How to Run the Prevalence (PPV–NPV) Visualization

This guide explains how to run the interactive D3.js + Plotly prevalence visualization contained in the file prevalence.html on macOS and Windows systems using a local HTTP server.

1. Save All Required Files

Place the following files in the SAME folder:

• prevalence.html

• tests.csv

Example folder path (macOS):

/Users/JohnDoe/CSE6242/Project/PrevalenceVisual/

2. Open Terminal or Command Prompt

Navigate to the folder where the files are stored.

macOS Terminal:

cd "/Users/JohnDoe/CSE6242/Project/PrevalenceVisual/"

Windows Command Prompt:

cd "C:\Users\JohnDoe\CSE6242\Project\PrevalenceVisual"

3. Start a Local HTTP Server

Run the following command:

python3 -m http.server 8000

(On Windows, you may need: python -m http.server 8000)

4. Open Your Browser

Enter the following URL:

http://localhost:8000/prevalence.html

This will load the prevalence tool with sliders for sensitivity, specificity, and prevalence, along with PPV/NPV charts.

If visuals do not appear, verify:

• All files are in the same directory as the HTML file.

• The local server is running on port 8000.

• The browser URL exactly matches the filename.