

Simple syntax highlighted & preview

Preview

Note: Remember that this is only a preview, and has not yet been saved!

1. Text output

This code:

```
{R()}1:10{R}
```

Produces:

```
[1] 1 2 3 4 5 6 7 8 9 10
```

The screenshot shows a rich text editor interface with two tabs: 'Edit page' and 'Properties'. The 'Edit page' tab is active. The editor's toolbar includes various icons for text formatting (bold, italic, underline, strikethrough), alignment, bulleted and numbered lists, indentation, and links. The main text area contains the following content:

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This code:
{CODE(colors="rsplus")}
{R()}1:10{R}
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Produces:
{R()}1:10{R}
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The rendered output of the code is shown below the editor:

```
[1] 1 2 3 4 5 6 7 8 9 10
```

Escaping Wiki syntax

```
{R(wikisyntax=>0)}cat("__hello__"){R}
```

```
__hello__
```



Parsing Wiki Syntax

```
{R(wikisyntax=>1)}cat("__hello__"){R}
```

```
hello
```



Simple Interface: list runs/datasets

[List raw datasets](#)[Results](#)[Edit dataset \(if chosen\)](#)[Insert new dataset](#)[No Tabs](#)

List raw datasets

Summary	Description	From user	Dataset file	Minimum value for axis X	Maximum value for axis X	LastModif
Sample dataset	This dataset was created as part of the sample data for r_test.	admin		1	10	2013-08-30 17:37
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Simple interface: Results for one run/dataset

[List raw datasets](#)[Results](#)[Edit dataset \(if chosen\)](#)[Insert new dataset](#)[No Tabs](#)

Results

Values for X:

min: 1

max: 10

Those are the results:

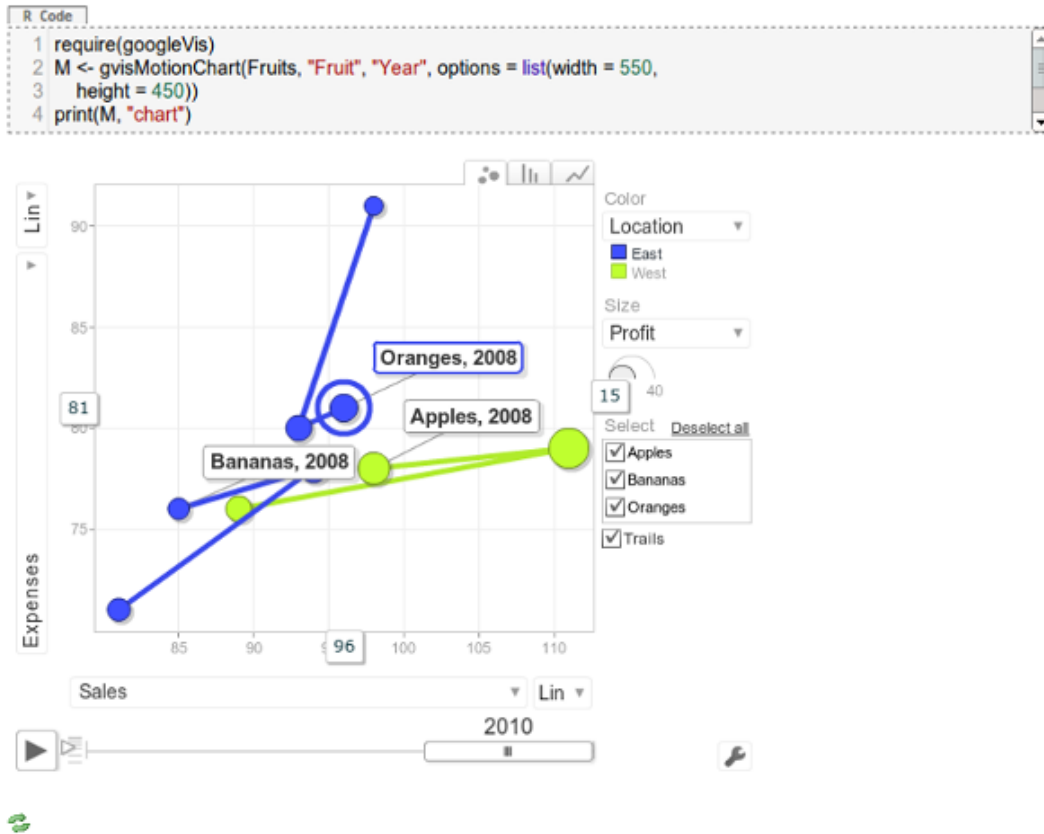
Results from 1*10: 10

No attachment to display in this raw dataset

Graph with xmin 1 & xmax 10 and $y=x^2$



Sample wiki page with R code and chart generated



Optional pop up helpers to edit plugin calls based on GUI

1. Basic ima

```
RR Code
```

```
1 if(!require(Cairo))
2   install.packages("Cairo")
3 }
```



```
R Code
```

```
1 x<-c(1:10)
2 y <- x*x
3 plot(x,y)
```

RR (R syntax also)

Same as PluginR, but allowing the execution of potentially dangerous commands once the admin has validated

echo

Yes ▾

Show a code block with the R commands to be run before running them (similarly to the echo command)

wikisyntax

▾

Choose whether the output should be parsed as wiki syntax (Optional). Options: 0 (no parsing, default), 1 (p

LoadAndSave

Yes ▾

Load a previous R user session (.RData, if any) for the same wiki page so that R object will be used while you trackers are used (wiki pages with itemId), the R session data (.RData) will be shared for the same itemId acro

R Code

```
1 if(!require(Cairo)){
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3 }
```

Nice word clouds from just a few lines of R code



Mobile display mode when needed



bigger font size and buttons for human fingers in mobile devices

rCharts

rCharts is an R package to create, customize and publish interactive javascript visualizations from R using a familiar lattice style plotting interface. It has been created by [Ramnath Vaidyanathan](#). See more here: <http://rcharts.io/>



Below you will find a series of examples of nice charts using rCharts <http://rcharts.io> and the corresponding javascript library used in each case.

