

SUPPLEMENTARY TABLE S2. DISCRIMINANT RATIO VALUES OF THE ASSESSED GLUCOSE VARIABILITY METRICS AND THE GLUCOSE CONTROL QUALITY INDICES

<i>Metrics</i>	<i>DR median (IQR)</i>	
	<i>JDRF</i>	<i>REPLACE-IHART</i>
DR of glucose variability metrics		
MAG	2.98 (1.64–3.67)	2.75 (1.47–4.32)
GVP	2.20 (1.39–3.01)	2.04 (1.42–2.73)
LI	2.11 (1.20–3.10)	2.28 (1.66–4.15)
AARC	1.95 (1.41–2.64)	1.78 (1.16–2.44)
J-index	1.85 (1.34–2.59)	2.05 (1.48–2.72)
ADRR	1.81 (1.40–2.28)	1.78 (1.48–2.22)
CONGA <sub>1</sub>	1.73 (1.37–2.18)	1.79 (1.20–2.51)
SD	1.62 (1.21–1.99)	1.66 (1.22–2.12)
MAGE	1.56 (1.22–1.93)	1.68 (1.40–2.08)
MODD	1.47 (1.11–1.98)	1.75 (1.35–2.12)
CV	1.33 (1.08–1.63)	1.50 (1.13–1.94)
DR of glucose control quality indices		
DR of metrics for hypoglycemia		
PT (BG <50 mg/dL)	2.33 (1.06–6.35)	2.43 (1.32–4.82)
PT (BG <54 mg/dL)	2.15 (1.08–5.28)	2.24 (1.27–4.18)
LBG1	1.93 (1.15–3.44)	1.99 (1.23–2.84)
GRADE <sub>hypo</sub>	1.79 (1.04–4.46)	1.91 (1.14–3.60)
PT (BG <70 mg/dL)	1.51 (1.07–2.77)	1.94
Metrics for overall glycemic control		
<i>M</i> -value	2.00 (1.30–2.94)	2.13 (1.52–3.24)
IGC	1.92 (1.27–2.93)	1.87 (1.33–2.71)
RI	1.87 (1.32–2.72)	1.80 (1.52–2.74)
PGS	1.71 (1.44–2.02)	1.70 (1.41–1.98)
GRADE	1.67 (1.30–2.27)	1.85 (1.40–2.43)
PTIR (70–180 mg/dL)	1.63 (1.31–2.02)	1.79 (1.46–2.24)
PTIR (70–160 mg/dL)	1.63 (1.31–2.02)	1.79 (1.46–2.23)
PTIR (54–180 mg/dL)	1.61 (1.32–2.09)	1.85 (1.48–2.21)
PTIR (70–140 mg/dL)	1.58 (1.36–1.85)	1.70 (1.35–1.99)
PTIR (54–140 mg/dL)	1.56 (1.31–2.09)	1.64 (1.37–2.00)
Metrics for hyperglycemia		
HbG1	1.83 (1.34–2.72)	2.19 (1.48–2.79)
PT (BG >180 mg/dL)	1.59 (1.27–2.09)	1.80 (1.44–2.25)
PT (BG >160 mg/dL)	1.56 (1.32–1.97)	1.75 (1.41–2.09)
PT (BG >140 mg/dL)	1.54 (1.29–1.85)	1.62 (1.36–2.01)
GRADE <sub>hyper</sub>	1.50 (1.24–1.86)	1.72 (1.11–2.82)

They were calculated in two data sets (the main data set: JDRF; the supporting data set: REPLACE-IHART. BG, blood glucose; JDRF, Juvenile Diabetes Research Foundation; PT, %time; RI, risk index.