Supplementary Table 2. Percentage of patients with Crohn's disease or ulcerative colitis with prescriptions of biologics or corticosteroids[a] (with and without biologics), by US region, history of smoking, and current alcohol user, 2019 IQVIA

Patient characteristic	Crohn's disease							Ulcerative colitis						
	%	Biologics[b]		Corticosteroids[c] with biologics		Corticosteroids[c] without biologics		%	Biologics[b]		Corticosteroids[c] with biologics		Corticosteroids[c] without biologics	
		% (95% CI)	P value	% (95% CI)	P value	% (95% CI)	P value		% (95% CI)	P value	% (95% CI)	P value	% (95% CI)	P value
US region														
Northeast	19.5	28.7 (27.8–29.6)	<0.001	10.4 (9.8–11.0)	0.007	15.5 (14.8–16.2)	<0.001	19.3	13.9 (13.2–14.6)	0.62	5.9 (5.4–6.4)	0.85	18.4 (17.6–19.1)	<0.001
Midwest	20.0	30.7 (29.8–31.6)	0.05	11.0 (10.4–11.6)	0.33	17.6 (16.8–18.3)	0.54	19.4	13.3 (12.7–14.0)	0.06	5.9 (5.5–6.4)	0.74	20.8 (20.0–21.6)	0.19
South (ref)	47.4	31.7 (31.2–32.3)	—	11.4 (11.0–11.8)	—	17.3 (16.8–17.8)	—	45.8	14.1 (13.7–14.5)	—	5.8 (5.5–6.1)	—	20.1 (19.6–20.6)	—
West	13.0	27.0 (25.9–28.0)	<0.001	10.6 (9.8–11.3)	0.06	18.7 (17.8–19.6)	0.01	15.6	12.4 (11.7–13.1)	<0.001	6.3 (5.7–6.8)	0.18	22.9 (22.0–23.8)	<0.001
History of smoking[d,f]														
Yes	18.4	28.0 (26.8–29.2)	<0.001	13.2 (12.5–13.8)	<0.001	23.0 (22.1–23.8)	<0.001	15.4	12.8 (11.8–13.8)	0.09	6.8 (6.3–7.4)	<0.001	25.3 (24.4–26.3)	<0.001
No (ref)	81.6	30.6 (30.1–31.0)	—	10.5 (10.2–10.8)	—	15.9 (15.5–16.2)	—	84.6	13.7 (13.4–14.0)	—	5.8 (5.6–6.0)	—	19.4 (19.1–19.8)	—
Current alcohol user[e,f]														
Yes	30.2	33.9 (33.1–34.6)	<0.001	10.1 (9.7–10.6)	<0.001	14.0 (13.5–14.6)	<0.001	31.9	15.1 (14.5–15.6)	<0.001	5.5 (5.2–5.9)	0.01	17.1 (16.6–17.7)	<0.001
No (ref)	69.8	28.8 (28.3–29.2)	—	11.4 (11.1–11.7)	—	18.5 (18.1–18.9)	—	68.1	13.0 (12.6–13.3)	—	6.1 (5.9–6.4)	—	21.9 (21.4–22.3)	—

Abbreviations: CI, confidence interval; Ref, referent group.

[a]With or without a biologic prescription within the same calendar year. The denominators are all patients with CD or UC.

[b]Including adalimumab, infliximab, certolizumab, golimumab, vedolizumab, natalizumab, and ustekinumab.

[c]Including prednisone, prednisolone, methylprednisolone, hydrocortisone, and budesonide.

[d]A history of smoking includes current smokers and former smokers who use cigarettes, tobaccos, or e-cigarettes. It is defined as an affirmative response to both criteria of smoking-related SNOMED codes and clauses "tobacco or cigarette smoking" or "ex-smoker or former smoker".

[e]Current alcohol users are patients who currently drink alcohol. It is defined when SNOMED codes are any of '219006', '228281002', and '7200002'.

[f]The information for a history of smoking status and current alcohol use status were obtained from another IQVIA database OMOP (Observational Medical Outcomes Partnership) with standardized vocabulary through linkage.