

Table 2. Summary of morphometric data for enterocytes

	Disease-controls (n = 21)	Untreated gluten- sensitivity (n = 20)	P value
Cell			
Volumes (μm^3) ^a			
Method 1	770 (475–1247)	590 (385–910)	0.001
Method 2	800 (510–1260)	610 (400–930)	0.001
Method 3 (i):	527 (274–1014)	520 (225–1190)	NS
(ii):	494 (313–776)	437 (270–710)	NS
Method 4:	1547 (850–2810)	1150 (650–2040)	<0.005
Area (μm^2):	182 (130–240)	152 (113–190)	<0.001
Width (μm):	5.13 (4.10–6.20)	4.68 (3.75–5.83)	0.01
Height (μm):	37 (30–43)	33 (27–39)	0.01
Ratio height/width:	7.3 (5.2–9.3)	7.2 (5.0–9.3)	NS
Nuclei			
Volumes (μm^3) ^a			
As prolate spheroid:	94 (45–198)	118 (48–293)	NS
As cylinder:	91 (58–143)	100 (59–168)	NS
Area (μm^2):	33 (24–45)	34 (25–46)	NS
Width (μm):	3.3 (2.6–4.0)	3.5 (2.6–4.5)	NS
Height (μm):	11.6 (9.6–14.0)	11.5 (9.8–13.5)	NS

^a Denotes logarithmic transformation

NS, not significant

Figures in parentheses are 95% confidence limits