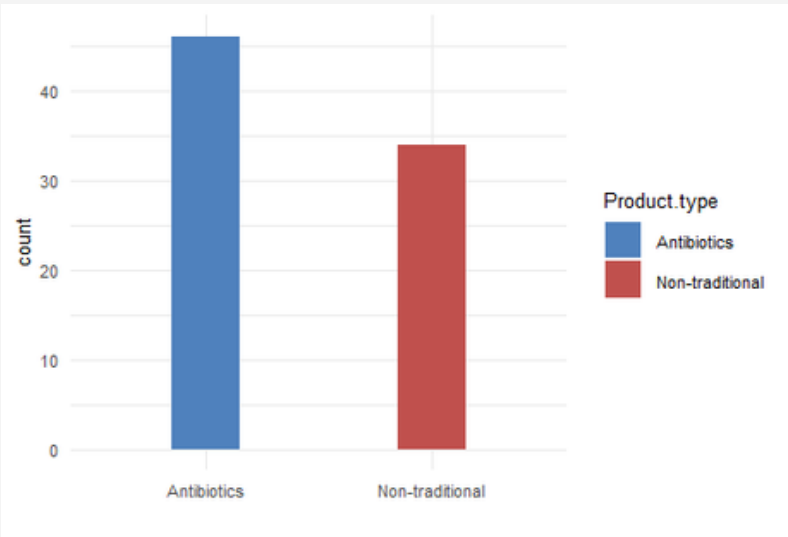# "A COMPARATIVE OVERVIEW OF ANTIMICROBIAL AND NON-TRADITIONAL THERAPEUTICS"
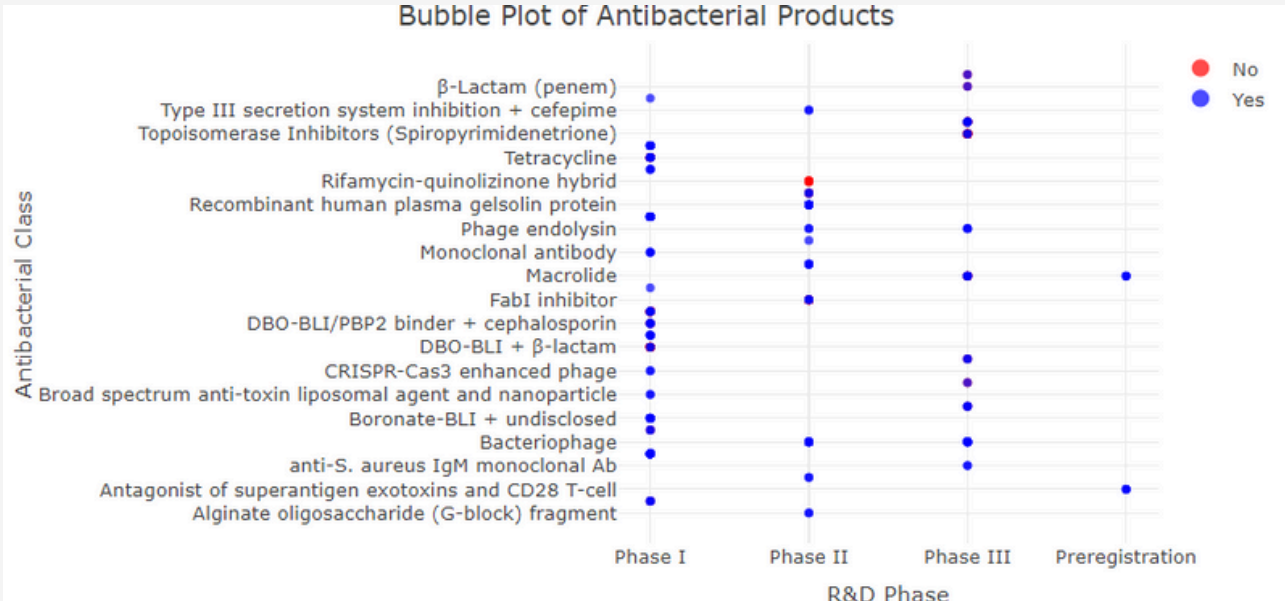
THIS INFOGRAPHIC SUMMARIZES KEY INSIGHTS FROM THERAPEUTIC PRODUCTS, HIGHLIGHTING THE DISTRIBUTION OF ANTIBIOTICS AND NON-TRADITIONAL THERAPIES AND THEIR IMPACTS ON VARIOUS PATHOGENS. .

