

Supplementary Table I. Characteristics of Individuals who Answered Probiotic Question versus those who did not

Variable	Non-Respondents (n = 3672)	Respondents (n = 1160)	p-value
Gender			
Male	648 (17.7)	204 (17.7)	0.98
Female	3009 (82.3)	949 (82.3)	
Age at survey date (mean +/- SD)			
<20	510 (13.9)	161 (13.9)	0.63
20-29	699 (19.0)	59 (21.0)	
30-39	759 (20.7)	81 (21.1)	
40-49	666 (18.1)	64 (17.0)	
50-59	562 (15.3)	68 (15.3)	
≥60	476 (13.0)	64 (11.7)	
Age at diagnosis (mean ± SD)			
≤10 years old	52 (11.3)	115 (10.0)	0.001
11-19 years old	74 (16.1)	126 (10.9)	
20-29 years old	95 (20.7)	271 (23.5)	
30-39 years old	106 (23.1)	247 (21.4)	
40-49 years old	81 (17.7)	184 (15.9)	
>50 years old	51 (11.1)	211 (18.3)	
US Region Inhabited			
Northeast	880 (23.5)	310 (26.7)	<0.001
South	668 (20.9)	228 (19.7)	
Midwest	782 (17.8)	261 (22.5)	
West	696 (18.6)	226 (19.5)	
Unknown/Outside US	723 (19.3)	135 (11.6)	
Country of Origin			
United States	3139 (83.7)	1033 (89.1)	0.89
Other	610 (16.3)	127 (11.0)	

Supplementary Table II. Independent Predictors of Probiotic Usage Among Celiac Disease Patients, including adjustment for significant differences in SF-36

Variables	OR (95% CI)	P-value
Gender		
Male	ref	
Female	1.30 (0.72-2.37)	0.38
Age at Diagnosis (mean ± SD)		
≤10 years old	1.79 (0.73-4.40)	0.20
11-19 years old	0.48 (0.19-1.24)	0.13
20-29 years old	ref	--
30-39 years old	1.54 (0.81-2.95)	0.19
40-49 years old	1.27 (0.63-2.56)	0.50
>50 years old	3.10 (1.62-5.93)	<0.001
SF36 Pain Score (Quartiles)		
0-45	4.01 (1.44-11.14)	0.008
45-70	2.78 (1.01-7.64)	0.049
70-90	3.17 (1.19-8.40)	0.021
>90	ref	--
At the time of diagnosis, I sought nutritional counseling		
Yes	1.64 (1.06-2.55)	0.027
No	ref	--
Don't know	6.2 (0.50-76.77)	0.156
I am still symptomatic despite keeping a GFD		
Yes	1.79 (1.07-3.02)	0.026
No	ref	--
Don't know	0.82 (0.42-1.60)	0.57

Bolded values are p-values at level of significance <0.05. *This model adjusts for gender, region, means of diagnosis, primary CD information source, country of origin, whether or not a nutritionist was sought at time of diagnosis, GFD adherence, age at diagnosis, and whether or not patients remain symptomatic despite adherence to a GFD and SF-36 scores