Page contents:

- [Introduction](#)
- [Examples](#)
- [Credits](#)
- [License](#)

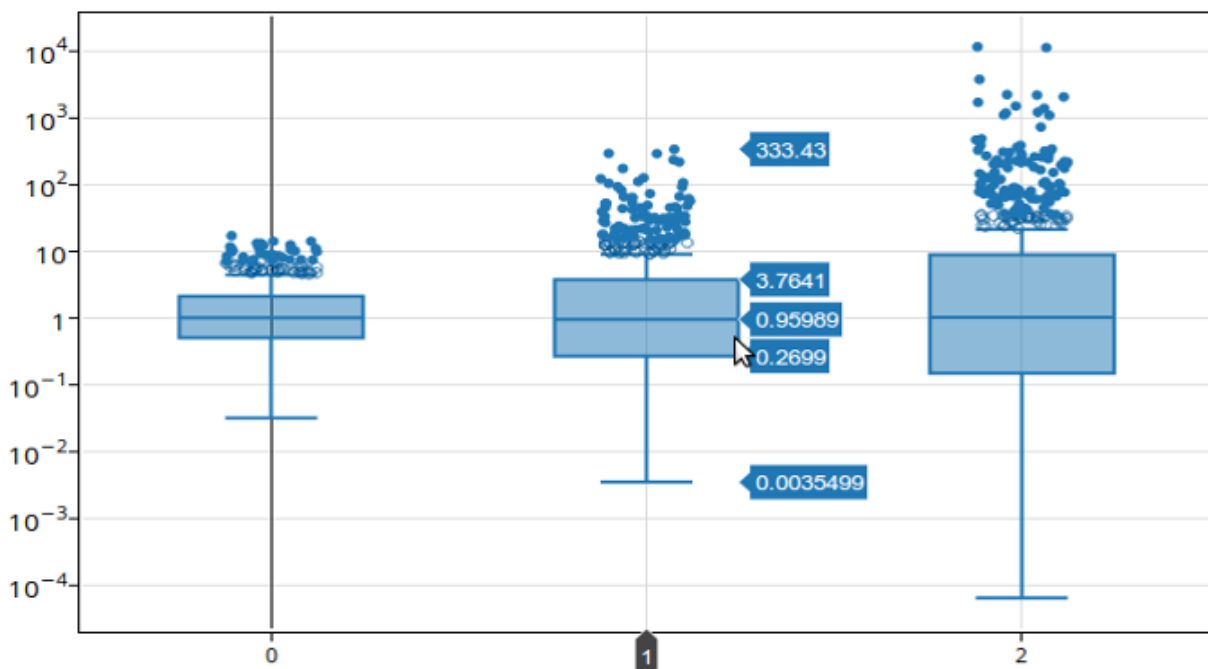
Custom maps with GoogleVis

```
10 G5 <- gvisGeoMap(CiudadPopular, locationvar='Ciudad', numvar='Popular',
11                 options=list(region='ES', height=350,
12                             dataMode='markers',
13                             colors='[0xFF8747, 0xFFB581, 0xc06000]'))
14
15 # plot(G5)
16 print(G5, "chart")
```

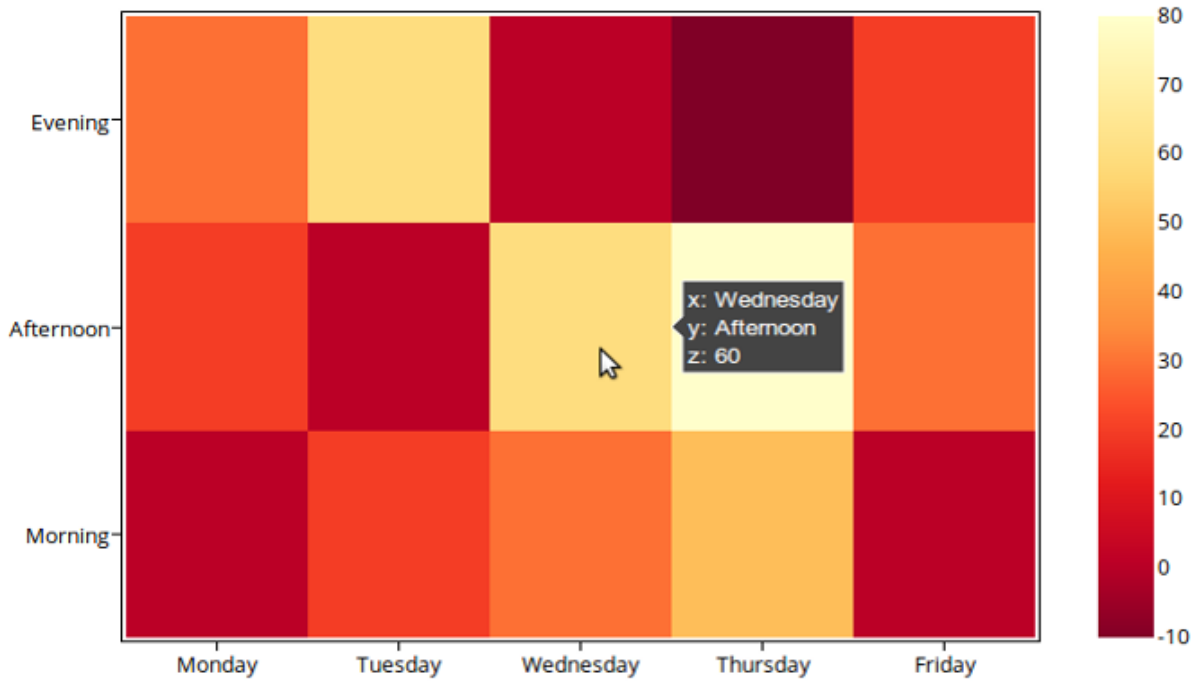


Embedded plot.ly charts

Fun with the Lognormal distribution



Embedded plot.ly charts: Heatmaps



Custom output for higher control on figure results (pdf)

