

# Quick Start Guide: Using the MNOA Tool Online

## Introduction

The Medication Name Overlap Analyzer (MNOA) is a web-based research tool developed to analyze lists of medication names for character-level ambiguity. This guide provides step-by-step instructions for end-users to access and utilize the live web application. No installation or technical setup is required.

This guide will cover:

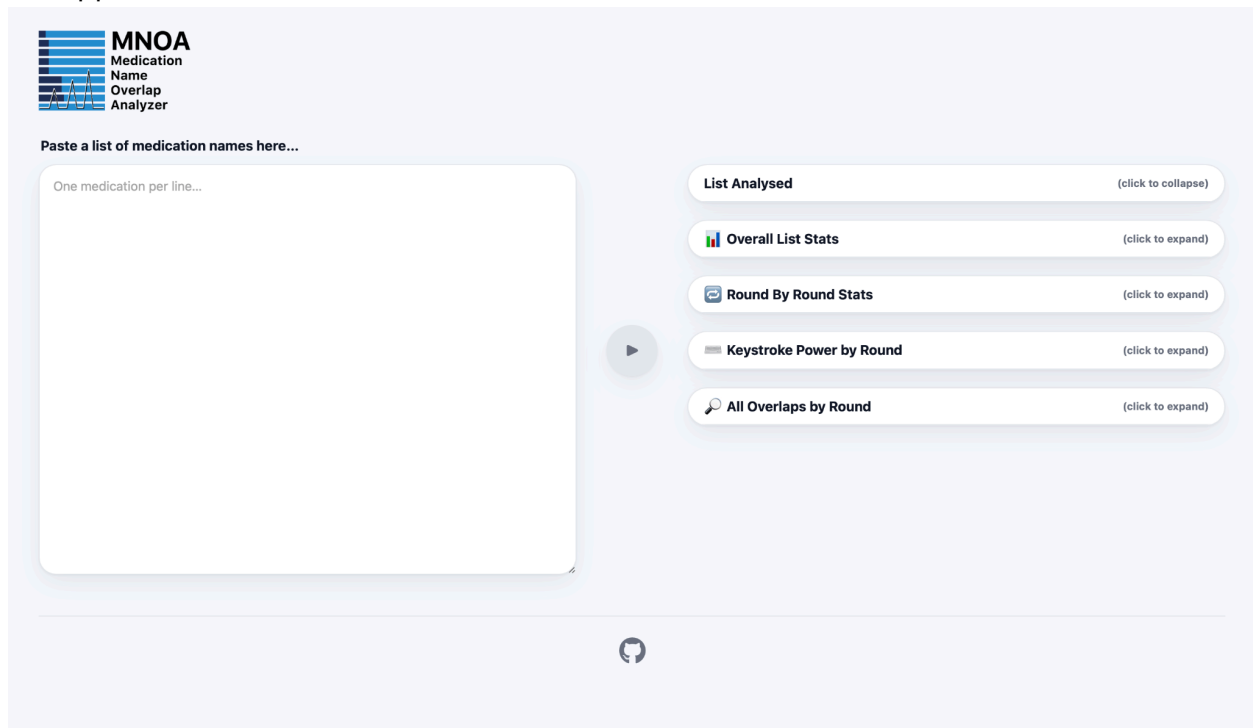
- Accessing the live MNOA tool via its web link.
- Preparing and inputting a medication list for analysis.
- Running the analysis.
- Interpreting the primary results.

## Step 1: Open the MNOA Website

Open your web browser and go to the following URL:

[<https://mnoa-a89d0fe66bed.herokuapp.com/>]

The application will load and look like this:



The screenshot shows the MNOA web application interface. On the left, there is a large text input area with the placeholder text "One medication per line...". Above this input area, the text "Paste a list of medication names here..." is displayed. To the right of the input area, there is a vertical sidebar containing five expandable/collapsible sections: "List Analysed", "Overall List Stats", "Round By Round Stats", "Keystroke Power by Round", and "All Overlaps by Round". Each section has a small icon and a "(click to expand)" or "(click to collapse)" label. At the bottom center of the interface, there is a GitHub logo.

