SPC-DT Feature Wishlist

1. Minimize plot overlap automatically
   1. Condense points that are near the center (ie not edges) of rectangles
2. Resizable window
3. Add frames between gray areas
4. Confusion matrix popout window
5. Show/output the worst-performing rectangle and cases that end up in it
   1. Auto-select decision area with the lowest purity (most misclassified)
6. Mark rectangles/cases as unclassifiable and/or need more data
   1. Mark borderline cases that need more information (borderline)
7. User add a classification zone
8. “Create case” where the user can enter/create their own case
9. Detect new rules based on selection
10. Output the decision tree with adjusted thresholds
11. Fix zoom / pan
12. Remove unnecessary buttons
13. Make background density coloring change while adjusting thresholds
14. While drawing a rectangle, leave markers behind to tell where clicked points are.
15. Make user-drawn rectangles draggable
16. Fix button active states
17. Put project on research assistant GitHub (nonexistent at the time of writing)
18. Make documentation

IN PROGRESS

TODO LIST

1. Fix issues with mushroom dataset