"Distribution of Product Types"

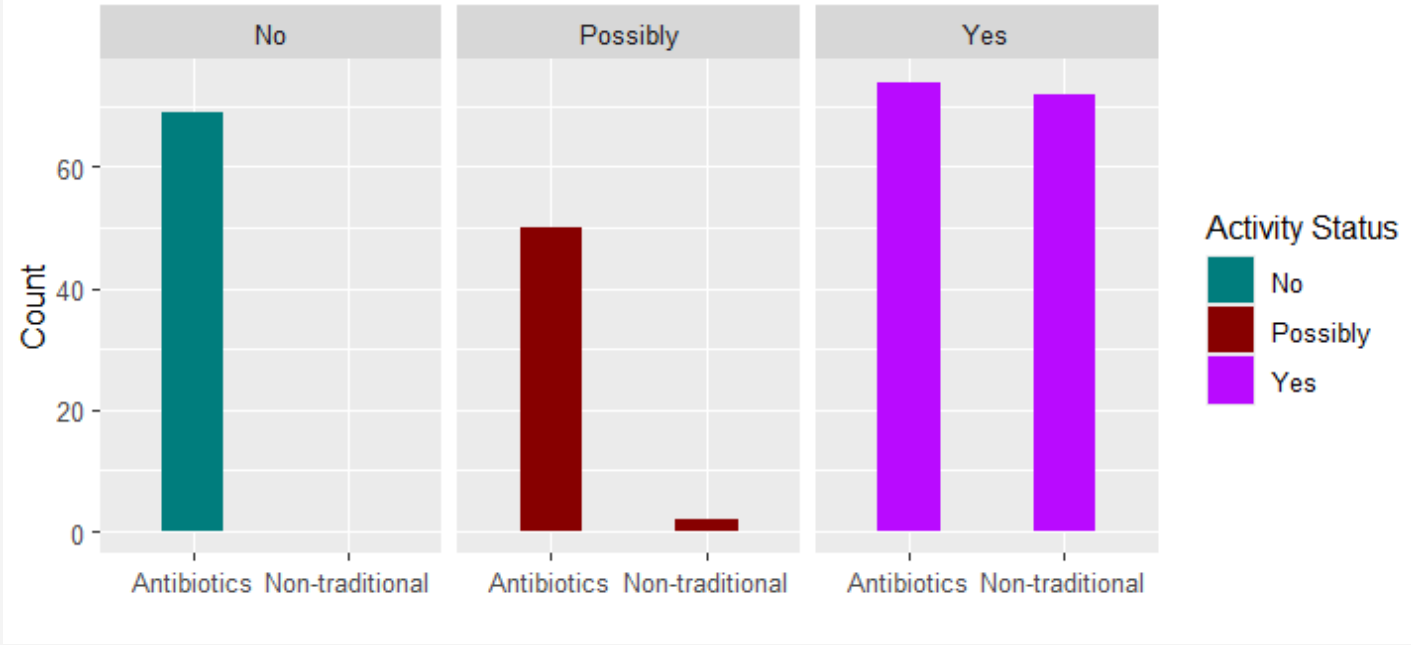Antibiotics =46
Non-traditional =34

Drugs_detials:

This plot is represent the AMR products name, class, R..D Phase, Pathogen names and it's activity against Pathogens you can find interactive plot here

"Comparing Activity Status for Antibiotics and Non-traditional Products"

Despite a higher total count of traditional antibiotics, it shows 38.8% effectiveness among the evaluated products, while non-traditional antibiotics demonstrate a 97.3% effectiveness.

