ ;  $P<0.0001$ ; standard error, 0.248.

T1DM, type 1 diabetes mellitus; T2DM, type 2 diabetes mellitus; BMI, body mass index; HDL-C, high-density lipoprotein cholesterol; GAD, glutamic acid decarboxylase.

<sup>a</sup> $t$  (a statistical term indicating significance) for the given number of degrees of freedom.