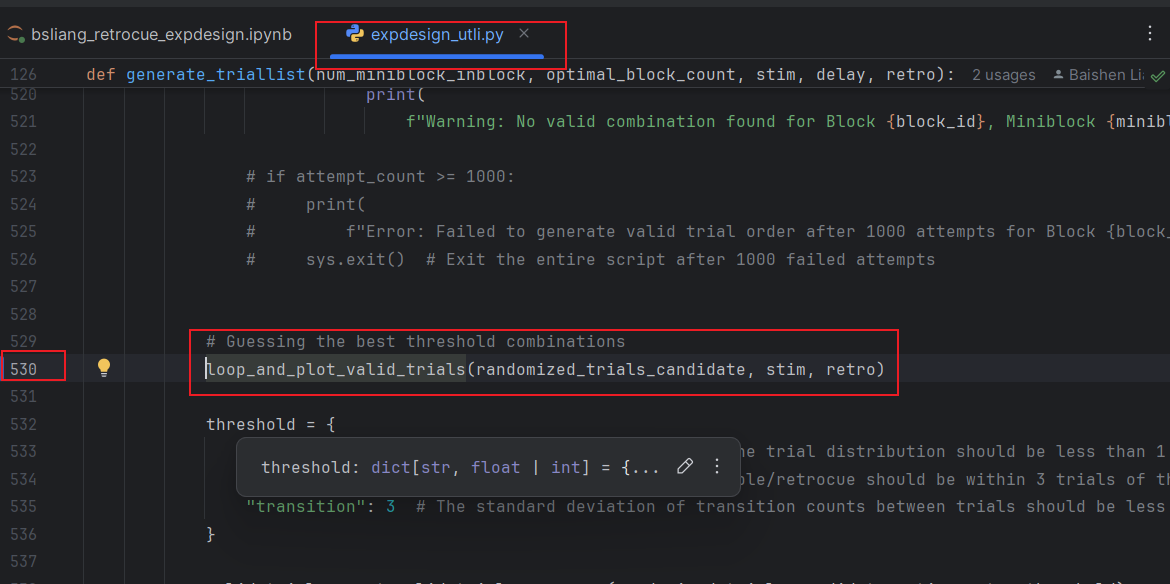
1. To estimate the thresholds

Thresholds: to define whether a given randomized trial sequence is valid in terms of uniformity, distance to the middle point, and unpredictability.

1. Switch on the loop\_and\_plot\_valid\_trials function line in the generate\_triallist

function.



1. Make a debug note to the following line

A screen shot of a computer

Description automatically generated

1. Check the looping parameters (range to find the best fit threshold)

A screen shot of a computer

Description automatically generated

1. Restart Jupyter notebook
2. Run all cell above

A screenshot of a computer program

Description automatically generated

1. And debug this cell

A screenshot of a computer

Description automatically generated

1. A graph of a graph with lines and dots

   Description automatically generated with medium confidenceEstimate the thresholds that allow SOME sequence alive but are strictest.
2. Set the thresholds

A screenshot of a computer program

Description automatically generated

1. Run and get the trial sequence
2. Restart Jupyter notebook
3. Run the main script totally

A screenshot of a computer program

Description automatically generated

1. If you want to see the histograms of balancing parameters:

A screenshot of a computer screen

Description automatically generated

Switch this on.

1. Remember to copy the output files to the ***results*** path

A screenshot of a computer

Description automatically generated