

## SUPPLEMENTARY MATERIAL

### **Broad Impact of Bowel Urgency in Ulcerative Colitis and Crohn's Disease: US, European, and Japanese Patient and Health Care Professional Perspectives from the Communicating Needs and Features of IBD Experiences (CONFIDE) Survey**

David T. Rubin<sup>1</sup>, Alison Potts Bleakman<sup>2</sup>, Simon Travis<sup>3</sup>, Marla Dubinsky<sup>4</sup>, Stefan Schreiber<sup>5</sup>, Remo Panaccione<sup>6</sup>, Theresa Hunter Gible<sup>2</sup>, Cem Kayhan<sup>2</sup>, Tommaso Panni<sup>2</sup>, Eoin Flynn<sup>2</sup>, Angelo D. Favia<sup>2</sup>, Christian Atkinson<sup>7</sup>, Sonal Saxena<sup>2</sup>, Toshifumi Hibi<sup>8</sup>

#### **Affiliations:**

<sup>1</sup>University of Chicago Medicine Inflammatory Bowel Disease Center, Chicago, USA

<sup>2</sup>Eli Lilly and Company, Indianapolis, USA

<sup>3</sup>University of Oxford, Oxford, United Kingdom

<sup>4</sup>Icahn School of Medicine at Mount Sinai, New York, USA

<sup>5</sup>University Hospital Schleswig-Holstein, Kiel, Germany

<sup>6</sup>University of Calgary, Calgary, Canada

<sup>7</sup>Adelphi Real World, Bollington, United Kingdom

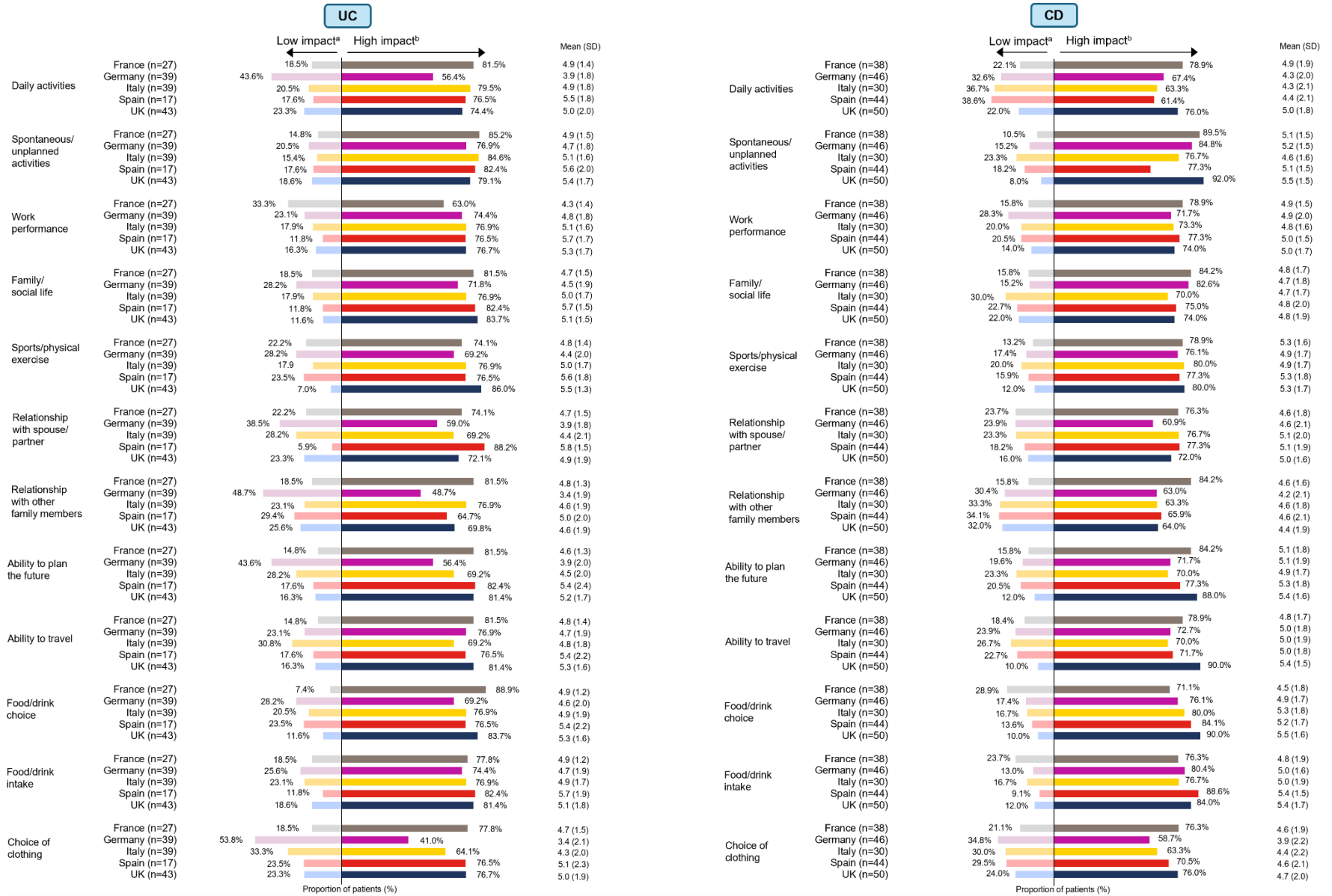
<sup>8</sup>Kitasato University, Tokyo, Japan

