How effective is each antibiotic against each type of bacteria? Grouped bar chart with type of antibiotic on the horizontal axis and MIC on the vertical axis. Because a lower MIC is desirable, I process the data to be a ratio of the most effective antibiotic for each bacteria. For each bacteria, I divide everything by the least effective antibiotic to obtain a ratio of how effective each antibiotic is relative to the least effective antibiotic. This graph is completely relative, and each bar only makes sense when compared to the other two bars in its group. This graph does a good job at showing which antibiotic, out of these three, is most effective, and also shows how relatively effective the other antibiotics are.

Does the type of bacteria (positive vs negative) impact how much antibiotic, on average, it takes to treat that bacteria? Grouped box plot best here?

Which bacteria requires the most antibiotics to treat?