

Supplementary Material

Supplementary Text 1. Search string.

((k. pneumoniae[All Fields] AND (st258[All Fields] OR st 258[All Fields] OR (((“sequence”[All Fields] AND type[All Fields]) OR sequence type[All Fields]) AND 258[All Fields]))) OR (e. coli[All Fields] AND (st131[All Fields] OR st 131[All Fields] OR (((“sequence”[All Fields] AND type[All Fields]) OR sequence type[All Fields]) AND 131[All Fields])))

AND

(

(“transmission”[Subheading] OR transmissi*[All Fields] OR transmit*[All Fields] OR spread*[All Fields] OR disease outbreaks[All Fields] OR (disease[All Fields] AND outbreaks[All Fields]) OR outbreak*[All Fields] OR “gene transfer, horizontal”[MeSH Terms] OR (gene[All Fields] AND (“transfer”[All Fields] OR “transfers”[All Fields]) AND horizontal[All Fields]) OR horizontal gene transfer*[All Fields] OR conjugation*[All Fields] OR (“plasmids”[MeSH Terms] OR plasmid*[All Fields]) AND (“transfer”[All Fields] OR “transfers”[All Fields]))

OR

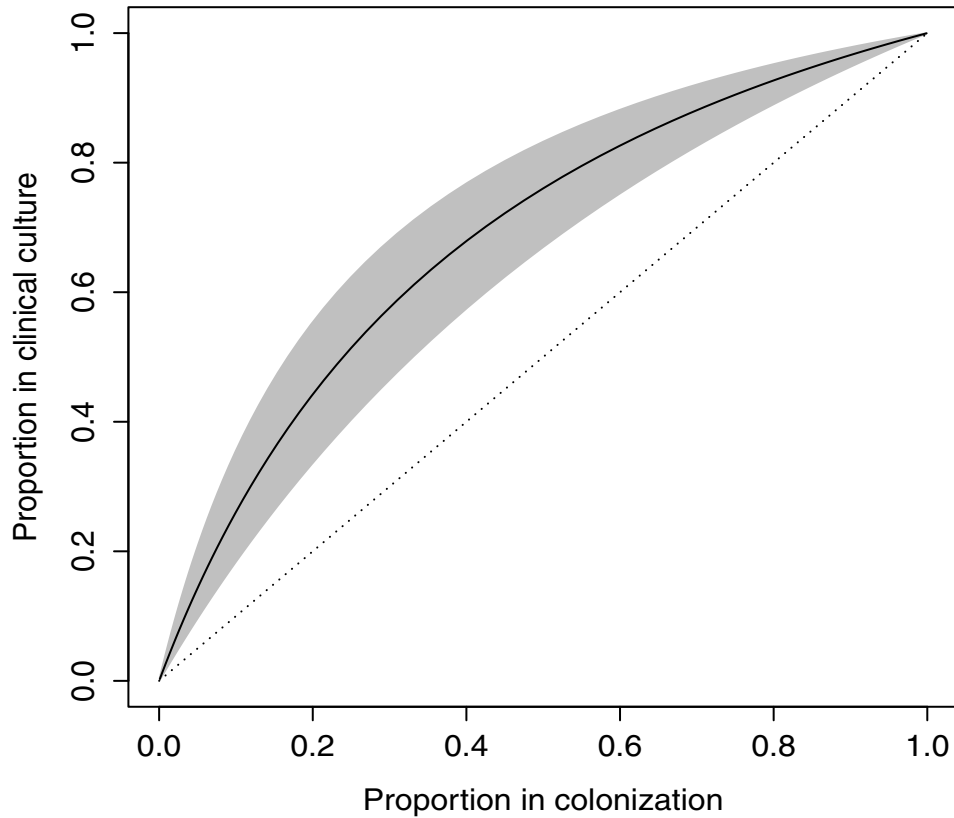
((colonis*[All Fields] OR coloniz*[All Fields]) AND (duration*[All Fields] OR (“period”[All Fields] OR “periods”[All Fields] OR times[All Fields])) OR (infectious[All Fields] AND (“period”[All Fields] OR “periods”[All Fields] OR times[All Fields] OR interval[All Fields] OR intervals[All Fields])) OR (“generation”[All Fields] AND (times[All Fields] OR interval[All Fields] OR intervals[All Fields])))

OR

(“pathogenicity”[Subheading] OR pathogenic*[All Fields] OR virulen*[All Fields] OR “virulence”[MeSH Terms] OR infectiv*[All Fields] OR infectious[All Fields] OR infectious*[All Fields])

)

Supplementary Figure 2: Differences in proportion ST131 in colonization versus infection as given by the metaregression model.



The confidence interval should be interpreted as the confidence interval for the mean effect and not the individual effect. If one would average the proportions *E. coli* ST131 found in 100 studies, the mean should fall within the limits of the confidence interval of this graph 95% of the times.

Supplementary Figure 3: Forest plot showing proportion ST258 in *K. pneumoniae*