**Corresponding Author:** David T Rubin

**Email address:** [drubin@bsd.uchicago.edu](mailto:drubin@bsd.uchicago.edu)

**Figure S1. Impact of bowel urgency on daily lives of European patients with UC or CD**

Patients who reported experiencing bowel urgency in the past month were asked to rate the extent to which bowel urgency interferes with various aspects of daily life on a scale of 1–7, where 1=does not interfere at all and 7=interferes a great deal.



The percentages may not add up to 100% because they have been rounded-off to the nearest decimal point and some patients reported “not applicable” as a response to the survey question (data not shown).

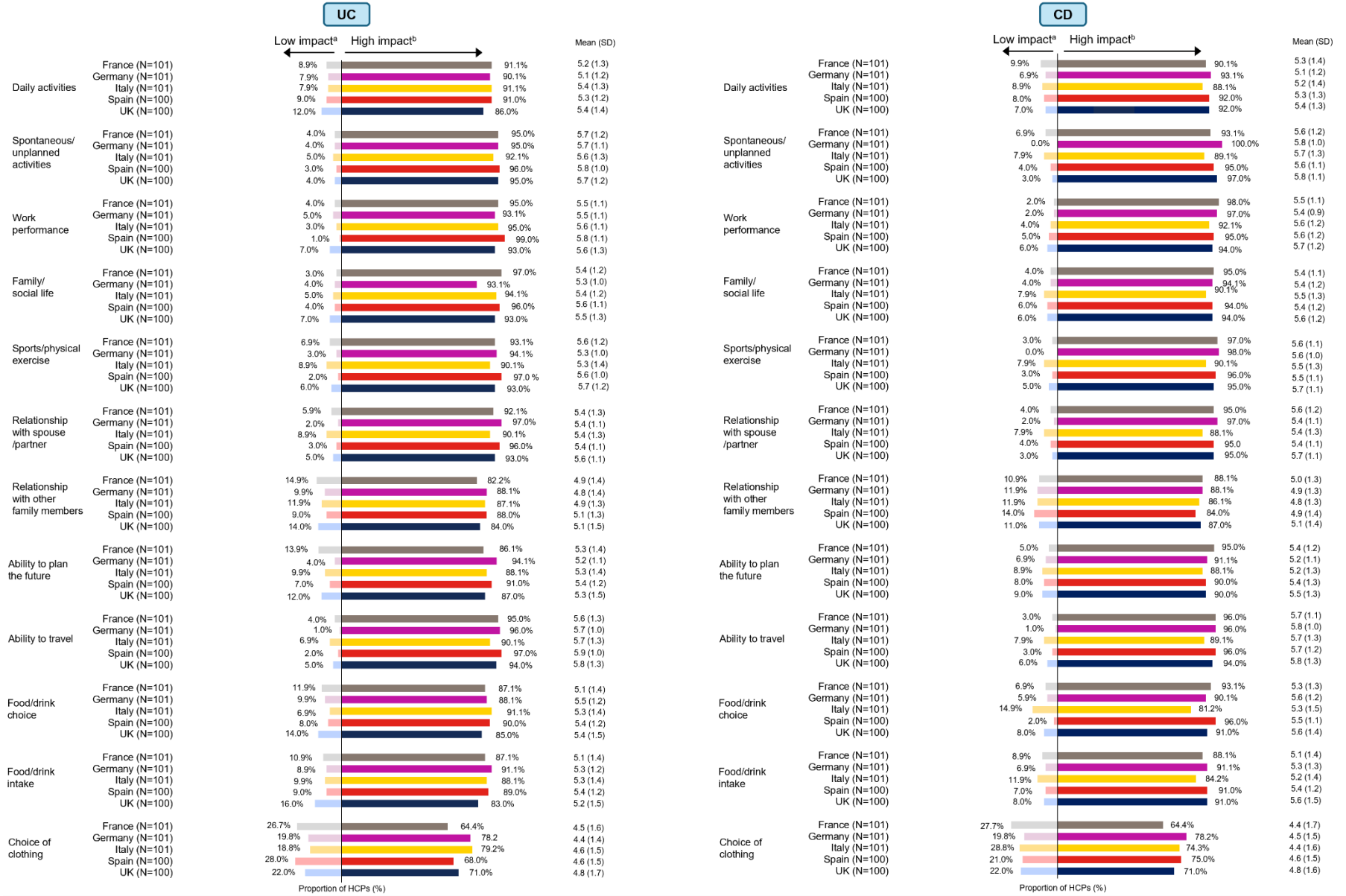
<sup>a</sup>Patients who rated low impact of bowel urgency (Rating from 1 to 3)

