## Structure of RDS Analyst

A BRIEF TOUR

### Why

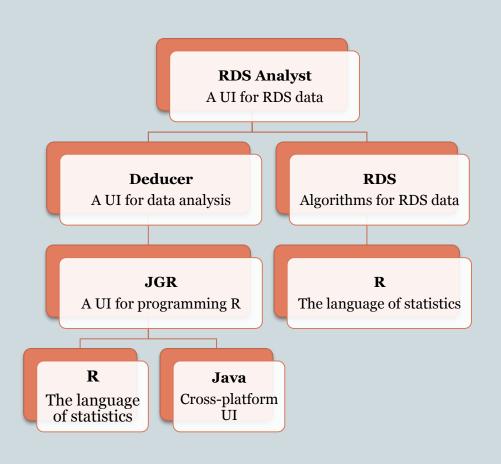
- Lack of a tool for field researchers that is:
  - o Easy to use.
  - o Scriptable.
  - Supports the latest methods and diagnostics.

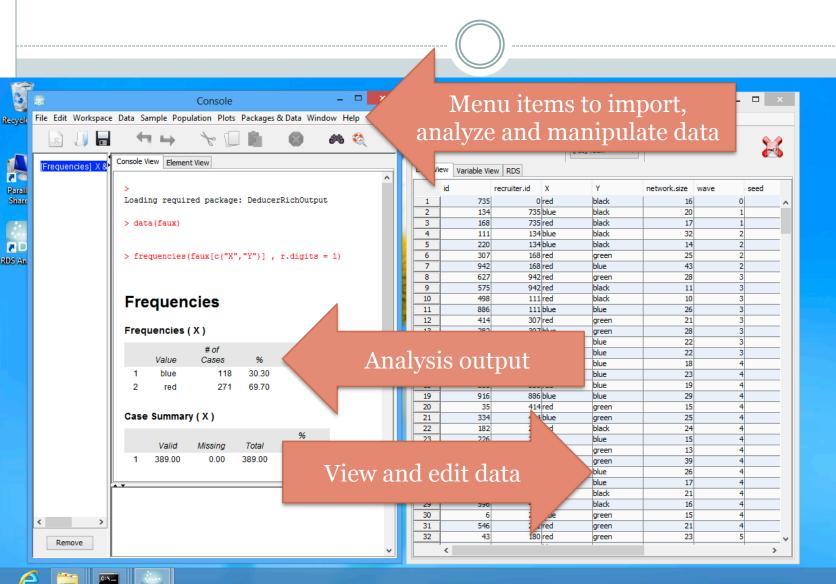
 Bridging the gap between statistical researchers and public health officials.

# RDSAT But isn't their already a program?

- Doesn't implement the latest estimation methods (e.g. Gile's SS estimator).
- Doesn't implement the latest diagnostic plots (e.g. Convergence and bottleneck plots).
- Inflexible data import.
- Less than ideal UI design.
- Doesn't speak the same language as statisticians (R).
- No source code available.

#### The Structure of RDS Analyst









## SIMPLE DESIGN SHOULD HIDE COMPLEXITY

#### **BEAUTIFUL GRAPHICS**

 $DATA = \frac{1}{2} * DATA ANALYSIS$ 

#### INFORMATIVE HELP

# EMBEDDED WITHIN A LARGER DATA ANALYSIS FRAMEWORK