## Step 2: Get Your List of Medication Names

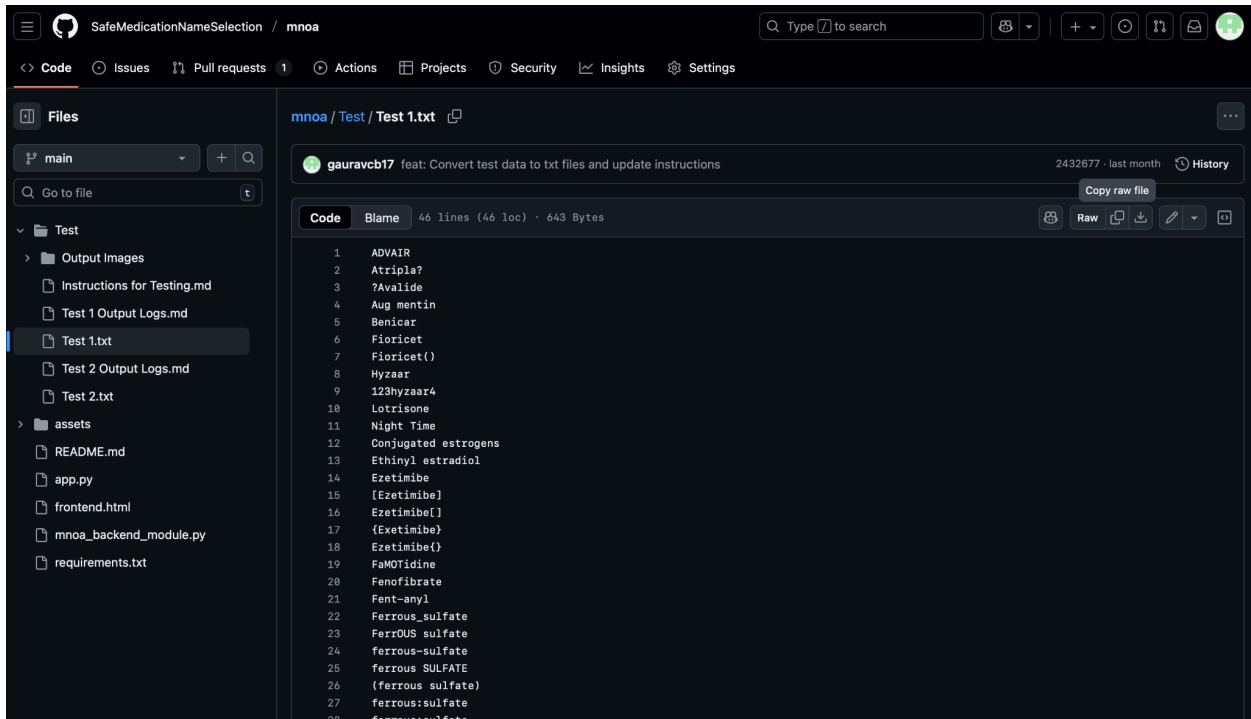
You have two options for getting a list of names to analyze:

### Option A: Use Your Own List

1. Prepare your list of medication names (e.g., in a text file, spreadsheet, or document).
2. Select all the names on your list.
3. Copy the selected names to your clipboard (Ctrl+C / Cmd+C).

### Option B: Use the Provided Test Files from GitHub

1. Go to the project's GitHub repository:  
<https://github.com/SafeMedicationNameSelection/mnoa>
2. Click on the Test folder in the file list.
3. Click on either Test 1.txt or Test 2.txt.
4. On the file view page, click the "Copy raw contents" button (it looks like two overlapping squares) located at the top right of the file content area. This copies the entire list to your clipboard.