<sup>b</sup>Patients who rated high impact of bowel urgency (Rating from 4 to 7)

Abbreviations: CD: Crohn’s disease; n: number of patients experiencing bowel urgency in the past month; SD: standard deviation; UC: ulcerative colitis

**Figure S2. HCP-perceived impact of bowel urgency on daily lives of European patients with UC or CD**

HCPs were asked to rate the extent to which bowel urgency impacts different aspects of daily life of patients on a scale of 1–7, where 1=no impact at all and 7=impacts a great deal (and 0=no opinion).



The percentages may not add up to 100% because they have been rounded-off to the nearest decimal point and some HCPs reported “no opinion” as a response to the survey question (data not shown).

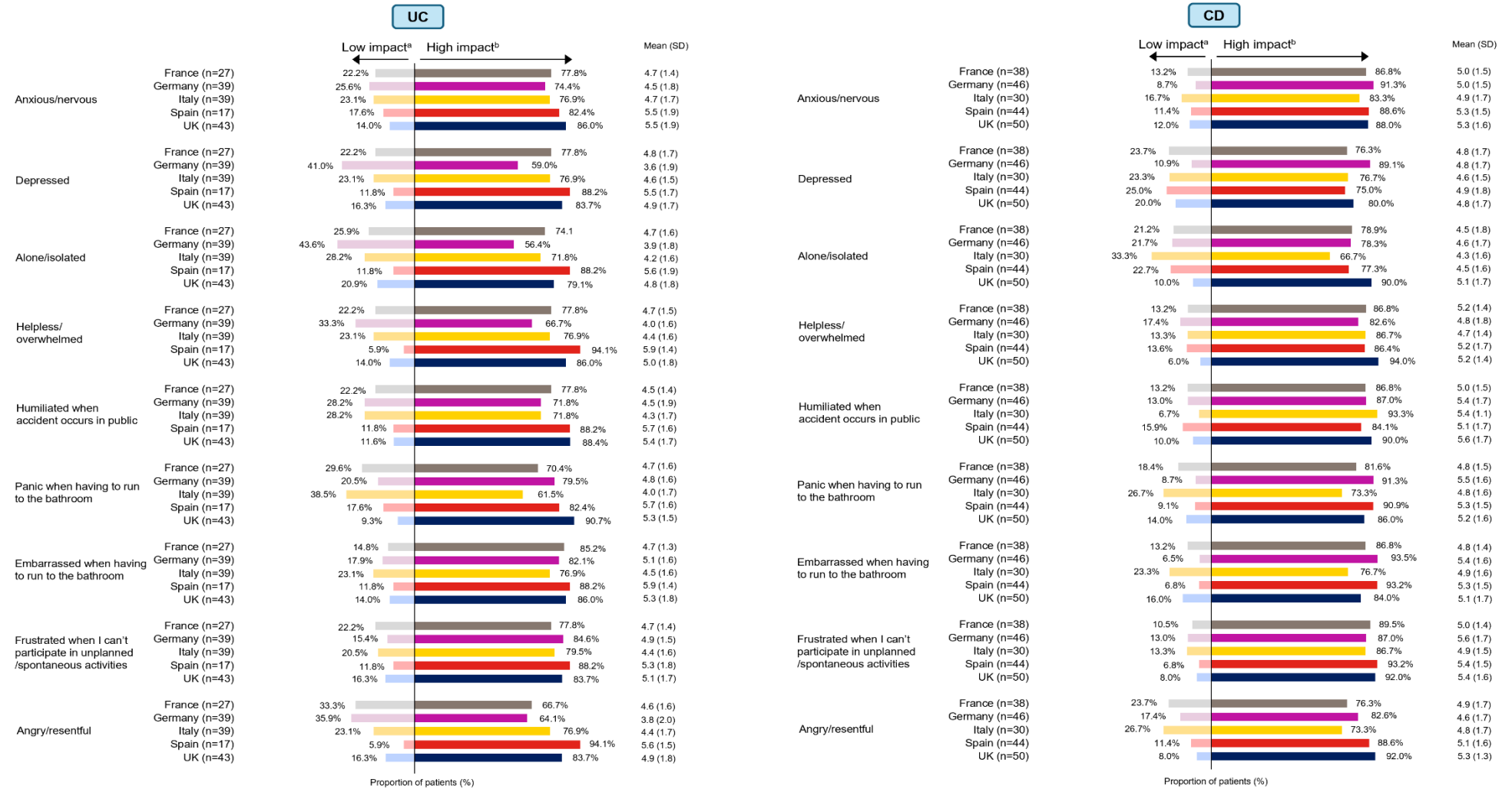
<sup>a</sup>HCPs who rated low impact of bowel urgency (Rating from 1 to 3)

<sup>b</sup>HCPs who rated high impact of bowel urgency (Rating from 4 to 7)

Abbreviations: CD: Crohn’s disease; N: number of HCPs; HCP: healthcare provider; SD: standard deviation; UC: ulcerative colitis

**Figure S3. Emotional impact of bowel urgency on European patients with UC or CD**

Patients who reported experiencing bowel urgency in the past month were asked to rate the emotional impact of bowel urgency based on a range of mental well-being issues on a scale of 1–7, where 1=does not make me feel like this at all and 7=makes me feel like this a great deal.



