**Supplementary Table – 3. Multivariate linear regression analysis for length of stay 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 |
| InsuranceprivatePublic Vs PrivateSP/Uninsured vs Private | Reference0.22- 0.20 | 0.10 to 0.33- 0.31 to – 0.09 | <0.001<0.001 |
| RaceCaucasianAfrican American vs CaucasianHispanic vs CaucasianOthers vs Caucasian | Reference0.110.430.02 | 0.02 to 0.210.32 to 0.54- 0.04 to 0.10 | 0.01<0.0010.46 |
| Bed SizeLargeMedium vs LargeSmall 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 SeverityLowIntermediateSevere | Reference3.278.59 | 3.20 to 3.348.45 to 8.72 | <0.001<0.001 |
| CMV infection | 9.57 | 9.01 to 10.14 | <0.001 |