

Supplemental Table S1: Continuous glucose monitoring metrics at baseline for persistent multiple islet autoantibody positive (PM Ab+) and age and sex matched islet autoantibody negative (Ab-) children by day and night time periods, presented as median [lower quartile, upper quartile]

	Persistent multiple islet autoantibody positive children (PM Ab+) N=30	Islet autoantibody negative children (Ab-) N=23
DAY TIME (6AM – 10PM)		
SD sensor glucose level (SDSGL)		
(mmol/L)	1.2 [1.0, 1.4]	0.9 [0.8, 1.0]
(mg/dL)	21.6 [18.0, 25.2]	16.2 [14.4, 18.0]
Coefficient variation (CEV) (%)	17.6 [17.0, 20.9]	14.8 [13.4, 16.8]
Mean sensor glucose level (SGL)		
(mmol/L)	6.3 [6.0, 6.9]	6.1 [5.7, 6.5]
(mg/dL)	113.4 [108.0, 124.2]	109.8 [102.6, 117.0]
% CGM time spent		
3.9 – 7.8 mmol/L (70 - 140mg/dL)	88.2 [80.2, 94.2]	94.0 [91.8, 97.3]
>7.8 mmol/L (>140mg/dL)	11.3 [5.6, 18.5]	4.4 [1.9, 7.6]
>8.9 mmol/L (>160 mg/dL)	3.0 [1.4, 7.0]	0.8 [0.3, 1.6]
>10.0 mmol/L (>180 mg/dL)	0.9 [0.1, 2.8]	0.1 [0, 0.5]
>11.1 mmol/L (>200 mg/dL)	0.3 [0, 1.2]	0 [0, 0]
<3.9 mmol/L (<70 mg/dL)	0.3 [0.1, 0.8]	0.1 [0, 0.3]
<3.5 mmol/L (<63 mg/dL)	0.1 [0, 0.3]	0 [0, 0.1]
<3.0 mmol/L (<54 mg/dL)	0 [0, 0.1]	0 [0, 0]
NIGHT TIME (10PM – 6AM)		
SD sensor glucose level (SDSGL)		
(mmol/L)	0.8 [0.7, 1.0]	0.7 [0.6, 0.8]
(mg/dL)	14.4 [12.6, 18.0]	12.6 [10.8, 14.4]
Coefficient variation (CEV) (%)	14.1 [11.6, 17.4]	11.8 [10.3, 14.9]
Mean sensor glucose level (SGL)		
(mmol/L)	5.9 [5.4, 6.4]	5.8 [5.6, 5.9]
(mg/dL)	106.2 [97.2, 115.2]	104.4 [100.8, 106.2]
% CGM time spent		
3.9 – 7.8 mmol/L (70 - 140mg/dL)	95.9 [92.3, 98.4]	98.2 [94.9, 98.9]
>7.8 mmol/L (>140mg/dL)	1.8 [0.5, 6.5]	1.2 [0.3, 1.8]
>8.9 mmol/L (>160 mg/dL)	0.3 [0, 1.0]	0 [0, 0.2]
>10.0 mmol/L (>180 mg/dL)	0 [0, 0.3]	0 [0, 0]
>11.1 mmol/L (>200 mg/dL)	0 [0, 0]	0 [0, 0]
<3.9 mmol/L (<70 mg/dL)	0.5 [0, 1.0]	0.1 [0, 1.3]
<3.5 mmol/L (<63 mg/dL)	0.1 [0, 0.3]	0 [0, 0.5]
<3.0 mmol/L (<54 mg/dL)	0 [0, 0.1]	0 [0, 0.2]