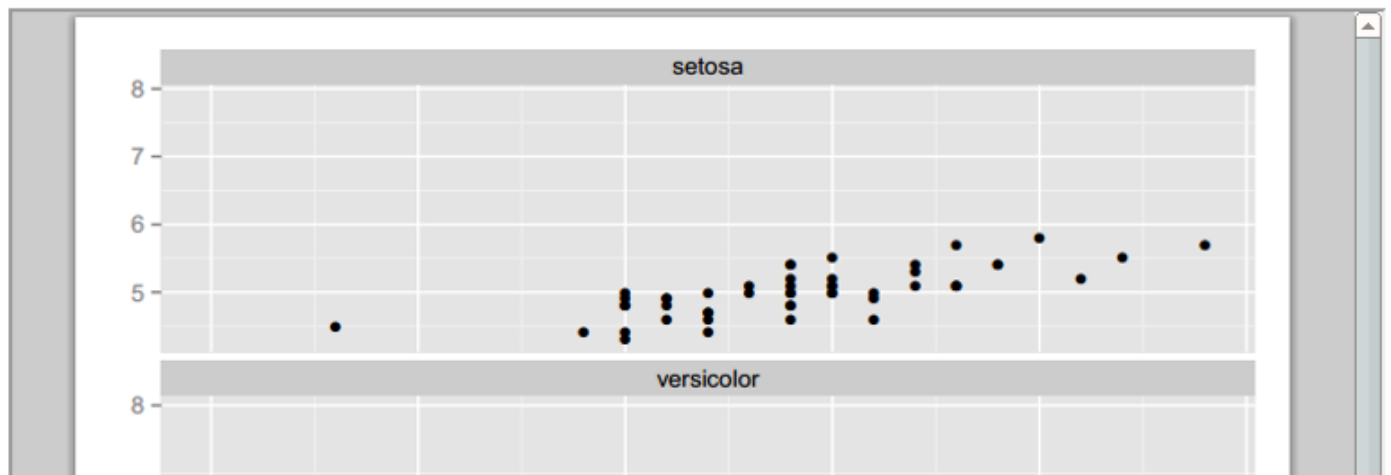
```

10 device.height = convertHeight(sum(g[["heights"]]), "in", valueOnly=TRUE)
11 pdf("testr.pdf", height = device.height)
12 grid.draw(g)
13 invisible(dev.off())
    
```

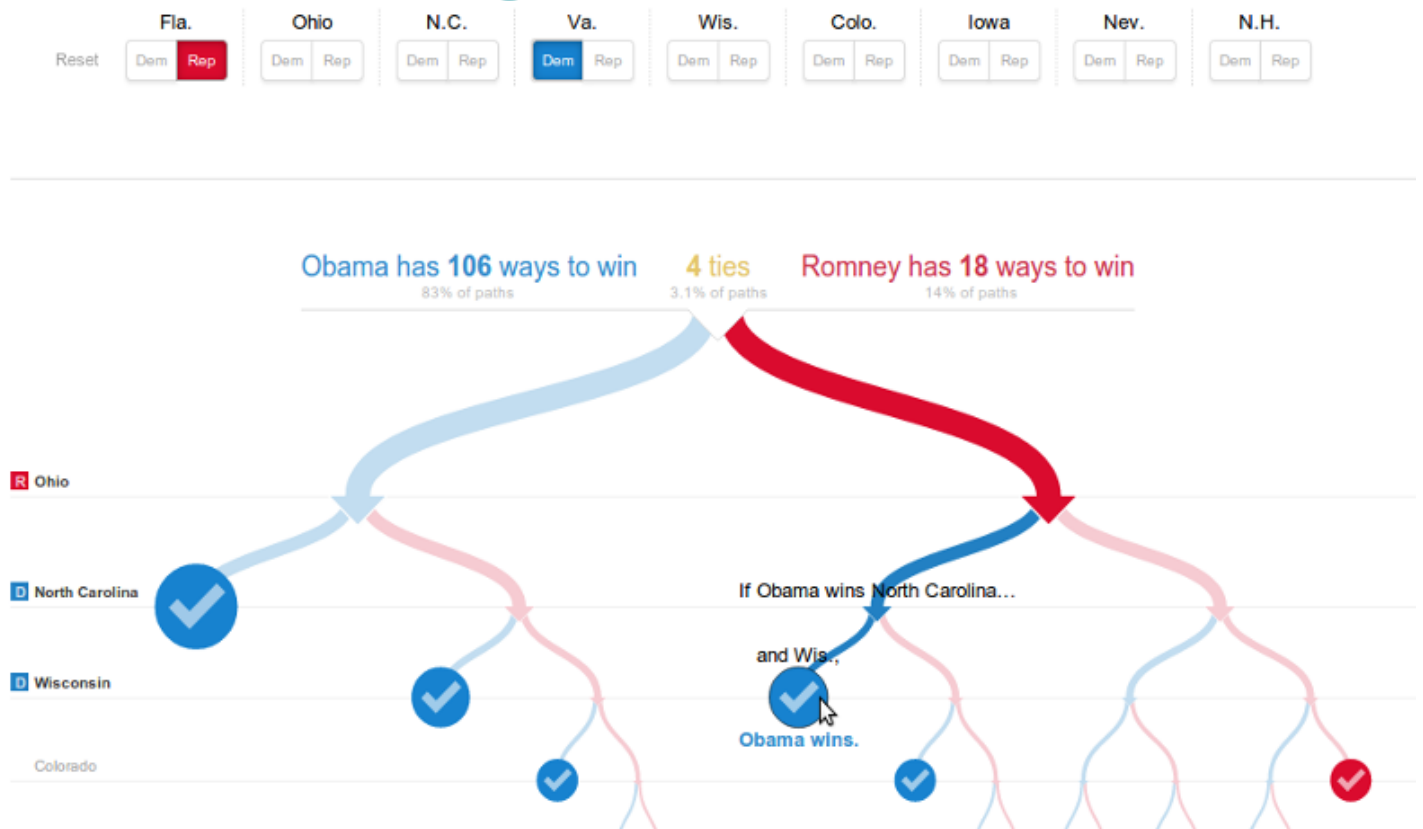


```

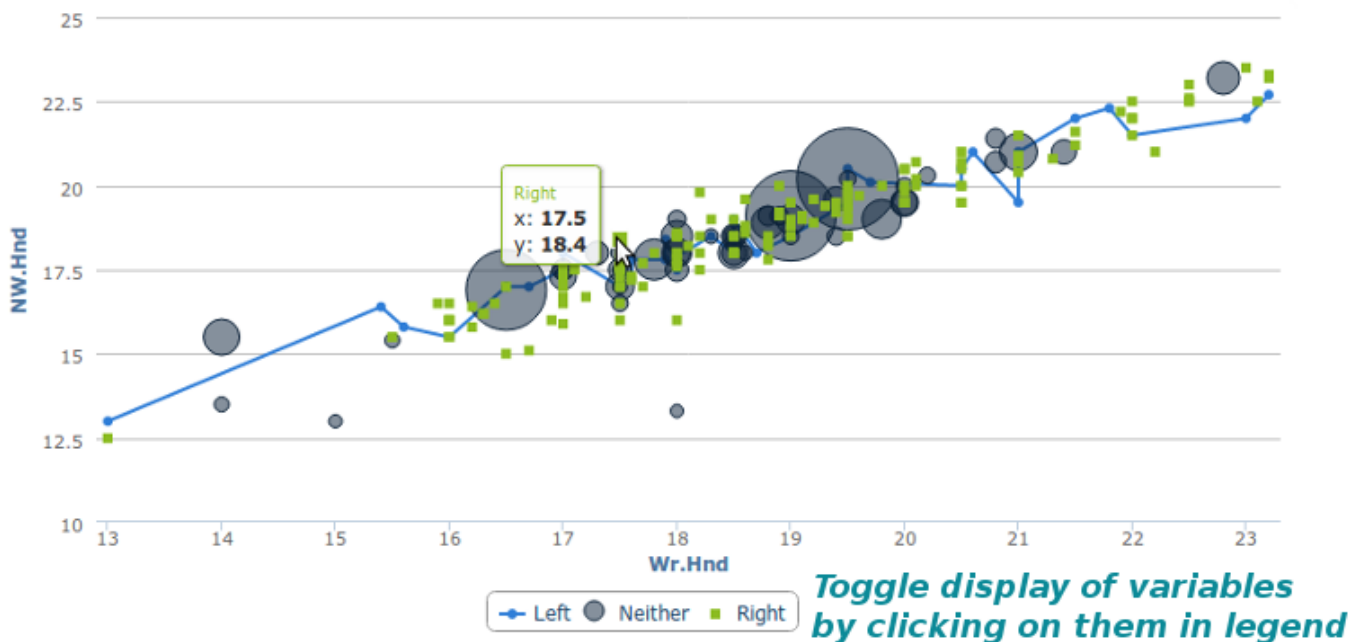
{mediaplayer fullscreen="true" src="temp/cache/r.tiki.org/R_r_test08_customoutput/testr.pdf" width="100%" height="600px" style="normal" wmode="transparent"}
    
```