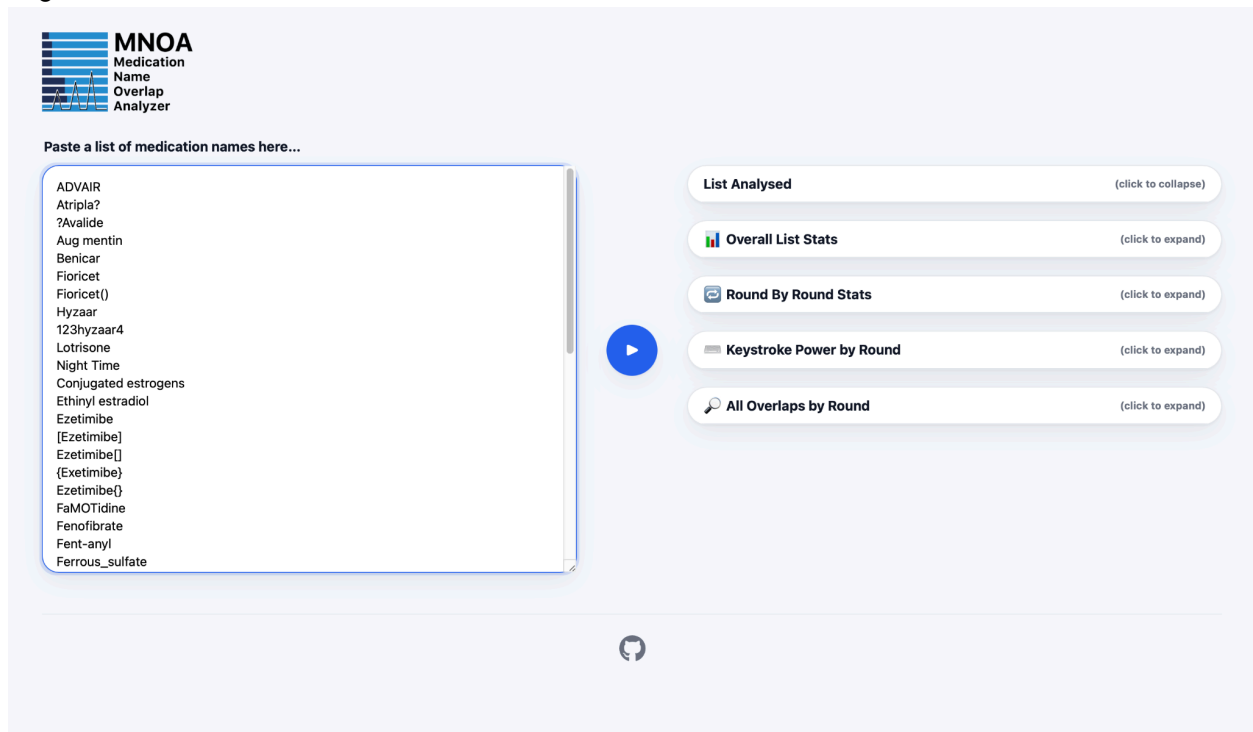


The screenshot shows the GitHub repository page for `SafeMedicationNameSelection / mnoa`. The left sidebar displays the file tree with the `Test` folder expanded, showing `Test 1.txt` selected. The main content area shows the file view for `mnoa / Test / Test 1.txt`. The file content is displayed as a list of medication names, each on a new line, numbered 1 through 28. The file is 46 lines (46 loc) and 643 Bytes. A "Copy raw file" button is visible in the top right corner of the file content area.

```
1 ADVAIR
2 Atripla?
3 ?Avalide
4 Aug mentin
5 Benicar
6 Fioricet
7 Fioricet()
8 Hyzaar
9 123hyzaar4
10 Lotrisone
11 Night Time
12 Conjugated estrogens
13 Ethinyl estradiol
14 Ezetimibe
15 [Ezetimibe]
16 Ezetimibe[]
17 {Ezetimibe}
18 Ezetimibe{}
19 FaMOTidine
20 Fenofibrate
21 Pent-anyl
22 Ferrous_sulfate
23 Ferrous sulfate
24 ferrous-sulfate
25 ferrous SULFATE
26 (ferrous sulfate)
27 ferrous:sulfate
28 ferrous:sulfate
```

### Step 3: Paste Your List into the Tool

Go back to the MNOA website in your browser and paste your copied list directly into the large text box on the left (Ctrl+V / Cmd+V).



**MNOA**  
Medication  
Name  
Overlap  
Analyzer

Paste a list of medication names here...

ADVAIR  
Atripla?  
?Avalide  
Aug mentin  
Benicar  
Fioricet  
Fioricet()  
Hyzaar  
123hyzaar4  
Lotrisone  
Night Time  
Conjugated estrogens  
Ethinyl estradiol  
Ezetimibe  
[Ezetimibe]  
Ezetimibe[]  
{Ezetimibe}  
Ezetimibe{}  
FaMOTidine  
Fenofibrate  
Fent-anyl  
Ferrous\_sulfate

▶

List Analysed (click to collapse)

Overall List Stats (click to expand)

