

Supplementary Table 1. Distribution of study population by cohort. Any registration.

	<b>Cohort 1</b>	<b>Cohort 2</b>	<b>Cohort 3</b>	<b>Cohort 4</b>	<b>Cohort 5</b>	<b>Young men</b>	<b>At least once</b>
Children	1001	189	654	0	488	0	2332
- <i>men</i>	498	96	351	-	251	-	1196
- <i>women</i>	503	93	303	-	237	-	1136
Young men	0	0	0	0	0	263	263
Mothers	980	189	638	166	504	207	2684
Fathers	0	0	0	0	282	0	282
Maternal grandmother	0	0	0	0	337	0	337
Paternal grandmother	0	0	0	0	201	0	201
<b>Total</b>	<b>1981<sup>1)</sup></b>	<b>378<sup>1)</sup></b>	<b>1292<sup>1)</sup></b>	<b>166<sup>1)</sup></b>	<b>1812<sup>1)</sup></b>	<b>470<sup>1)</sup></b>	<b>6099<sup>2)</sup></b>
<i>Total, men</i>	498	96	351	0	533	263	1741
<i>Total, women</i>	1483	282	941	166	1279	207	4358

Notes: 1) After the data cleaning some of these numbers differ slightly from those reported previously<sup>12,14</sup>; 2) This number is larger than 5773, as a given person could have participated in more than one cohort.

Supplementary Table 2. Distribution of study population by cohort. First registration.

	<b>Cohort 1</b>	<b>Cohort 2</b>	<b>Cohort 3</b>	<b>Cohort 4</b>	<b>Cohort 5</b>	<b>Young men</b>	<b>First registration</b>
Children	1001	189	654	0	488	0	2332
- <i>boys</i>	498	96	351	-	251	-	1196
- <i>girls</i>	503	93	303	-	237	-	1136
Young men	0	0	0	0	0	258	258
Mothers	980	155	579	142	450	159	2465
Fathers	0	0	0	0	265	0	265
Maternal grandmothers	0	0	0	0	286	0	286
Paternal grandmothers	0	0	0	0	167	0	167
<b>Total</b>	<b>1981</b>	<b>344</b>	<b>1233</b>	<b>142</b>	<b>1656</b>	<b>417</b>	<b>5773</b>
<i>Total, men</i>	498	96	351	0	516	258	1719
<i>Total, women</i>	1483	248	882	142	1140	159	4054

Supplementary Table 3. Distribution of IBD cases and age range by cohort.

<b>Cohort name</b>	<b>UC</b>	<b>CD</b>	<b>IBD</b>	<b>Age range</b>
Cohort 1				
- <i>mothers</i>	9	-	<b>9</b>	29-64
- <i>children</i>	8	3	<b>11</b>	11-31
Cohort 2				
- <i>mothers</i>	-	-	-	
- <i>children</i>	3	-	<b>3</b>	17-21
Cohort 3				
- <i>mothers</i>	1	1	<b>2</b>	35
- <i>children</i>	-	-	-	
Cohort 4	1	-	<b>1</b>	37
Cohort 5				
- <i>mothers</i>	2	-	<b>2</b>	20-35
- <i>children</i>	-	-	-	
- <i>fathers</i>	2	-	<b>2</b>	32-41
- <i>maternal grandmother</i>	2	1	<b>3</b>	52-67
- <i>paternal grandmother</i>	-	-	-	
Young men	2	-	<b>2</b>	25-30
- <i>mothers of young men</i>	2	-	<b>2</b>	56-58
<b>Total</b>	<b>32<sup>1)</sup></b>	<b>5<sup>2)</sup></b>	<b>37</b>	<b>11-67</b>

Notes: Montreal classification<sup>18</sup> for UC 1) 18 persons had E1, five had E2 and nine with E3; for CD 2) one person had L2 and B1, two had L3 and B2, one had L3 and B3 and one had L2 and B2. None had perianal disease.