"Drug Effectiveness by Route of Administration"

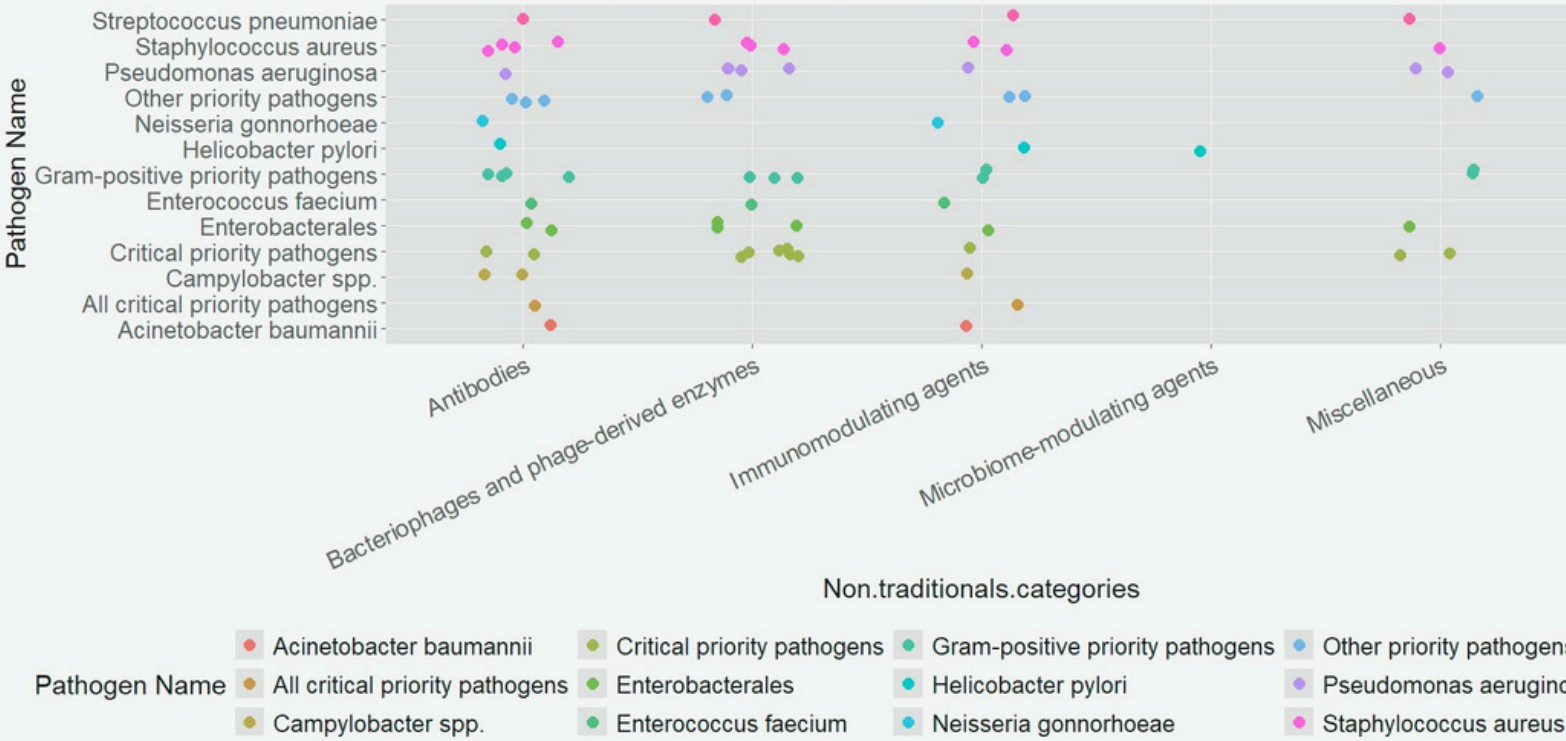the link for interactive plot is here
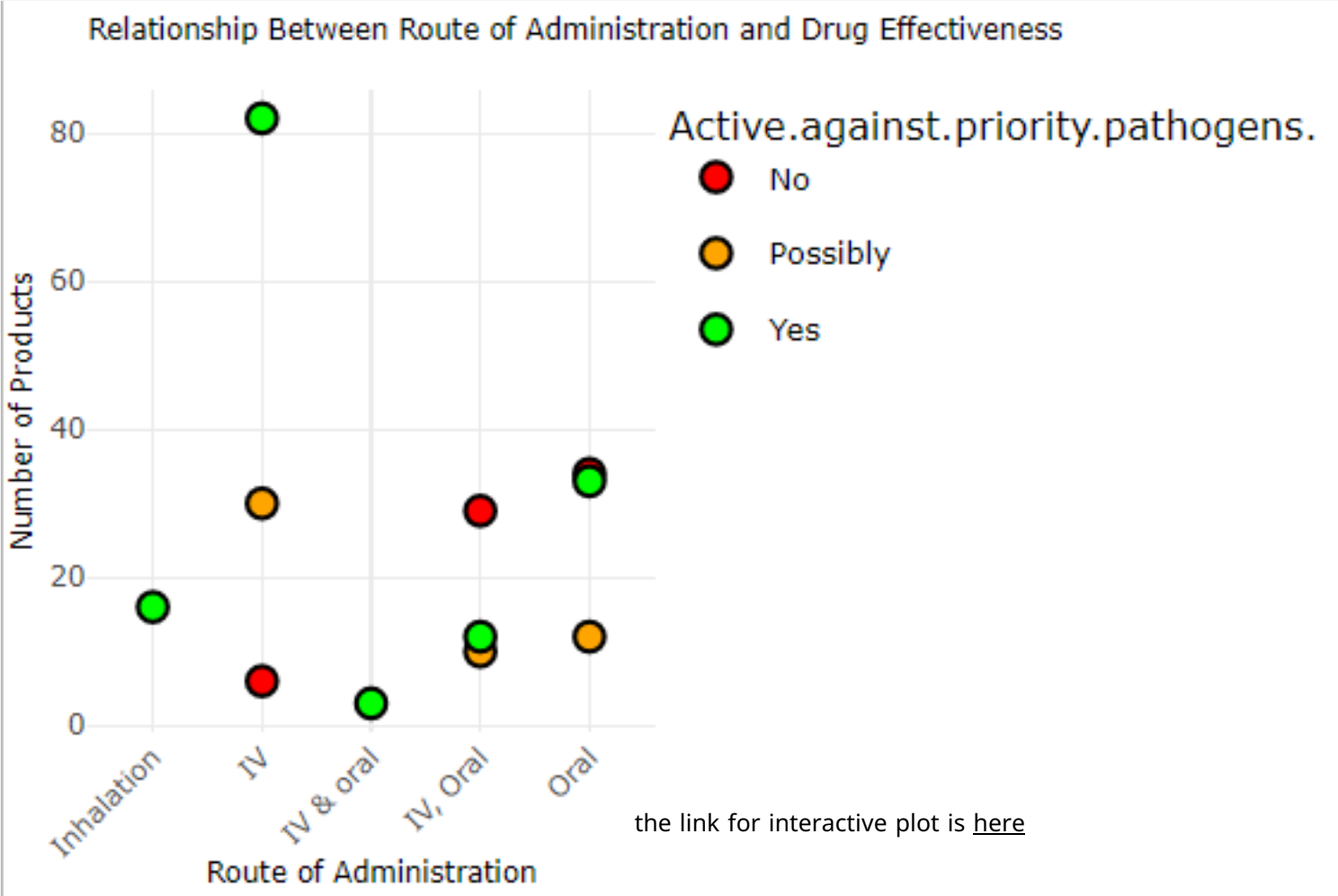
The plot illustrates the relationship between various routes of administration and the number of products effective against priority pathogens. It highlights that intravenous (IV) administration has the highest count of products, indicating its significant role in delivering effective therapeutic agents.

