

## **Supplementary material**

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**Manuscript Title:** Demographic and Clinical Characteristics of Patients With Crohn's Disease and Ulcerative Colitis Experiencing Changes in Bowel Urgency Severity – A Real-World Study

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**Table S1.** List of patient-reported outcomes.

Questionnaires	Choice of response
During the last week, do you have any of the following symptoms? Check all that apply	<input type="checkbox"/> Fatigue <input type="checkbox"/> Felt depressed or blue
What is your average (typical) number of bowel movements that you had in a single day last week?	<input type="text"/>
Over the last 3 days, how would you describe the frequency of your stools?	<input type="checkbox"/> Normal number of stools <input type="checkbox"/> 1–2 stools more than normal <input type="checkbox"/> 3–4 stools more than normal <input type="checkbox"/> >4 stools more than normal <input type="checkbox"/> Not applicable, I have an ostomy
Over the last 3 days, how would you describe the consistency of most of your bowel movement	<input type="checkbox"/> Formed <input type="checkbox"/> Soft or semi-formed <input type="checkbox"/> Mostly or all liquid
Over the last 3 days, how much rectal bleeding have you experienced?	<input type="checkbox"/> No blood seen <input type="checkbox"/> Blood less than 50% of the time <input type="checkbox"/> Blood 50% or more of the time
Over the last 3 days, how much abdominal pain have you had?	<input type="checkbox"/> None <input type="checkbox"/> Mild <input type="checkbox"/> Moderate <input type="checkbox"/> Severe
Over the last 3 days, how much urgency have you had before bowel movements?	<input type="checkbox"/> None. I can wait 15 minutes or longer to have a bowel movement.

	<input type="checkbox"/> Mild. I need to get to the bathroom within 5–15 minutes. <input type="checkbox"/> Moderate. I need to get to the bathroom within 2–5 minutes. <input type="checkbox"/> Moderately severe. I need to get to the bathroom in less than 2 minutes. <input type="checkbox"/> Severe. Sometimes I am unable to make it to the bathroom in time. <input type="checkbox"/> Not applicable. I have an ostomy.
<p>During the last months, have you had nighttime bowel movement?</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>During the last month, have you had leakage of your stool while sleeping?</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>During the last month, have you had any leakage of stool while you were awake?</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>Please rate your general well-being over the last 3 days</p>	<input type="checkbox"/> Generally well <input type="checkbox"/> Slightly under par <input type="checkbox"/> Poor <input type="checkbox"/> Very poor <input type="checkbox"/> Terrible
<p>Physician’s global assessment of the current disease status</p>	<input type="checkbox"/> Quiescent <input type="checkbox"/> Mild <input type="checkbox"/> Moderate <input type="checkbox"/> Severe

**Table S2: Patients with and without 6 months urgency data by enrollment urgency data**

	Crohn's Disease			Ulcerative Colitis		
Urgency at Baseline	Missing urgency at 6 months, n (%)	With urgency at 6 months, n (%)	P-value	Missing urgency at 6 months, n (%)	With urgency at 6 months, n (%)	P-value
No urgency	604 (35%)	282 (34%)		324 (36%)	188 (43%)	
Mild	547 (31%)	283 (34%)		264 (30%)	125 (29%)	
Moderate	285 (16%)	162 (20%)		129 (15%)	50 (12%)	
Moderate severe or severe	316 (18%)	105 (13%)	0.002	174 (20%)	72 (17%)	0.073

**Fig. S1: Patient Attrition Flow Chart**

