Electronic supplement material: "Association of Prodromal Type 1 Diabetes with School Absenteeism of Danish Schoolchildren: A Population-Based Case-Control Study of 1,338 Newly Diagnosed Children"

Tables:

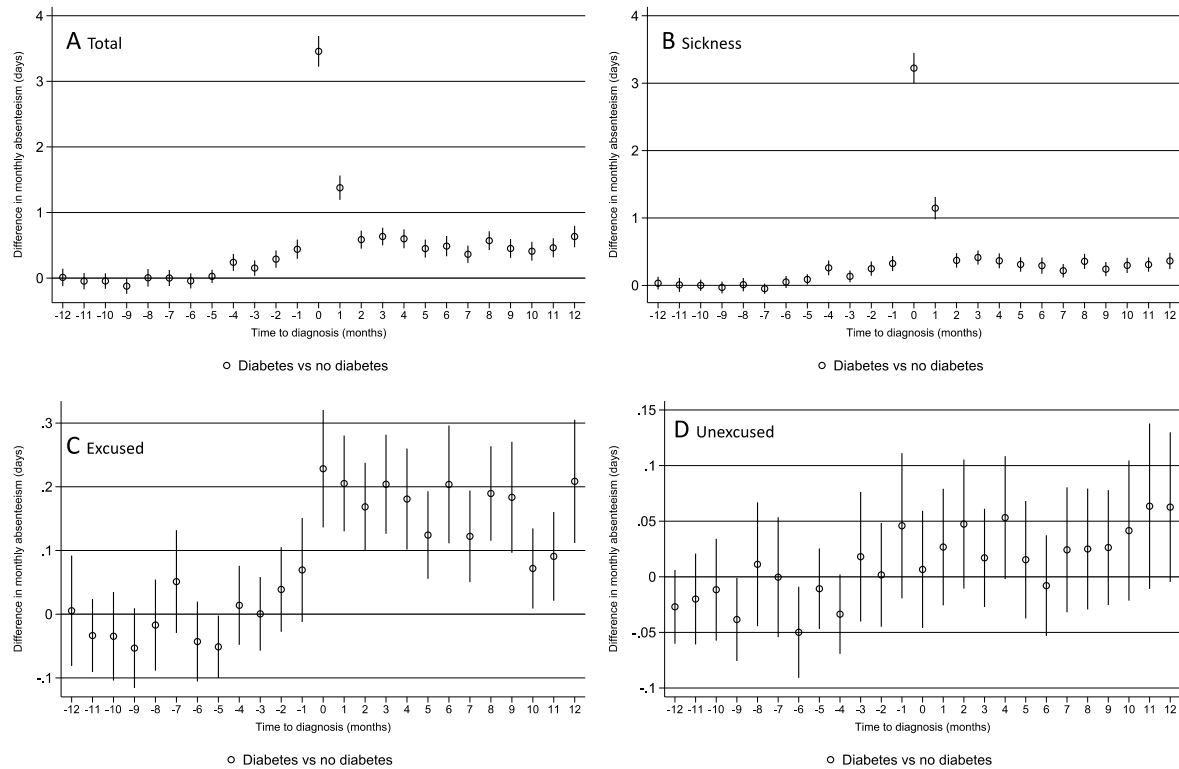**ESM Table 1:** Summary statistics of study population, diabetes vs no diabetes

	Diabetes	No diabetes	Difference	(95% CI diff.)
Child characteristics				
Child is first born, percentage	44.0%	44.3%	-0.24%	(-3.24 to 2.76)
Living with both parents, percentage	67.9%	67.1%	0.7%	(-2.07 to 3.53)
Children in household, mean (SD)	1.51 (1.03)	1.79 (1.39)	-0.28	(-0.36 to -0.20)
Maternal characteristics				
Mother's age, mean (SD)	34.1 (4.77)	34.0 (4.79)	0.03	(-0.26 to 0.32)
Mother's income percentile rank, mean (SD)	63.2 (0.22)	62.4 (0.22)	0.86	(-0.54 to 2.26)
Mother has Master's degree or more, percentage	8.97%	8.38%	0.59	(-1.00 to 2.19)
Mother is immigrant or descendant[a], percentage	10.84%	14.92%	-4.09	(-6.09 to -2.09)
Mother has insulin dependent diabetes, percentage	2.39%	0.56%	1.83	(1.23 to 2.43)
Monthly absenteeism				
[months -12 to -7], d,mean (SD)	0.93 (1.78)	0.93 (1.82)	-0.004	(-0.06. to 0.05)
[months -6 to -1], d,mean (SD)	1.05 (1.90)	0.97 (1.86)	0.08	(0.03 to 0.14)
[month 0], d,mean (SD)	4.95 (3.98)	1.00 (1.88)	3.95	(3.79 to 4.11)
[months 1to 6], d,mean (SD)	1.73 (2.49)	1.00 (1.91)	0.73	(0.67 to 0.79)
[months 7 to 12], d,mean (SD)	1.50 (2.31)	1.02 (1.95)	0.48	(0.43 to 0.54)
Clinical characteristics among children with diabetes				
HbA$_{1c}$, mmol/mol [%] at onset, mean (SD)	104 (27) [11.6 (4.6)]			
HbA$_{1c}$, mmol/mol [%] post-onset, mean (SD)	58 (13) [7.5 (1.2)]			
Time from onset to HbA$_{1c}$ is measured, d, mean (SD)	387 (154)			
Used continuous glucose monitor, percentage	6.66%			
Used insulin pump, percentage	42.7%			
DKA at onset, percentage	21.1%			
Mild, percentage	10.4%			
Moderate or severe, percentage	10.7%			
>= 1 severe hypoglycemic episode, percentage	1.57%			
>= 1 DKA episode, percentage	0.89%			
n$_{children}$=	1,338	6,690		

Notes: Summary statistics, mean differences and 95% CI. Maternal characteristics are measured at child age 5. HbA$_{1c}$ is measured at first yearly check-up more than 180 days from day of diagnosis.
[a] Immigrants are Danish residents not born in Denmark with neither of their parents born in Denmark. Descendants are Danish residents born in Denmark with neither of their parents born in Denmark.

Figures:

ESM Fig. 1: Mean (95% CI) difference in monthly days absent from school by type of absenteeism, diabetes vs no diabetes.

Notes: Mean (95% CI) difference in the number of days absent from school relative to diabetes diagnosis (month 0). Panel A shows the difference in the total number of days absent. Panels B shows the difference registered as sickness absenteeism, Panel C the difference in excused absenteeism, and Panel D shows the difference in unexcused absenteeism. The mean differences are adjusted for calendar-month and school grade specific effects.