"Non-Traditional Categories"
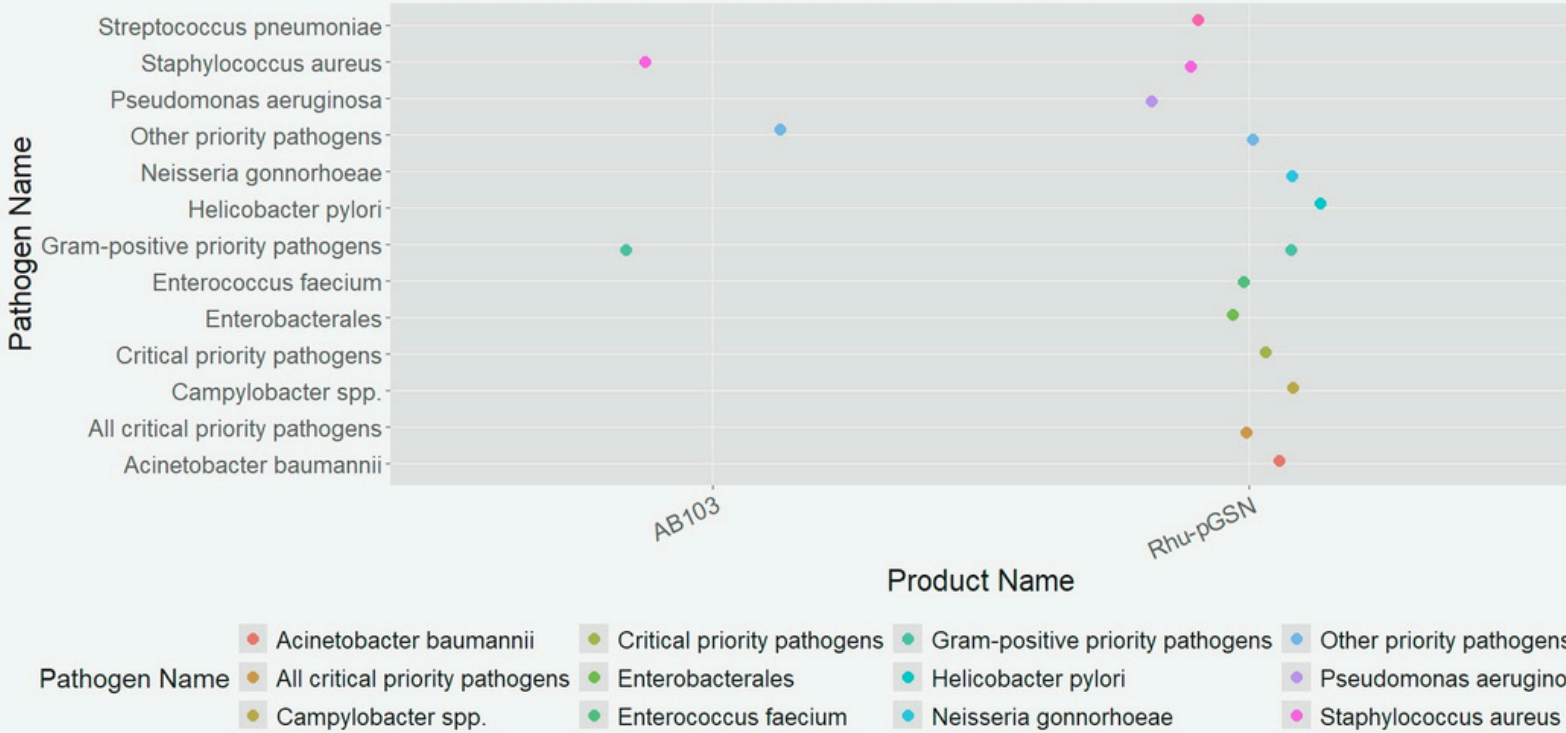
Pie Chart of Non.traditionals.categories

