

An abstract geometric design featuring three vertical red lines and two horizontal green lines. Five gray circular dots are positioned at the intersections: one on the top red line, one on the bottom red line, one on the middle green line, and two on the rightmost green line. The text 'USER MANUAL' is centered horizontally across the middle of the image.

USER MANUAL

A 2D Interactive Visualization of K-D Tree

YILI.HOST (<https://39.105.140.9>)

Presented by Yili Wang & Xinyang Zheng

press it first!

Start

Rebalance

Clear

**click to add a point
at anywhere you want!**



Start

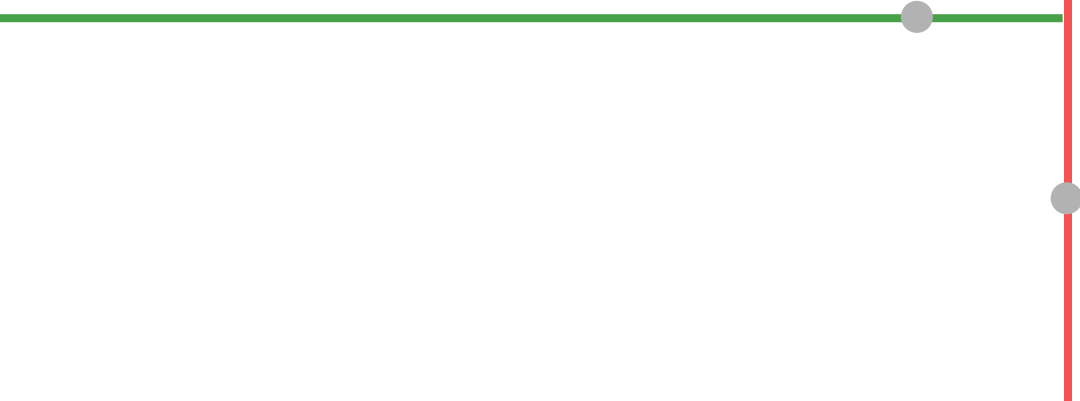
Rebalance

Clear

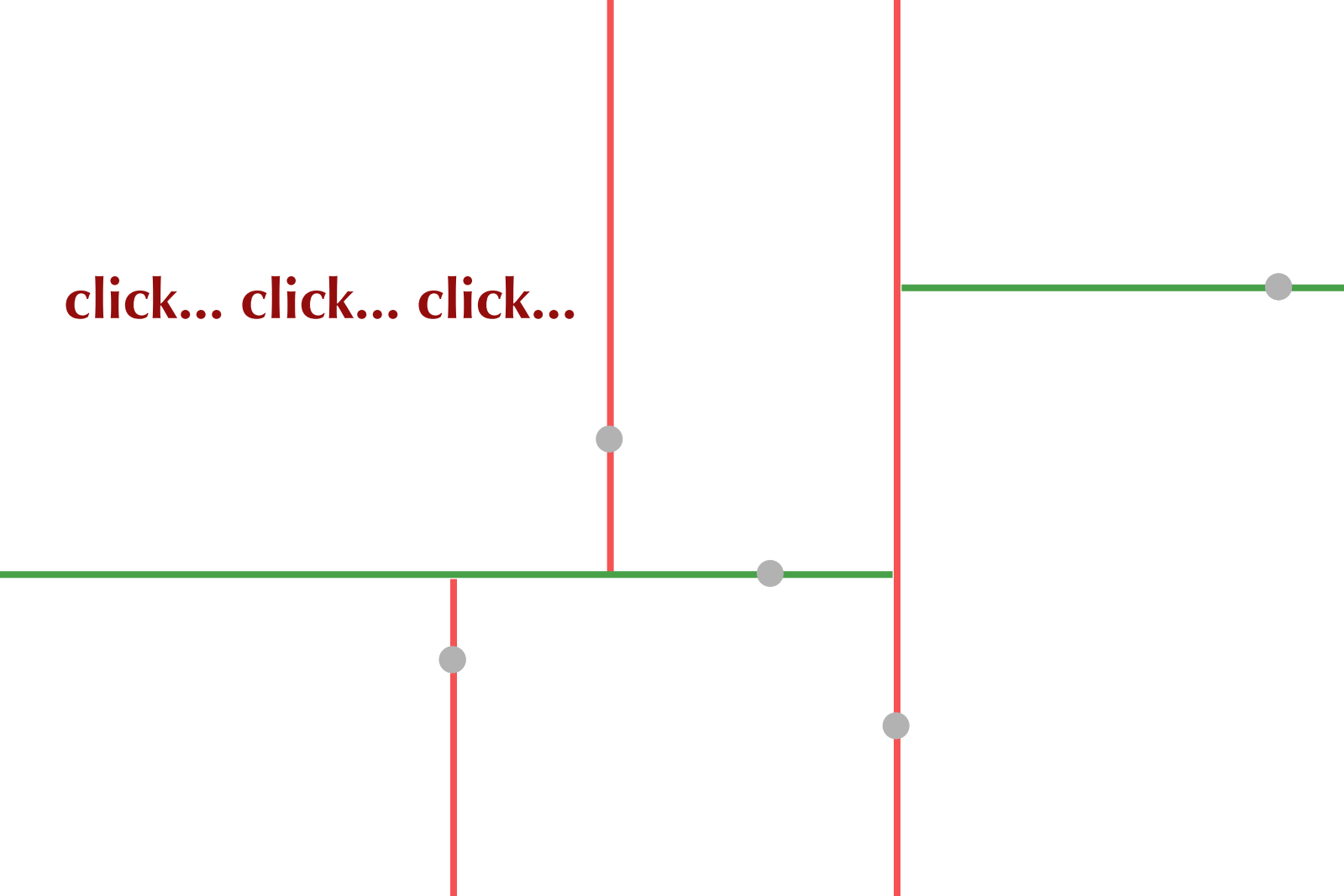


click once

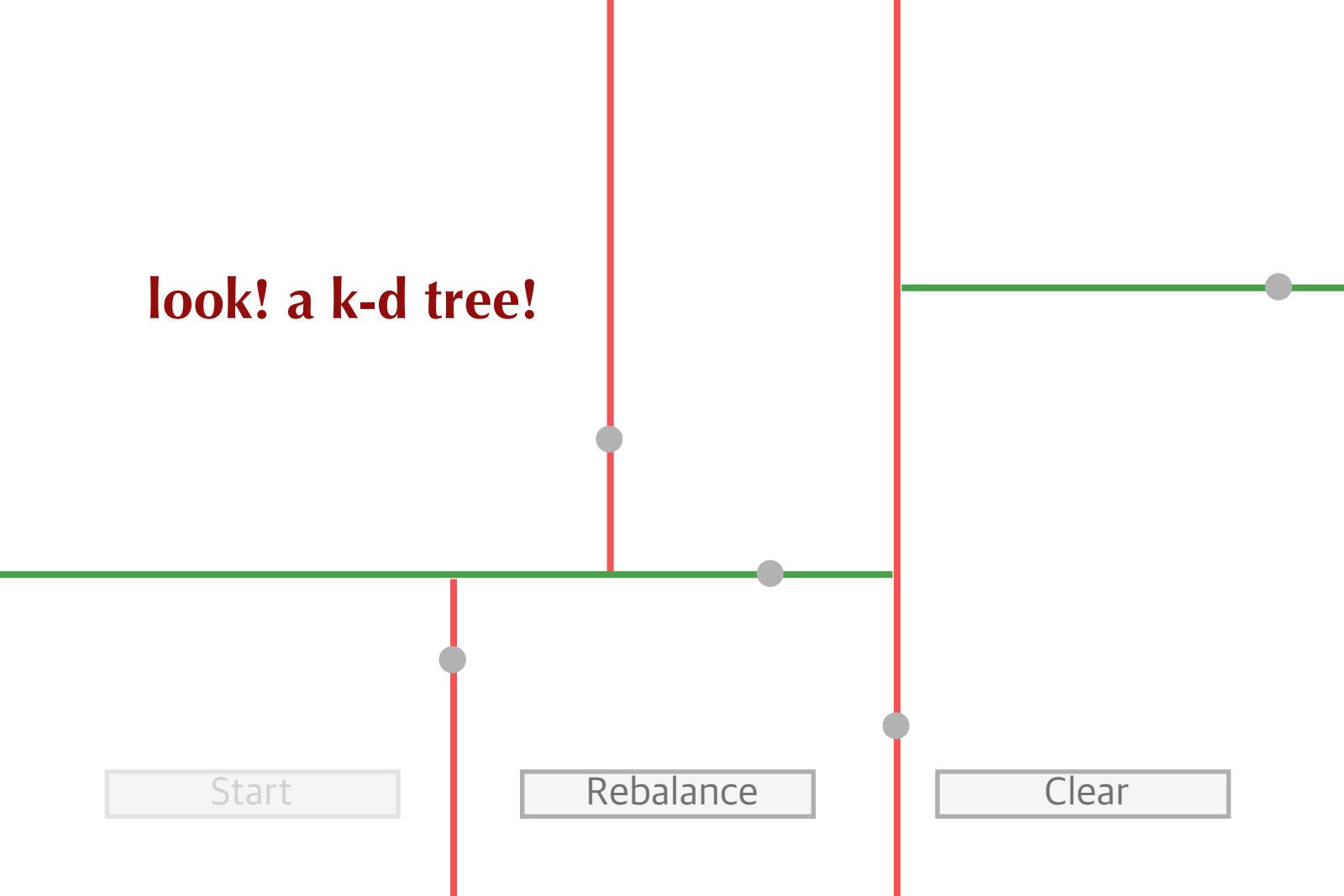
click twice



click... click... click...



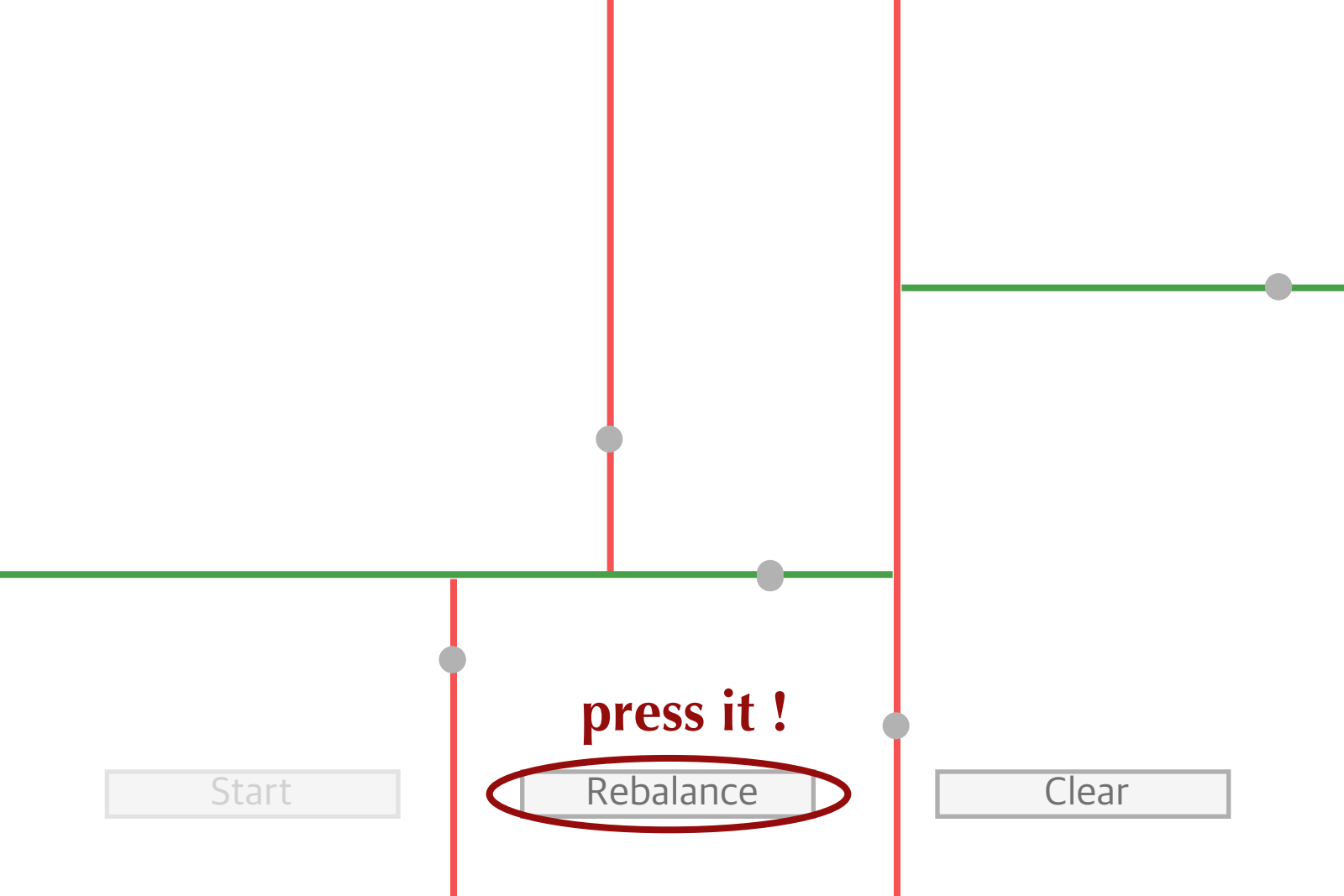
look! a k-d tree!



