

Supplementary Table S1. Associations between number of meals and daily carbs with glycemic parameters for the first pregnancy (on SAP), described by the Pearson r correlation coefficient.

	Number of meals			Daily carbs		
	First trimester	Second trimester	Third trimester	First trimester	Second trimester	Third trimester
	r p	r p	r p	r p	r p	r p
Daily carbohydrates, g	0.527 0.473	0.351 0.495	0.230 0.661	/	/	/
Mean SG, mmol/l	-0.149 0.851	-0.238 0.700	0.079 0.882	-0.800 0.200	0.191 0.758	-0.187 0.722
TIR, %	0.925 0.075	0.405 0.499	0.260 0.619	0.807 0.193	-0.042 0.946	-0.245 0.640
TBR, %	-0.718 0.282	0.578 0.307	-0.181 0.732	0.015 0.985	0.592 0.293	0.381 0.457
TAR, %	-0.579 0.421	-0.687 0.200	-0.227 0.666	-0.948 0.052	-0.188 0.762	-0.010 0.985
GMI, mmol/mol	-0.515 0.584	-0.238 0.700	0.079 0.882	-0.013 0.987	0.191 0.758	-0.187 0.722
CV, %	-0.557 0.443	0.101 0.872	-0.692 0.128	0.344 0.656	0.673 0.213	0.035 0.948
HbA1c, %	-0.323 0.677	-0.624 0.186	0.577 0.230	0.052 0.948	-0.354 0.491	0.116 0.827
Total insulin (IU)	-0.856 0.144	-0.159 0.765	-0.206 0.695	-0.014 0.986	0.710 0.114	0.709 0.115
Total insulin per body weight (IU/kg)	-0.975 0.025	-0.020 0.970	-0.044 0.934	-0.329 0.671	0.665 0.149	0.654 0.159
Total bolus insulin (IU)	-0.786 0.214	-0.184 0.727	-0.237 0.650	0.055 0.945	0.764 0.077	0.694 0.159
Total bolus insulin per body weight (IU/kg)	-0.926 0.074	-0.117 0.826	-0.166 0.753	-0.237 0.763	0.779 0.068	0.666 0.149
Daily bolus insulin, %	0.263 0.737	-0.320 0.536	-0.465 0.352	0.233 0.767	0.629 0.181	0.640 0.171
Total basal insulin (IU)	-0.875 0.065	-0.087 0.870	-0.086 0.871	-0.092 0.908	0.521 0.290	0.756 0.082
Total basal insulin per body weight (IU/kg)	-0.935 0.065	0.174 0.741	0.436 0.387	-0.391 0.609	0.231 0.660	0.446 0.375
Daily basal insulin, %	-0.263 0.737	0.320 0.536	0.465 0.352	-0.233 0.767	-0.629 0.181	-0.640 0.171
Sensor time, %	0.233 0.767	0.777 0.122	0.450 0.370	0.948 0.052	0.434 0.466	0.252 0.630

SG-sensor glucose concentration, GMI-glucose management indicator, CV-coefficient of variation, HbA_{1c}-glycated hemoglobin; TBR–time below range (glucose concentration <3.5 mmol/l), TAR – time above range (glucose concentration >7.8 mmol/l)

Supplementary Table S2. Self-reported physical activity during the first and the second pregnancy

	First pregnancy	Second pregnancy	p value
Frequency of PA	2.5±1.4	3.3±1.5	0.289
Time of PA	2.0±0.6	1.8±0.8	0.611
Intensity of PA	2±0.0	2.0±0.7	1.000

PA-physical activity

Frequency of PA: from 1- twice per week or less to 5-multiple times per day.

Time of PA: 1-30 minutes or less, 2-between 30 and 60 minutes, 3-60 minutes or more.

Intensity of PA: 1-low, 2-moderate, 3-high