Non.traditionals.categories
- Antibodies
- Bacteriophages and phage-derived enzymes
- Immunomodulating agents
- Microbiome-modulating agents
- Miscellaneous
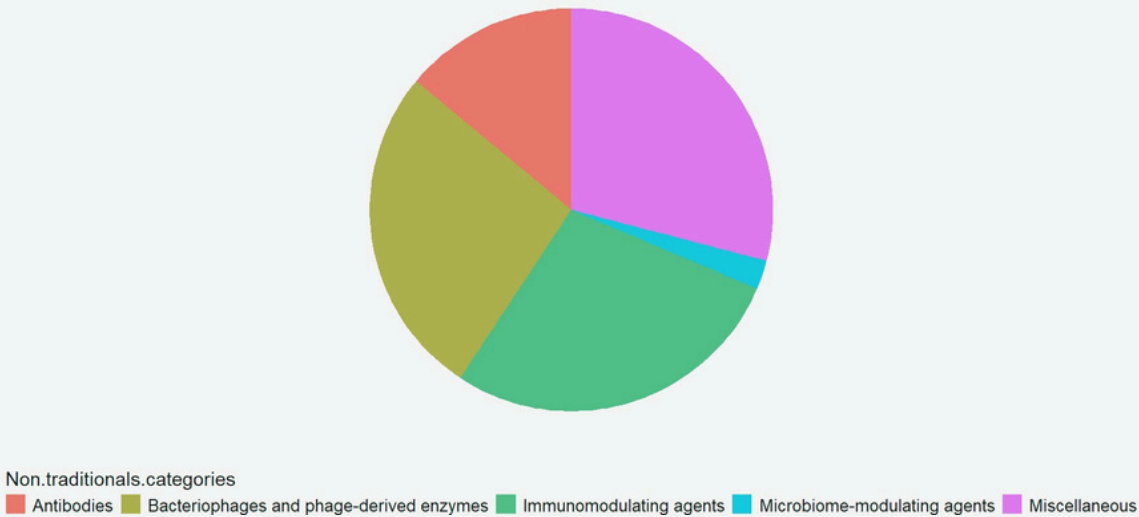
"The effect of every category on pathogens"

Pathogen Name
- Acinetobacter baumannii
- All critical priority pathogens
- Campylobacter spp.
- Critical priority pathogens
- Enterobacterales
- Enterococcus faecium
- Gram-positive priority pathogens
- Helicobacter pylori
- Neisseria gonnorhoeae
- Other priority pathogens
- Pseudomonas aerugino
- Staphylococcus aureus

"The plot displays the impact of five categories of non-traditional products on various pathogens. Each category is mapped to the specific pathogens it affects, clearly illustrating the relationships and highlighting which products are effective against particular pathogens"

Effect of Rhu-pGSN and AB103 on Pathogens

Pathogen Name
- Acinetobacter baumannii
- All critical priority pathogens
- Campylobacter spp.
- Critical priority pathogens
- Enterobacterales
- Enterococcus faecium
- Gram-positive priority pathogens
- Helicobacter pylori
- Neisseria gonnorhoeae
- Other priority pathogens
- Pseudomonas aeruginos
- Staphylococcus aureus

"The immunomodulating agent `Rhu-pGSN` has demonstrated efficacy against all tested pathogens, indicating its broad-spectrum activity in enhancing the immune response."