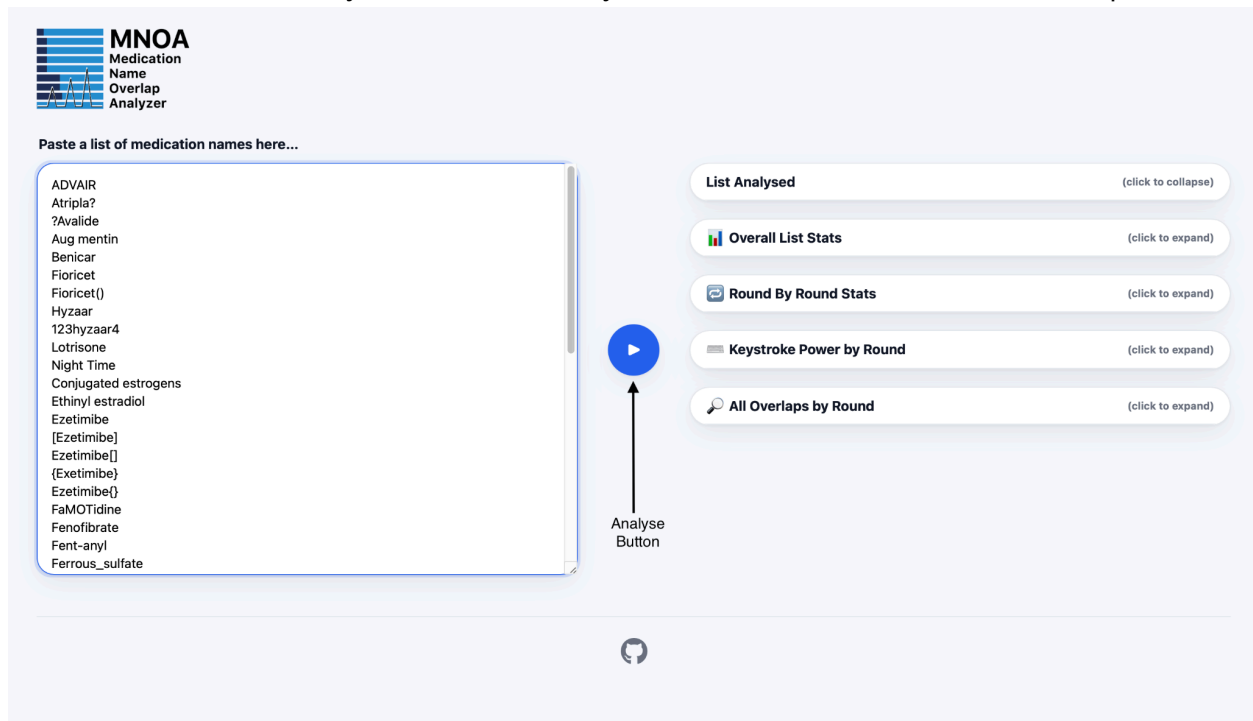
Round By Round Stats (click to expand)

Keystroke Power by Round (click to expand)

All Overlaps by Round (click to expand)

### Step 4: Run the Analysis

Click the round blue "Analyze" button (the ▶ symbol) located between the two main panels.



**MNOA**  
Medication  
Name  
Overlap  
Analyzer

Paste a list of medication names here...

ADVAIR  
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?Avalide  
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Benicar  
Fioricet  
Fioricet()  
Hyzaar  
123hyzaar4  
Lotrisone  
Night Time  
Conjugated estrogens  
Ethinyl estradiol  
Ezetimibe  
[Ezetimibe]  
Ezetimibe[]  
{Ezetimibe}  
Ezetimibe{}  
FaMOTidine  
Fenofibrate  
Fent-anyl  
Ferrous\_sulfate

▶

List Analysed (click to collapse)

Overall List Stats (click to expand)

Round By Round Stats (click to expand)

Keystroke Power by Round (click to expand)

All Overlaps by Round (click to expand)

Analyse Button

## Step 5: View Your Results

The analysis will run instantly. The results will appear in the panels on the right side of the screen. You can click on the different section headers (like "Overall List Stats", "Round By Round Stats") to expand and view the details.

**MNOA**  
Medication  
Name  
Overlap  
Analyzer

Paste a list of medication names here...

ADVAIR  
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?Avalide  
Aug mentin  
Benicar  
Fioricet  
Fioricet()  
Hyzaar  
123hyzaar4  
Lotrisone  
Night Time  
Conjugated estrogens  
Ethinyl estradiol  
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[Ezetimibe]  
Ezetimibe[]  
{Ezetimibe}  
Ezetimibe{}  
FaMOTidine  
Fenofibrate  
Fent-anyl  
Ferrous\_sulfate

▶

List Analysed (click to collapse)

Overall List Stats (click to expand)  
Number of med names provided = 46  
Number of med names analysed = 43  
Most Powerful Keystroke = 8

Round By Round Stats (click to expand)

Keystroke Power by Round (click to expand)

All Overlaps by Round (click to expand)

### Understanding the Results (Simple View):

- **List Analysed:** Shows the final, cleaned list of names analyzed.
- **Overall List Stats:** Tells you how many names you started with and how many were analyzed.
- **Most Powerful Keystroke:** Shows which round (character length) did the most work in telling the names apart.
- **Other Sections:** Provide more technical details.

That's it! You have successfully used the MNOA tool online to analyze your medication list.