Start

Rebalance

Clear

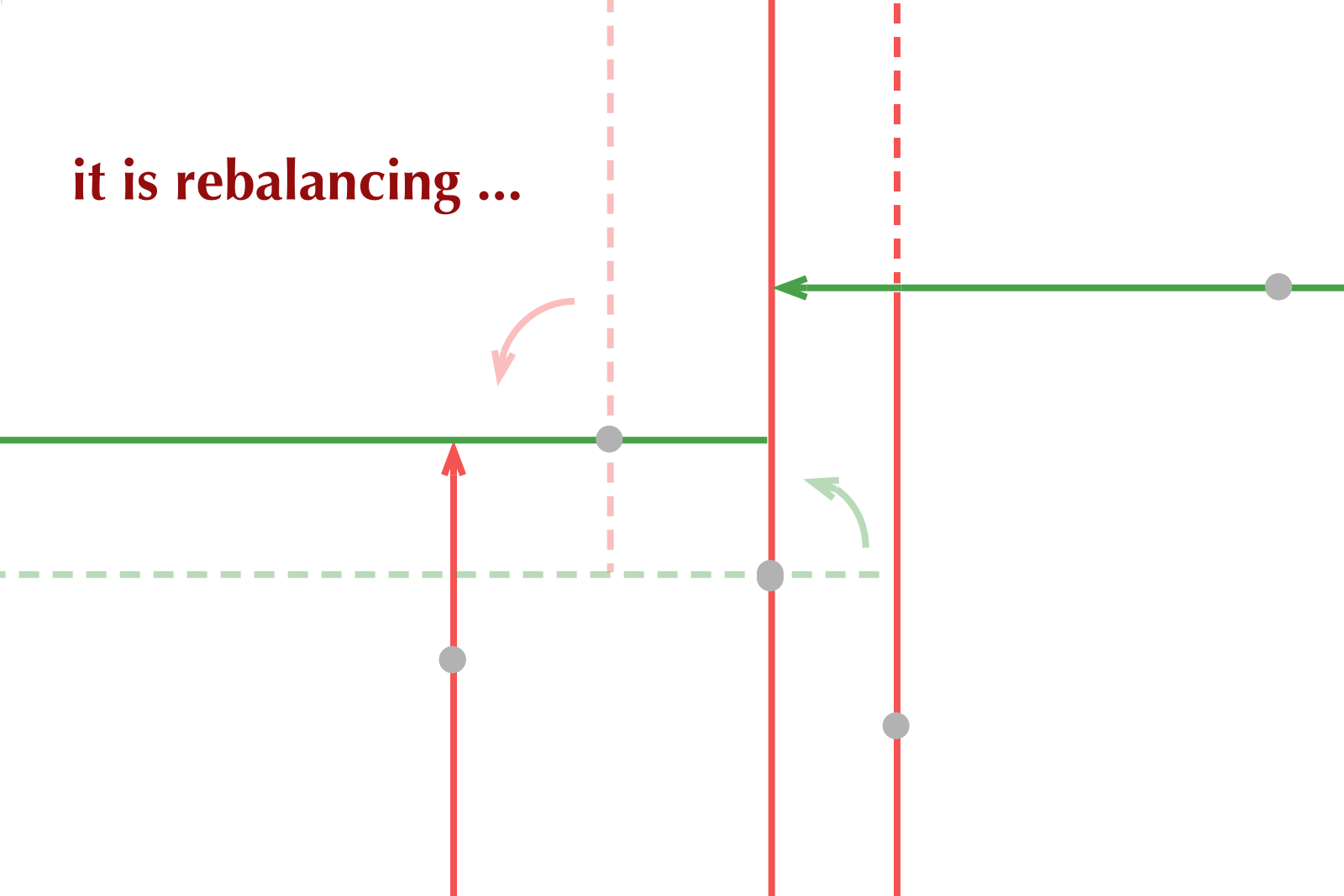


Start

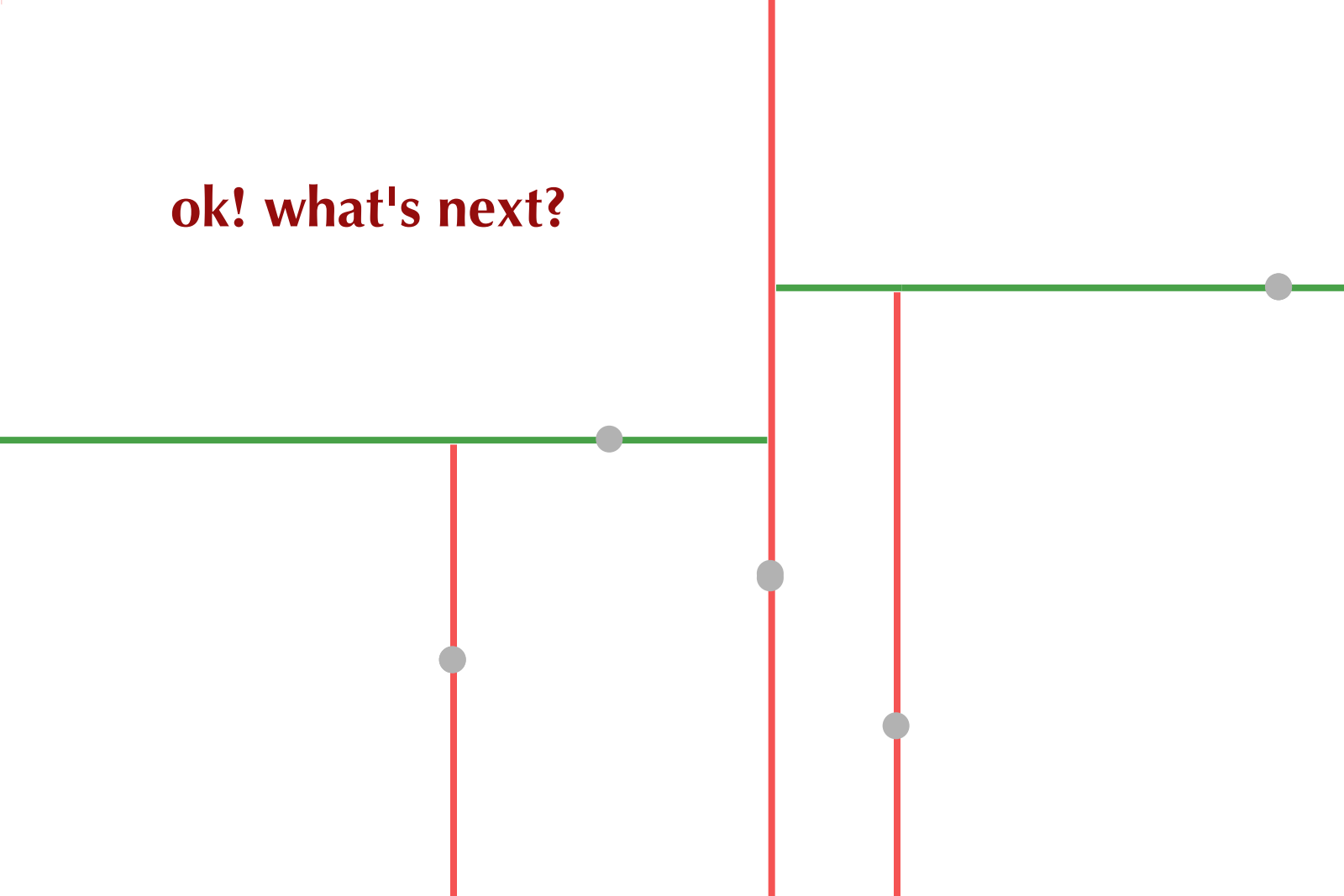
Rebalance

Clear

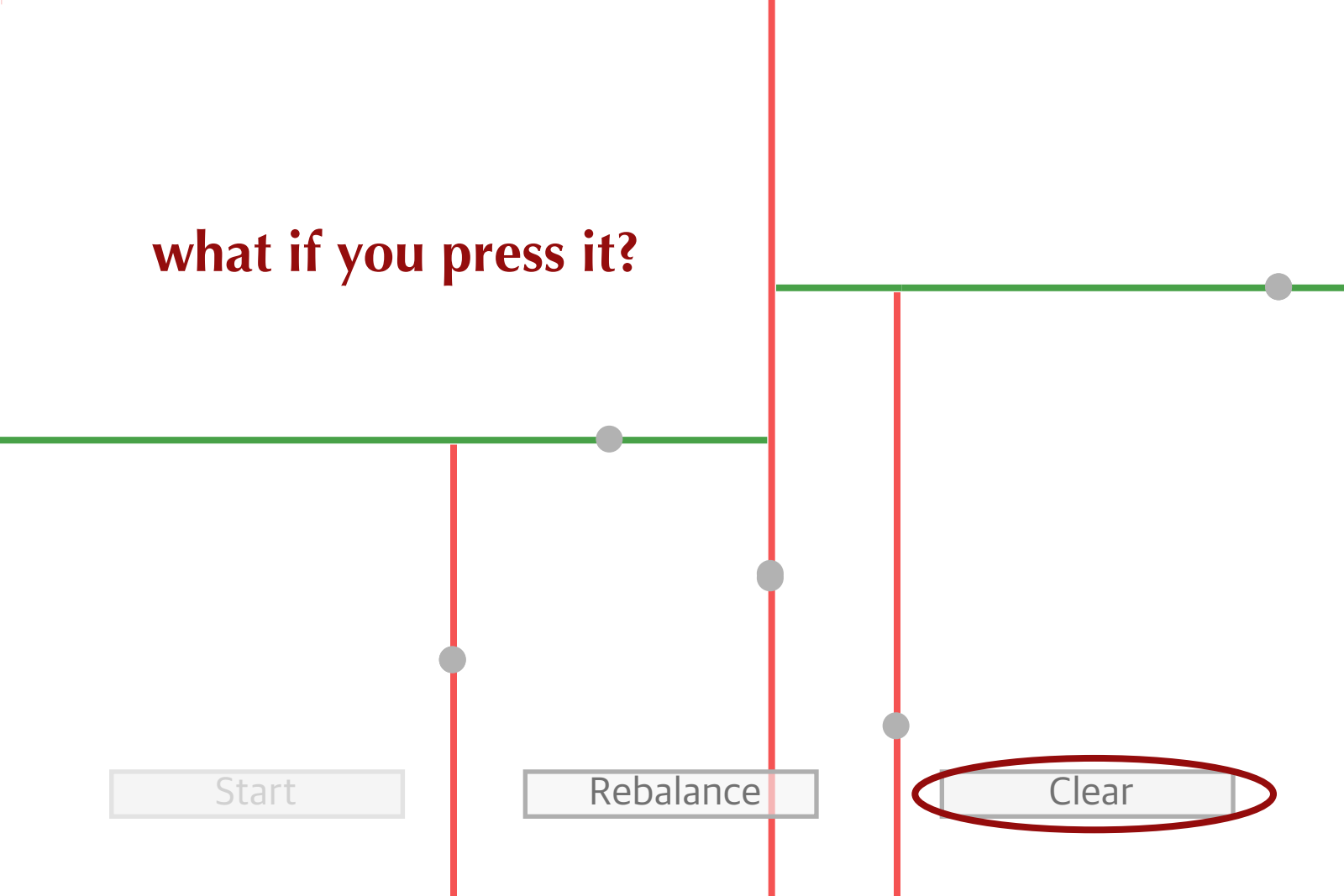
it is rebalancing ...



ok! what's next?



what if you press it?



it is all gone!

Start

Rebalance

Clear

**But stay tuned ...
To build another tree
You must press what?**

Start

Rebalance

Clear

You got it!

Start

Rebalance

Clear

**To Report Bugs...
Please Contact Us!**

Email: wangyili20@mails.tsinghua.edu.cn
zxy20@mails.tsinghua.edu.cn