

Supplementary Table 2. Cox Proportional Hazards Model Results

| Drug | Exposure | CD | | | | UC | | | |
|-----------------------|----------|-------------------|------|------------------|---------|-------------------|-------|------------------|---------|
| | | Colorectal cancer | | HR (95% CI) | p value | Colorectal cancer | | HR (95% CI) | p value |
| | | Yes | No | | | Yes | No | | |
| 5-aminosalicylic acid | No | 3 | 105 | ref | 0.0767 | 9 | 173 | ref | <0.001 |
| | Yes | 68 | 6276 | 0.35 (0.11–1.12) | | 142 | 16445 | 0.18 (0.09–0.35) | |
| Immunomodulator | No | 40 | 2422 | ref | 0.0034 | 131 | 13769 | ref | 0.426 |
| | Yes | 31 | 3959 | 0.47 (0.28–0.78) | | 20 | 2849 | 0.83 (0.51–1.33) | |
| Corticosteroid | No | 25 | 2171 | ref | 0.9907 | 84 | 8654 | ref | 0.539 |
| | Yes | 46 | 4210 | 1.00 (0.61–1.66) | | 67 | 7964 | 0.90 (0.66–1.25) | |

CD, crohn's disease; UC, ulcerative colitis; HR, hazard ratio; CI, confidence interval.