rCharts Interactive figures: NYT 512 Paths to White House

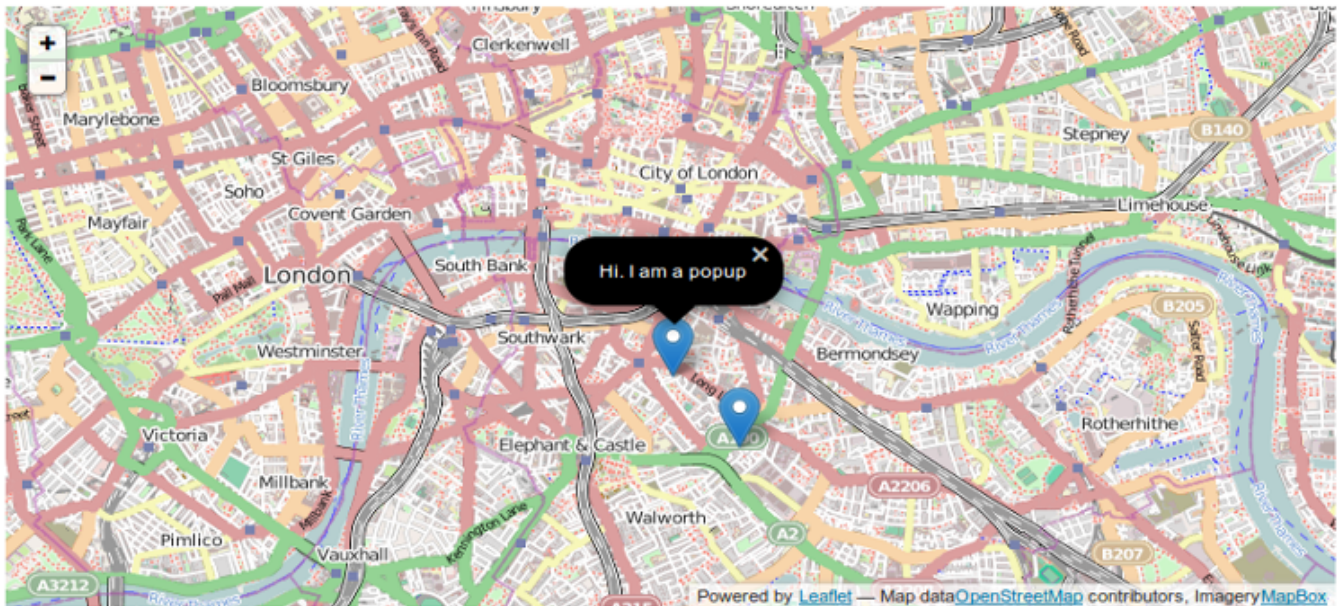


rCharts: show data on hover & control vars. displayed



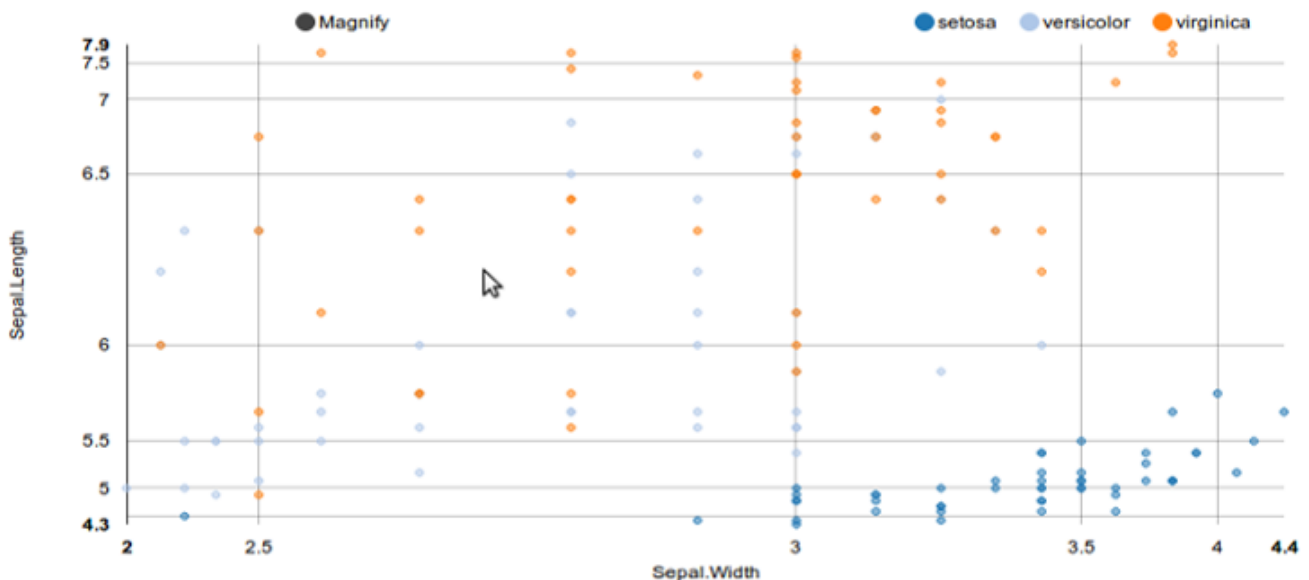
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10 #map3$sprint("chart7")
11 map3$LIB[2] <- "http://r.tiki.org/rcharts_libraries/leaflet"
12 map3$save("map3.html")
```

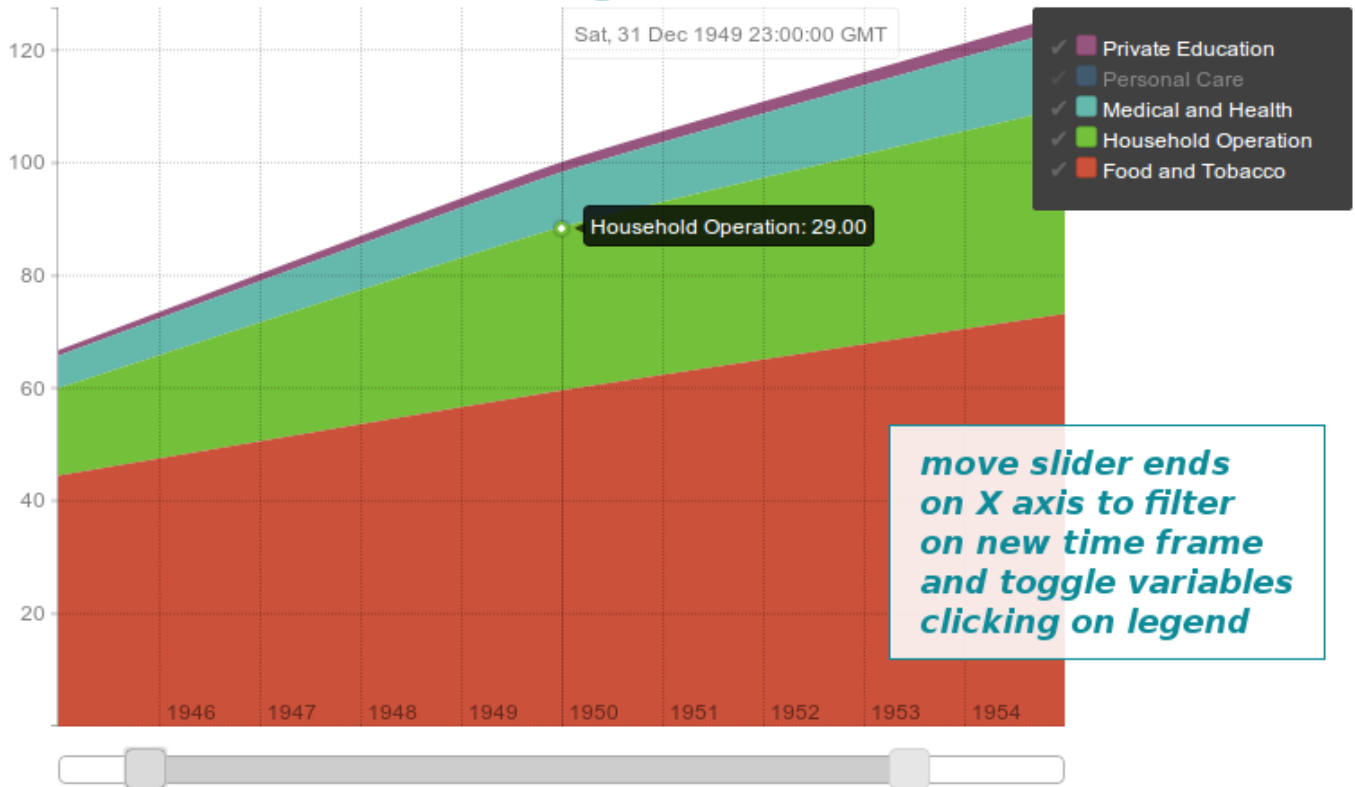


rCharts: Interactive magnification of figure regions

