

**Supplemental Table. Area Under the Curve above selected plasma glucose concentrations (per 24-h monitoring period).**

	<b>Type 1 DM</b>		<b>Type 2</b>		<b>Type 2</b>		<b>Non-DM</b>	
			<b>Insulin treated</b>		<b>No Insulin</b>			
	<b>(n=270)</b>		<b>(n=60)</b>		<b>(n=99)</b>		<b>(n=80)</b>	
<b>Glucose Threshold</b>	<b>Proportion</b>		<b>Proportion</b>		<b>Proportion</b>		<b>Proportion</b>	
<b>mmol/l (mg/dL)</b>	<b>reaching level</b>	<b>AUC (SD)</b>	<b>reaching level</b>	<b>AUC (SD)</b>	<b>reaching level</b>	<b>AUC (SD)</b>	<b>reaching level</b>	<b>AUC (SD)</b>
<b>7.0 (126)</b>	100%	69.7(42.9)	100%	60.7(36.8)	100%	36.3(43.3)	99%	2.2 (3.6)
<b>11.1 (200)</b>	98%	26.3(25.7)	100%	17.5(18.3)	88%	9.7 (25.5)	9%	1.3 (2.2)
<b>16.7 (300)</b>	82%	5.5 (8.5)	63%	2.6 (4.3)	31%	4.4 (13.1)	1%	1.1 (0)

**AUC: Area under the curve in mmol/l · hour. Means and (SD).**

**Figure 1.** Pairwise scatter diagrams illustrating selected Correlations of Glycemic Variables with Pearson correlation coefficients (r) for each pair of indices (not including non-DM data), highlighting the different participant subgroups with different colours (T1DM: red; T2DM: blue; non-DM: black).

As illustrated in the grey zone, the variability measures did not correlate well with the postprandial measurements or indices of fasting or average glycaemia.

