|  |  |  |
| --- | --- | --- |
| **Appendix Table 1. Sensitivity Analyses: Predictors of Prolonged Hospitalizations**  **(LOS > 14 and > 30 days)** | | |
|  | LOS > 14 days | LOS > 30 days |
| Age – per 10 years increase in age | 0.84\* | 0.81\* |
| Year of Discharge |  |  |
| 2012 | 0.67\* | 0.41\* |
| 2013 | 1.16 | 1.03 |
| 2014 | -ref- | -ref- |
| Race/Ethnicity |  |  |
| White Non-Hispanic | -ref- | -ref- |
| Black Non-Hispanic | 1.04 | 0.96 |
| Hispanic | 1.21 | 1.06 |
| Asian | 1.04 | 0.50 |
| Other or Unknown | 1.58\* | 1.37 |
| Insurance |  |  |
| Medicare | -ref- | -ref- |
| Medicaid | 1.52\* | 2.76\* |
| Dual | 0.97 | 1.46 |
| Private | 1.04 | 0.90 |
| Indigent/Self-pay | 1.32 | 1.86 |
| Other | 1.00 | 1.59 |
| Discharge Disposition |  |  |
| Home with self-care | -ref- | -ref- |
| Home with home health | 3.91\* | 4.27\* |
| Hospice – home or inpatient | 3.04\* | 3.12\* |
| Post-acute care facility or LTAC | 8.30\* | 12.40\* |
| Expired | 6.23\* | 3.70\* |
| Other | 3.65\* | 5.13\* |
| Number of Admission Medications | 1.02\* | 0.99 |
| Primary Diagnosis by ICD-9 code |  |  |
| Sepsis, unspecified | 1.06 | 0.96 |
| MSSA septicemia | 4.93\* | 1.74 |
| MRSA septicemia | 7.27\* | 3.41\* |
| Alcoholic cirrhosis of the liver | 1.28 | 1.37 |
| Palliative Care Consult | 4.11\* | 2.91\* |
| ICU Stay | 6.86\* | 5.81\* |
| Surgical Procedure | 4.39\* | 5.70\* |

NOTE: **Abbreviations**: ICD-9, International Classification of Diseases, NinthRevision; ICU, intensive care unit; LOS, length of stay; LTAC, long-term acute care; MSSA, methicillin-sensitive *Staphylococcus aureus*; MRSA, methicillin-resistant *Staphylococcus aureus*.Models are clustered by patient.

\**P* <0.05