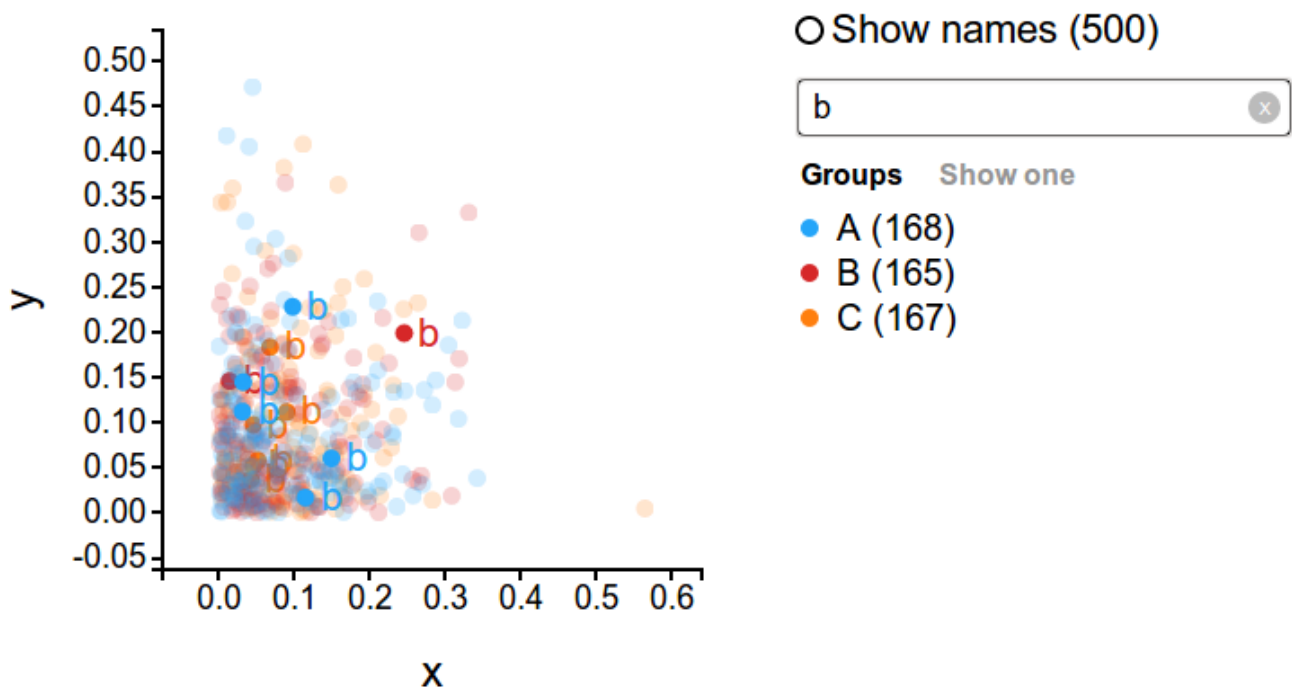
```
9 n2 <- nPlot(Sepal.Length ~ Sepal.Width, data = sepal, type = "scatterChart",
10 group = "Species")
11 n2$xAxis(axisLabel = "Sepal.Width") # add x axis label
12 n2$yAxis(axisLabel = "Sepal.Length")
13 #n2$sprint("nvd3Scatter")
14
15 n2$LIB[2] <- "http://r.tiki.org/rcharts_libraries/nvd3"
16 n2$save("n2.html")
```



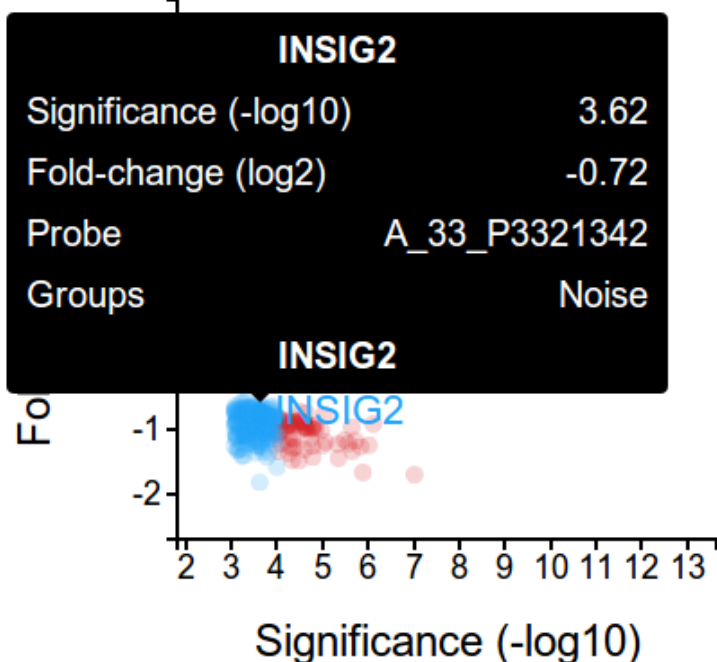
