**SUPPLEMENTAL DATA**

**Supplemental Table 1. HOB Admissions with Commensal and Other Pathogen by LOS Group**

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| --- | --- | --- | --- | --- | --- |
|  |  | **HOB admissions with commensal** | | **HOB admissions with other pathogens** | |
| **LOS** | **Group** | **% (n/SubTotal)** | **OR (95% CI)** | **% (n/SubTotal)** | **OR (95% CI)** |
| **≤30 days** | Overall | 9.8 (138/1406) |  | 10.5 (148/1406) |  |
| Reference | 9.9 (124/1256) | 1.0 (Reference) | 10.6 (133/1256) | 1.0 (Reference) |
| Solid Tumor Cancer | 4.8 (2/42) | 0.49 (0.12, 2.08) | 11.9 (5/42) | 1.18 (0.45, 3.07) |
| Myeloproliferative Cancer | 16.4 (10/61) | 1.86 (0.89, 3.89) | 8.2 (5/61) | 0.76 (0.29, 1.98) |
| Transplant | 4.3 (2/47) | 0.4 (0.09, 1.72) | 10.6 (5/47) | 0.94 (0.35, 2.49) |
| **>30 days** | Overall | 27.6 (124/449) |  | 16.5 (74/449) |  |
| Reference | 27.5 (103/375) | 1.0 (Reference) | 14.9 (56/375) | 1.0 (Reference) |
| Solid Tumor Cancer | 0 (0/4) | 0 (0, Inf) | 25 (1/4) | 3.39 (0.31, 36.84) |
| Myeloproliferative Cancer | 34.1 (14/41) | 1.44 (0.68, 3.04) | 24.4 (10/41) | 1.37 (0.57, 3.31) |
| Transplant | 24.1 (7/29) | 0.74 (0.29, 1.88) | 24.1 (7/29) | 1.42 (0.54, 3.7) |

Note: Commensal: pathogen in CDC commensal list. ‘Other’ pathogens are the pathogen in sepsis study interest pathogen list but excluded from CDC’s HOB and commensal pathogen list.

Abbreviations: HOB, hospital-onset bacteremia and fungemia; LOS, length of stay, OR, odds ratio; CI: confidence interval

Models were adjusted for age, sex, diagnosis related groups (DRG) code, ICU status, Acute Laboratory Risk of Mortality Score (ALaRMS), payor type, and hospital-level variables (staffed bed size, teaching status, urbanicity).