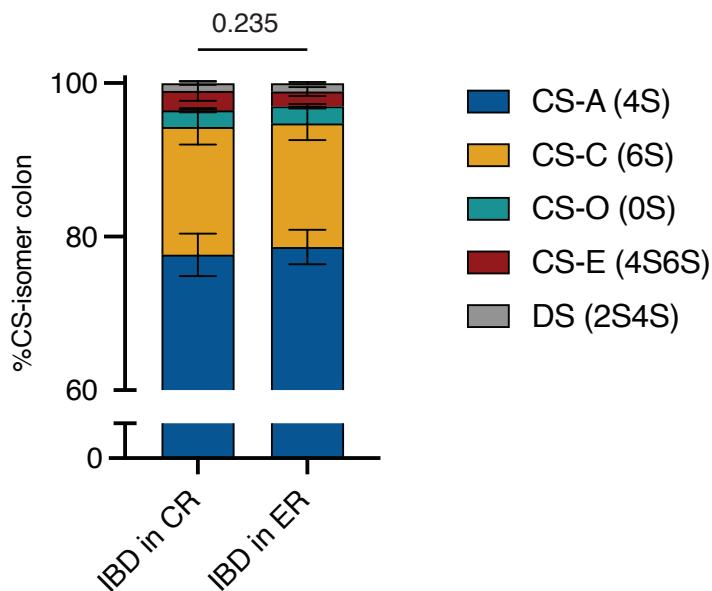


**Supplemental Figure 1.** CS/DS colon isomer composition in healthy endoscopy controls (HC, n=4) compared to patients with functional gastrointestinal disease (FGID, n=9) who had some degree of symptomatology prompting endoscopy, but no gross or histologic changes.



**Supplemental Figure 2.** CS/DS colon isomer composition in patients with IBD in clinical remission (IBD in CR, n=22) at follow up compared to patients in endoscopic remission (ER, n=14) at follow up.