rCharts: Select time range on X and vars on Y



Clickme: Interactive filtering charts by point names



Clickme: highlight data points with partial filter match



Show names (500)

ins

Groups

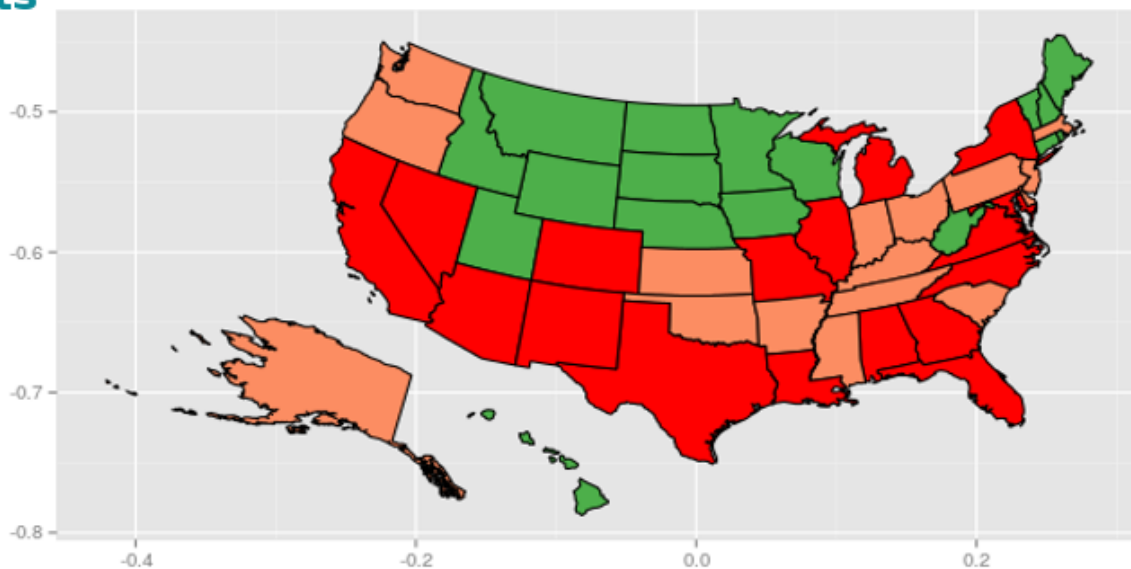
Noise (279)

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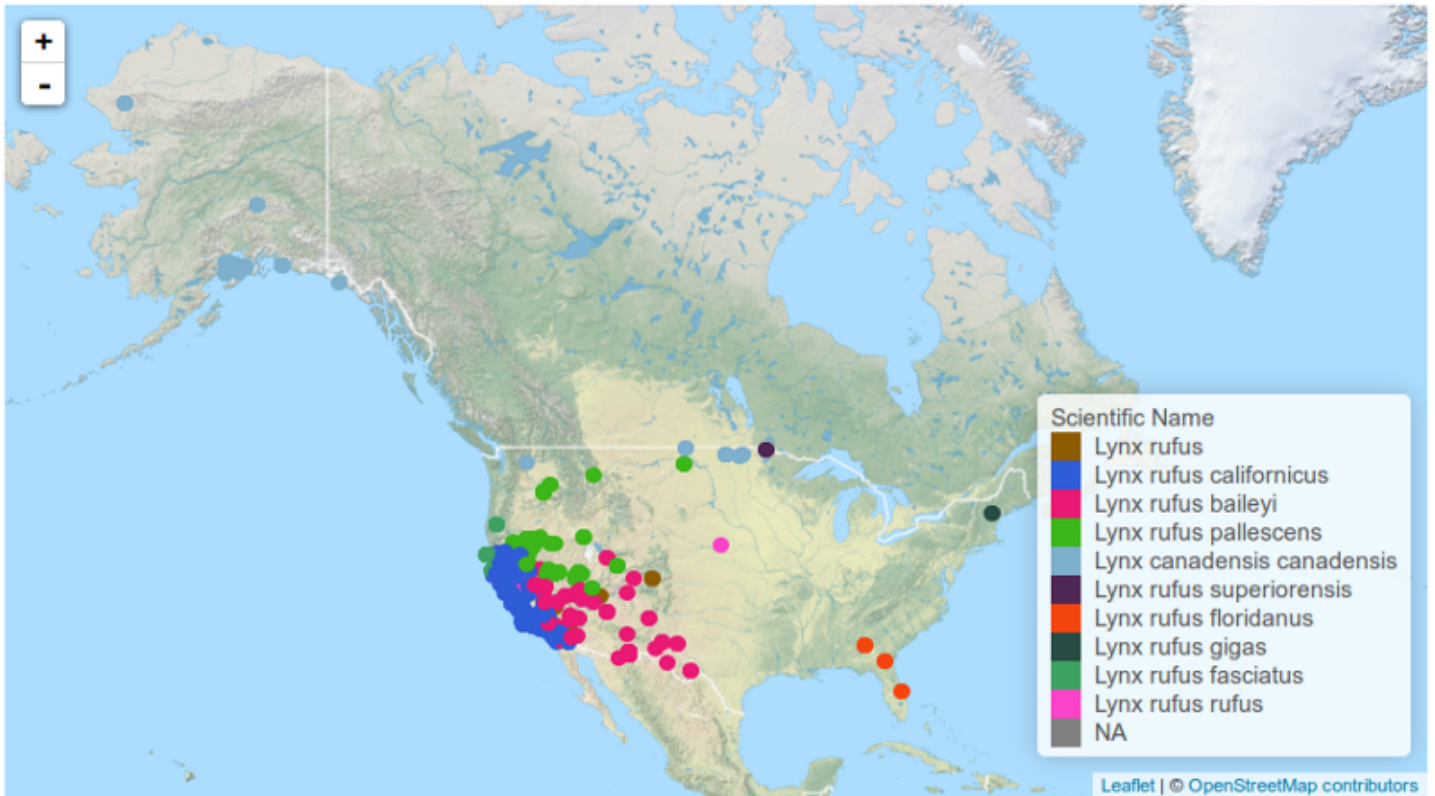
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CrimeRate Low Medium High



Ecoengine: distribution maps based on database records



