

Table 1. Participant characteristics by diabetes status

	Control (n = 174)	T1D (n = 429)	T2D (n = 85)	P value control vs. T1D	P value control vs. T2D
Age (years)	14.1 (11.9, 16.4)	14.7 (12.2, 17.5)	15.8 (13.5, 17.8)	0.06	<0.001
Male sex	66 (37.9)	208 (48.5)	28 (32.9)	0.023	0.518
Race				<0.001	<0.001
Non-Hispanic white	97 (55.7)	339 (79.0)	21 (24.7)		
African American	48 (27.6)	43 (10.0)	52 (61.2)		
Hispanic	29 (16.7)	47 (11.0)	12 (14.1)		
Parental educational level				0.019	<0.001
≤12 years	87 (50.0)	168 (39.2)	67 (78.8)		
>12 years	87 (50.0)	261 (60.8)	18 (21.2)		
Waist circumference (cm)	76.4 (69.4, 87.6)	78.0 (69.8, 86.0)	108.8 (100.0, 120.2)	0.978	<0.001
BMI (kg/m ²)	22.2 (19.1, 26.5)	21.8 (19.1, 25.0)	34.5 (29.8, 40.1)	0.125	<0.001
Obesity	40 (23.0)	52 (12.1)	74 (87.1)	0.001	<0.001
Diabetes duration (years)	NA	3.3 (0.9, 7.9)	1.3 (0.6, 2.0)	<0.001*	<0.001*
Total folate (µg/L)	19.9 (14.5, 25.2)	20.2 (15.2, 25.0)	16.0 (11.6, 22.0)	0.754	0.002
Vitamin B12 (µg/L)	555.3 (416.7, 688.7)	599.8 (485.5, 728.0)	479.6 (401.7, 607.5)	<0.001	0.019
Arsenic exposure					
ΣAs (ng/L)	83.1 (63.8, 110.3)	81.7 (64.3, 106.7)	82.9 (62.3, 98.9)	0.665	0.521
iAs (ng/L)	50.2 (40.7, 63.05)	46.6 (36.4, 59.3)	42.9 (31.9, 55.6)	0.046	0.01
MMA (ng/L)	8.1 (4.2, 13.9)	8.9 (5.5, 15.3)	9.6 (5.2, 16.0)	0.239	0.182
DMA (ng/L)	21.0 (13.0, 30.1)	22.8 (15.4, 33.7)	23.4 (17.7, 30.5)	0.196	0.227
Arsenic metabolism					
iAs%	63.4 (51.2, 74.0)	58.7 (47.7, 68.9)	58.0 (46.3, 65.6)	0.011	0.027
MMA%	10.3 (6.3, 14.9)	11.2 (7.2, 16.6)	12.7 (7.4, 17.9)	0.072	0.036
DMA%	25.2 (18.6, 33.5)	28.9 (21.0, 36.1)	29.3 (21.4, 35.7)	0.014	0.048

Data are median (interquartile range) and *n* (%). *P* values were obtained by Mann-Whitney *U* test for