Supplemental Table. Summary of parameters retained in mixed models predicting susceptibility of antibiotic testing for each organism, among 231 Nursing Homes in Georgia, U.S., 2016-2017

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| --- | --- | --- | --- |
| Pathogen | No. of Facilities contributing data | Parameter or interaction (\*) term | P-value |
| *E. coli* | 224 | Antibiotic | <.001 |
| Age category | 0.002 |
| Year | 0.753 |
| Region | 0.002 |
| Length of stay | 0.177 |
| Age\*antibiotic | 0.004 |
| Year\*antibiotic | 0.009 |
| Region\*antibiotic | <.001 |
| Length of stay\*antibiotic | 0.003 |
| *K. pneumoniae* | 222 | Antibiotic | <.001 |
| Age category | 0.047 |
| Bedsize | 0.062 |
| Region | 0.084 |
| Region\*antibiotic | 0.012 |
| Bed\*antibiotic | 0.005 |
| *P. mirabilis* | 229 | Antibiotic | <.001 |
| Region | 0.35 |
| Region\*Antibiotic | 0.007 |
| *E. Faecalis* | 214 | Antibiotic | <.001 |
| Age category | 0.02 |
| *P. aeruginosa* | 194 | Antibiotic | <.001 |