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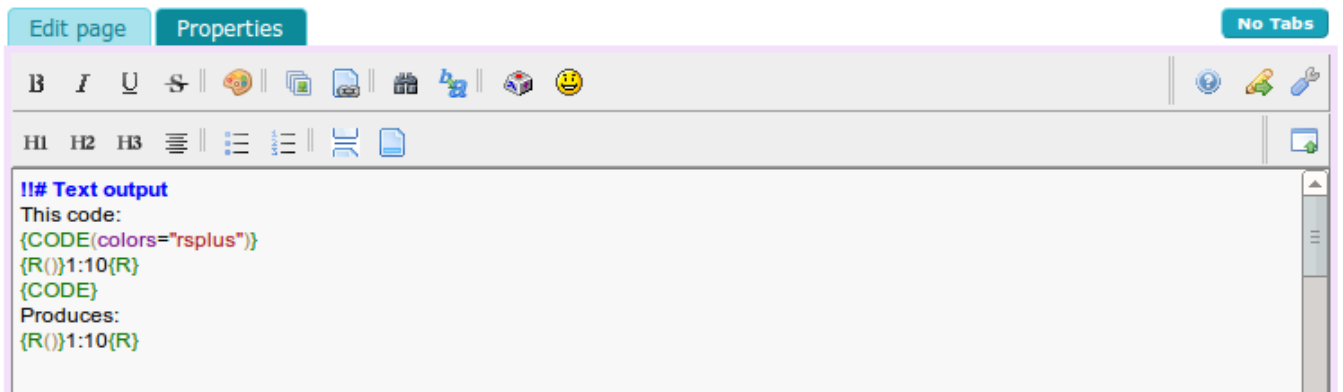
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Results

Values for X:

min: 1

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Those are the results:

Results from 1*10: 10

No attachment to display in this raw dataset

Graph with xmin 1 & xmax 10 and $y=x^2$



[Edit page](#) [Properties](#) [No Tabs](#)

B *I* U

H1 H2 H3

