**Supplementary Table 1.** Unadjusted linear regressions between regional rurality, poverty, and indigenous ethnicity rates with inflammatory bowel disease admissions.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Inflammatory bowel disease** | | | **Ulcerative colitis** | | | **Crohn's disease** | | |
|  | *Total IBD* | *Pediatric IBD* | *Adult IBD* | *Total UC* | *Pediatric UC* | *Adult UC* | *Total CD* | *Pediatric CD* | *Adult CD* |
| **Rurality, β (95% CI)** | -0.07  (-0.21, 0.07) | -0.03  (-0.08, 0.03) | -0.12  (-0.28, 0.04) | -0.05  (-0.16, 0.06) | -0.01  (-0.05, 0.02) | -0.10  (-0.22, 0.04) | -0.02  (-0.06, 0.02) | -0.01  (-0.03, 0.01) | -0.03  (-0.07, 0.02) |
| **Poverty, β (95% CI)** | -0.09  (-0.44, 0.26) | -0.01  (-0.14, 0.11) | -0.21  (-0.61, 0.19) | -0.08  (-0.36, 0.19) | -0.01  (-0.09, 0.08) | -0.19  (-0.51, 0.13) | -0.01  (-0.10, 0.09) | -0.01  (-0.06, 0.05) | -0.02  (-0.14, 0.09) |
| **Indigenous ethnicity, β (95% CI)** | 0.01  (-0.16, 0.17) | 0  (-0.06, 0.06) | -0.01  (-0.21, 0.19) | 0.02  (-0.11, 0.15) | 0.01  (-0.03, 0.05) | 0  (-0.16, 0.16) | -0.01  (-0.05, 0.04) | -0.01  (-0.04, 0.01) | -0.01  (-0.06, 0.04) |

Abbreviations: IBD: Inflammatory bowel disease, UC: Ulcerative colitis, CD: Crohn’s disease.