

Supplementary Table 1 Detailed geographical distribution of participants

Geography	Celiac disease <i>n</i> (%)
Canada	3767 (35.1)
- Ontario	1570 (41.7)
- Quebec	175 (4.6)
- British Columbia	656 (17.4)
- Alberta	713 (18.9)
- Saskatchewan	137 (3.6)
- Manitoba	165 (4.4)
- Prince Edward Island	28 (0.07)
- Newfoundland and Labrador	49 (1.3)
- Nova Scotia	127 (3)
- New Brunswick	88 (2)
- Northwest Territories	5 (0.01)
- Yukon	2 (<0.01)
- Prince Edward Island	28 (0.07)
USA	416 (3.9)
- Alabama	5 (1.2)
- Alaska	1 (0.2)
- Arizona	24 (5.7)
- Arkansas	3 (0.7)
- California	27 (6.4)
- Colorado	3 (0.7)
- Connecticut	5 (1.2)
- Delaware	1 (0.2)
- Florida	11 (2.6)
- Georgia	7 (1.7)
- Hawaii	0 (0)
- Idaho	3 (0.72)

- Illinois	15 (3.6)
- Indiana	7 (1.7)
- Iowa	7 (1.7)
- Kansas	6 (1.44)
- Kentucky	7 (1.7)
- Louisiana	3 (0.7)
- Maine	1 (0.2)
- Maryland	6 (1.4)
- Massachusetts	22 (2.3)
- Michigan	21 (5.0)
- Minnesota	11 (2.7)
- Mississippi	0 (0)
- Missouri	7 (1.7)
- Montana	4 (0.9)
- Nebraska	5 (1.2)
- Nevada	5 (1.2)
- New Hampshire	2 (0.5)
- New Jersey	6 (1.5)
- New Mexico	3 (0.7)
- New York	22 (1.3)
- North Carolina	5 (1.2)
- North Dakota	3 (0.7)
- Ohio	14 (3.4)
- Oklahoma	6 (1.5)
- Oregon	12 (2.9)
- Pennsylvania	22 (1.3)
- South Carolina	0 (0)
- South Dakota	1 (0.2)
- Tennessee	9 (2.2)

- Texas	14 (3.4)
- Utah	3 (0.7)
- Virginia	7 (1.7)
- Washington	10 (2.4)
- West Virginia	2 (0.5)
- Wisconsin	12 (2.9)
Australia	667 (6.2)
New Zealand	454 (4.2)
Italy	205 (1.9)
- Abruzzo Basilicata Calabria Campania Emilia-Romagna	163 (79.5)
- Lazio	6 (2.9)
- Liguria	0 (0)
- Lombardia Marche Molise Piemonte	3 (1.5)
- Puglia Sardegna Sicilia Toscana	16 (7.8)
- Trentino-Alto Adige Umbria	2 (0.9)
- Valle d'Aosta Veneto	5 (2.5)
Argentina	4191 (39.0)
- Buenos Aires - Capital Federal	739 (17.6)
- Buenos Aires - Gran Buenos Aries	1858 (44.3)
- Other Province	1504 (35.9)
Mexico	145 (1.4)
- Aguascalientes	3 (2.1)
- Baja California	3 (2.1)
- Chiapas	3 (2.1)
- Campeche	0 (0)
- Coahuila	2 (1.4)
- Ciudad de Mexico	58 (40)
- Durango	1 (0.7)

- Estado de Mexico	16 (11)
- Guanajuato	1 (0.7)
- Hidalgo	1 (0.7)
- Jalisco	14 (9.7)
- Michoacan	2 (1.4)
- Morelos	7 (4.8)
- Nayarit	1 (0.7)
- Nuevo Leon	2 (1.4)
- Puebla	3 (2.1)
- Queretaro	1 (0.7)
- Quintana Roo	5 (3.4)
- San Luis Potosi	6 (4.1)
- Sinaloa	1 (0.7)
- Tabasco	1 (0.7)
- Tamaulipas	3 (2.1)
- Tlaxcala	0 (0)
- Veracruz	8 (5.5)
- Yucatan	3 (2.0)
Uruguay	355 (3.3)
- Artigas	21 (5.9)
- Canelones	39 (11)
- Cerro Largo	12 (3.4)
- Colonia	7 (1.9)
- Durazno	3 (0.8)
- Flores	10 (2.8)
- Florida	4 (1.1)
- Lavalleja	6 (1.7)
- Maldonado	12 (3.4)
- Montevideo	161 (45.4)

