|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Odds Ratio: Biologic Use (95% CI)** | **p-value** | **Odds Ratio: Immunomodulator Use (95% CI)** | **p-value** | **Odds Ratio: 5-ASA Use (95% CI)** | **p-value** | **Odds Ratio: Corticosteroid Use (95% CI)** | **p-value** | **Odds Ratio Opioid Use (95% CI)** | **p-value** |
| Gender |  |  |  |  |  |  |  |  |  |  |
| Female (referent) | - | - | - | - | - | - | - | - | - | - |
| Male | 1.35 (1.20-1.52) | <0.001 | 0.98 (0.90-1.08) | 0.72 | 1.24 (1.17-1.32) | <0.001 | 0.92 (0.87-0.98) | 0.02 | 0.97 (0.92-1.04) | 0.41 |
| Region |  |  |  |  |  |  |  |  |  |  |
| Northeast (Referent) | - | - | - | - | - | - | - | - | - | - |
| North Central | 1.23 (1.03-1.47) | 0.03 | 1.57 (1.37-1.80) | <0.001 | 1.84 (1.67-2.02) | <0.001 | 1.68 (1.53-1.84) | <0.001 | 0.97 (0.92-1.04) | 0.41 |
| South | 1.29 (1.10-1.52) | 0.002 | 1.27 (1.12-1.45) | <0.001 | 1.43 (1.32-1.56) | <0.001 | 1.68 (1.54-1.82) | <0.001 | 1.80 (1.64-1.98) | <0.001 |
| West | 1.01 (0.83-1.23) | 0.90 | 1.28 (1.10-1.49) | 0.001 | 1.25 (1.13-1.38) | <0.001 | 1.12 (1.01-1.23) | 0.03 | 1.90 (1.75-2.06) | <0.001 |
| Unknown | 1.11 (0.73-1.67) | 0.64 | 0.87 (0.61-1.25) | 0.45 | 0.79 (0.64-1.05) | 0.02 | 0.85 (0.69-1.05) | 0.14 | 1.06 (0.86-1.31) | 0.58 |
| Insurance Type |  |  |  |  |  |  |  |  |  |  |
| EPO/PPO (referent) | - | - | - | - | - | - | - | - | - | - |
| HMO/Cap POS | 0.96 (0.80-1.16) | 0.67 | 1.15 (1.01-1.32) | 0.04 | 1.52 (1.38-1.67) | <0.001 | 1.32 (1.20-1.44) | <0.001 | 1.48 (1.34-1.62) | <0.001 |
| POS | 1.11 (0.91-1.36) | 0.29 | 1.20 (1.02-1.40) | 0.02 | 1.31 (1.17-1.46) | <0.001 | 1.32 (1.19-1.48) | <0.001 | 1.22 (1.10-1.37) | <0.001 |
| HDHP/CDHP | 1.28 (1.03-1.60) | 0.03 | 1.02 (0.84-1.22) | 0.87 | 1.38 (1.21-1.57) | <0.001 | 1.34 (1.18-1.52) | <0.001 | 1.16 (1.03-1.32) | 0.02 |
| Comp | 0.81 (0.56-1.76) | 0.25 | 1.14 (0.89-1.46) | 0.30 | 1.44 (1.20-1.74) | <0.001 | 1.30 (1.09-1.55) | 0.003 | 1.59 (1.33-1.90) | <0.001 |
| Grouped Charlson Index |  |  |  |  |  |  |  |  |  |  |
| 0 (referent) | - | - | - | - | - | - | - | - | - | - |
| 1 | 1.56 (1.34-1.81) | <0.001 | 1.35 (1.20-1.51) | <0.001 | 0.94 (0.87-1.02) | 0.14 | 1.47 (1.36-1.58) | <0.001 | 1.50 (1.39-1.62) | <0.001 |
| 2+ | 1.87 (1.63-2.15) | <0.001 | 1.65 (1.49-1.84) | <0.001 | 0.85 (0.79-0.92) | <0.001 | 1.46 (1.46-1.57) | <0.001 | 2.14 (1.99-2.30) | <0.001 |