**Supplementary Table. 4 - Multivariate linear regression analysis for total hospitalization charges in IBD patients with CMV infection.**

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| --- | --- | --- | --- |
| Parameters | Odds Ratio | 95% CI | p Value |
| Age | - 0.12 | - 0.13 to – 0.11 | <0.001 |
| Female vs Male | - 0.06 | -0.12 to -0.004 | 0.03 |
| Insurance  private  Public Vs Private  SP/Uninsured vs Private | Reference  0.22  - 0.20 | 0.10 to 0.33  - 0.31 to – 0.09 | <0.001  <0.001 |
| Race  Caucasian  African American vs Caucasian  Hispanic vs Caucasian  Others vs Caucasian | Reference  0.11  0.43  0.02 | 0.02 to 0.21  0.32 to 0.54  - 0.04 to 0.10 | 0.01  <0.001  0.46 |
| Bed Size  Large  Medium vs Large  Small vs Large | Reference  - 0.17  - 0.56 | - 0.24 to – 0.10  - 0.65 to – 0.47 | <0.001  <0.001 |
| Elective vs Non- elective hospitalization | 0.11 | 0.04 to 0.18 | 0.002 |
| Transplant | 3.64 | 3.31 to 3.96 | <0.001 |
| Malignancies | 8.51 | 8.20 to 8.82 | <0.001 |
| Immunodeficiency disorder | 3.87 | 3.51 to 4.24 | <0.001 |
| IBD Severity  Low  Intermediate  Severe | Reference  3.27  8.59 | 3.20 to 3.34  8.45 to 8.72 | <0.001  <0.001 |
| CMV infection | 9.57 | 9.01 to 10.14 | <0.001 |