- Paysandu	11 (3.1)
- Rio Negro	11 (3.1)
- Rivera	4 (1.1)
- Rocha	4 (1.1)
- Salto	10 (2.8)
- San Jose	10 (2.8)
- Soriano	4 (1.1)
- Tacuarembó	9 (2.5)
- Treinta y Tres	16 (4.5)
Spain	446 (4.2)
Other	91 (0.8)
- Austria	1 (1.1)
- Brazil	2 (2.2)
- Britain	0 (0)
- Costa Rica	1 (1.1)
- Denmark	2 (2.2)
- England	4 (4.4)
- Germany	1 (1.1)
- Guatemala	5 (5.5)
- Ireland	3 (3.3)
- Israel	1 (1.1)
- Netherlands	24 (26.4)
- Pakistan	3 (3.3)
- Peru	2 (2.2)
- Romania	1 (1.1)
- South Africa	5 (5.5)
- Switzerland	2 (2.2)
- United Kingdom	19 (20.9)

Supplementary Table 2 Country-specific COVID-19 control measures in the general population

	Argentina	Australia	Canada	Italy	Mexico	New Zealand	Spain	Uruguay	US
March									
Lock down	Yes (March 19)	Yes (March 23)	No	Yes (March 9)	Yes (March 23)	Yes (March 26)	Yes (March 14)	No	No
Travel restrictions	yes (March 15)	Yes (March 20)	Yes (March 20)	Yes (March 28)	No	Yes-Global	Yes (March 17)	No	Yes-selected regions
Test per Millions	129	211261	6835	N/A	120	23465	N/A	1107	292
Testing criteria	Symptomatic and key groups	Symptomatic and key groups	March 1-Symptomatic and key groups, March 19 - Open public testing	Symptomatic	N/A	Symptomatic and key groups	Symptoms and key groups	Symptoms and key groups	Symptoms and key groups, March 14-open public testing
State of Emergency	No	No	Yes (March 17)	Yes (March 9)	No	No	Yes (March 13)	No	Yes (March 13)
April									
Lockdown	Yes	Yes	No	Yes	Yes	Yes	Yes	No	No

Travel restrictions	Yes-global	Yes	Yes	Yes-Non-essential, global	No	Yes-global	Yes-global	Yes-global	Yes-selected regions
Test per Millions	136	352380	14135	1350000	601	116121	N/A	4406	383
Testing criteria	Symptoms and key groups	April 27-Open public testing	Open public testing	Anyone with symptoms	April 6-Symptoms and key groups	Symptoms and key groups	Symptoms and key groups	Symptoms and key groups	Open public testing
State of Emergency	No	No	Yes	Yes	No	No	Yes	No	Yes
May Lockdown	Yes	Yes	No	Yes	Yes	Yes (May 14)	Yes	No	No
Travel restrictions	Yes-Non-residents, global	Yes	Yes	Yes-Non-essential, global	No	Yes-global	Yes	Yes-Non-global	Yes-select regions
Test per Millions	1906	890927	23271	1080000	1486	141711	25352	7093	529
Testing criteria	Symptoms and key groups	Open public	Open public	Symptomatic	Symptoms and	Symptoms and	Symptomatic	Symptomatic	Open public

	groups	testing	testing		key groups	key groups			testing
State of Emergency	No	No	Yes	Yes	No	No	Yes	No	Yes
June									
Lockdown	No	Yes	No	No	No	No	No	No	No
Travel restrictions	Yes-global	Yes	Yes	Open to EU countries (June 3)	No	Yes-global	Yes	Yes-global	Yes-selected regions
Test per Mils	3842	1000000	28199	830354	2387	120391	23434	6617	574
Testing criteria	Symptoms and key groups	Open public testing	Open public testing	Symptomatic	Symptoms and key groups	Symptoms and key groups	Symptoms	Open public testing (June 26)	Open public testing
State of Emergency	No	No	Yes	Yes	No	No	Yes (June 26)	No	Yes

US: Ultrasonography.