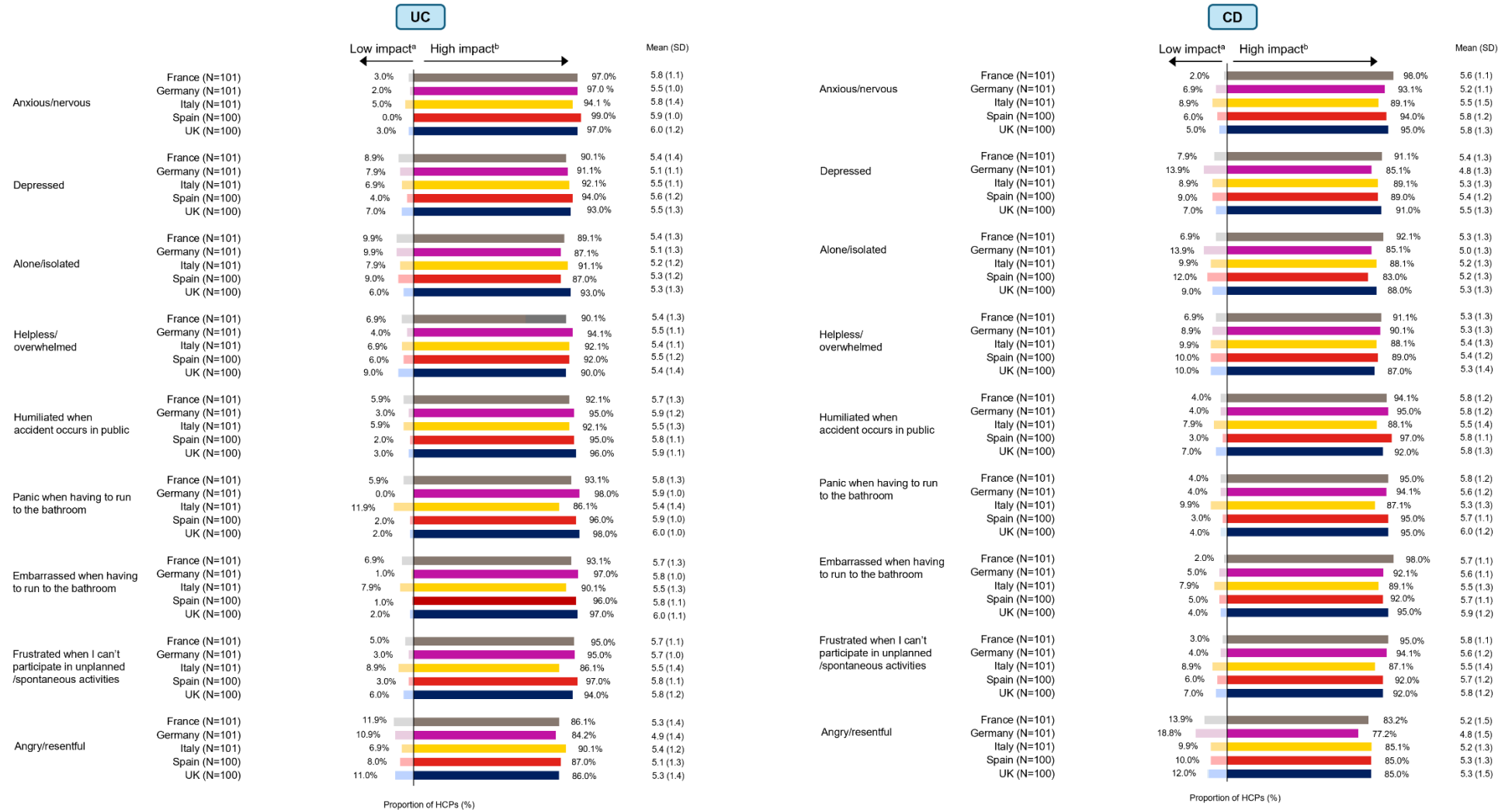
<sup>a</sup>Patients who rated low impact of bowel urgency (Rating from 1 to 3)

<sup>b</sup>Patients who rated high impact of bowel urgency (Rating from 4 to 7)

Abbreviations: CD: Crohn's disease; n: number of patients experiencing bowel urgency in the past month; SD: standard deviation; UC: ulcerative colitis

**Figure S4. HCP-perceived emotional impact of bowel urgency on European patients with UC or CD**

HCPs were asked to rate the emotional impact of bowel urgency on a scale of 1–7, where 1=patients do not experience at all and 7=patients experience a great deal (and where 0=no opinion).



The percentages may not add up to 100% because they have been rounded-off to the nearest decimal point and some HCPs reported “no opinion” as a response to the survey question (data not shown).

<sup>a</sup>HCPs who rated low impact of bowel urgency (Rating from 1 to 3)

<sup>b</sup>HCPs who rated high impact of bowel urgency (Rating from 4 to 7)

Abbreviations: CD: Crohn’s disease; N: number of HCPs; HCP: healthcare provider; SD: standard deviation; UC: ulcerative colitis