```

{wiki}Values for X:
min: {$f_5}
max: {$f_6}

__Those are the results__:{/wiki}

{wikiplugin _name=r width="400" height="200"}
x<->{$f_5};{$f_6}
y<-x*x
plot(x,y)
title('Graph with xmin {$f_5} & xmax {$f_6} and y=x*x')

cat("\nResults from {$f_5}*{$f_6}: ")
results <- {$f_5}*{$f_6}
  
```

Simple templates for custom output

[Change Highlighter](#) [Toggle Highlighter](#)

Describe the change you made:

Monitor this page:

[Preview](#) [Save](#) [Cancel Edit](#)

Flexible databases in Trackers to hold run parameters

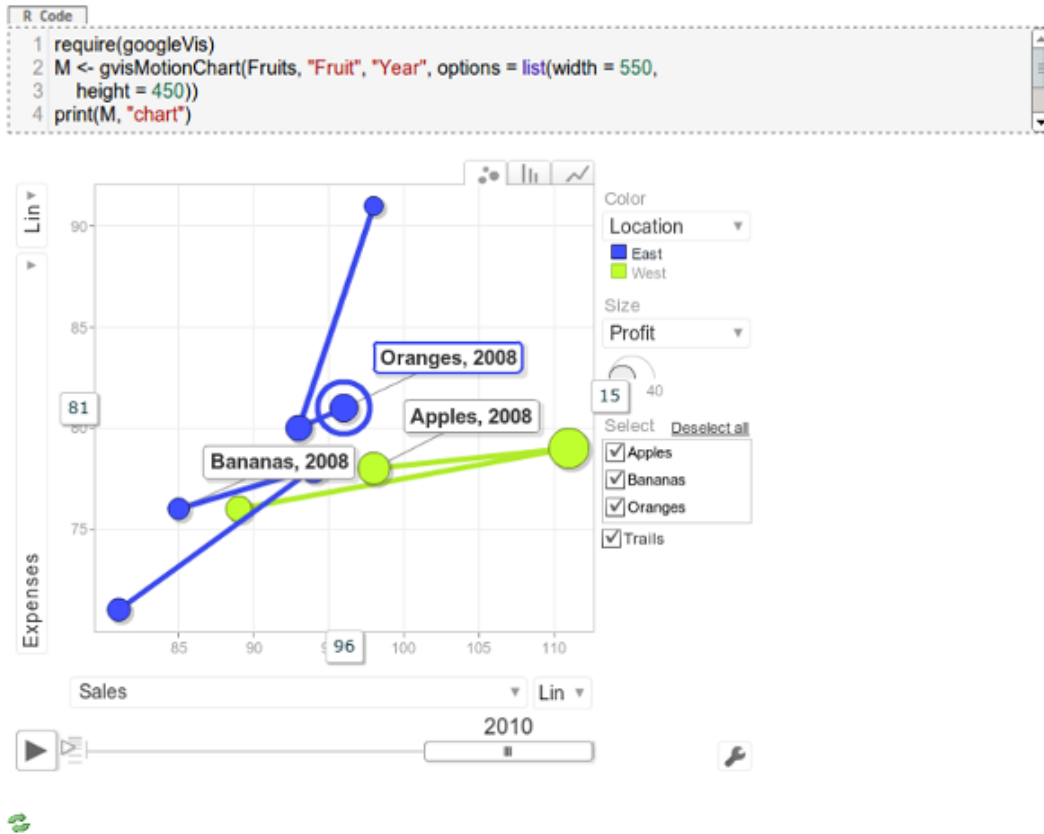
[Edit This Tracker](#) [Edit Fields](#) [Trackers](#) [View Items](#)

[Tracker fields](#) [Import Tracker Fields](#) [No Tabs](#)

ID	Name	Type	List	Title	Search	Public	Mandatory	Actions
<input type="checkbox"/> 1	Summary	Text Field	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> 2	Description	Text Area	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> 3	From user	User Selector	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> 4	Dataset file	Attachment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> 5	Minimum value for axis X	Text Field	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> 6	Maximum value for axis X	Text Field	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

[Go](#) [Add Field](#)

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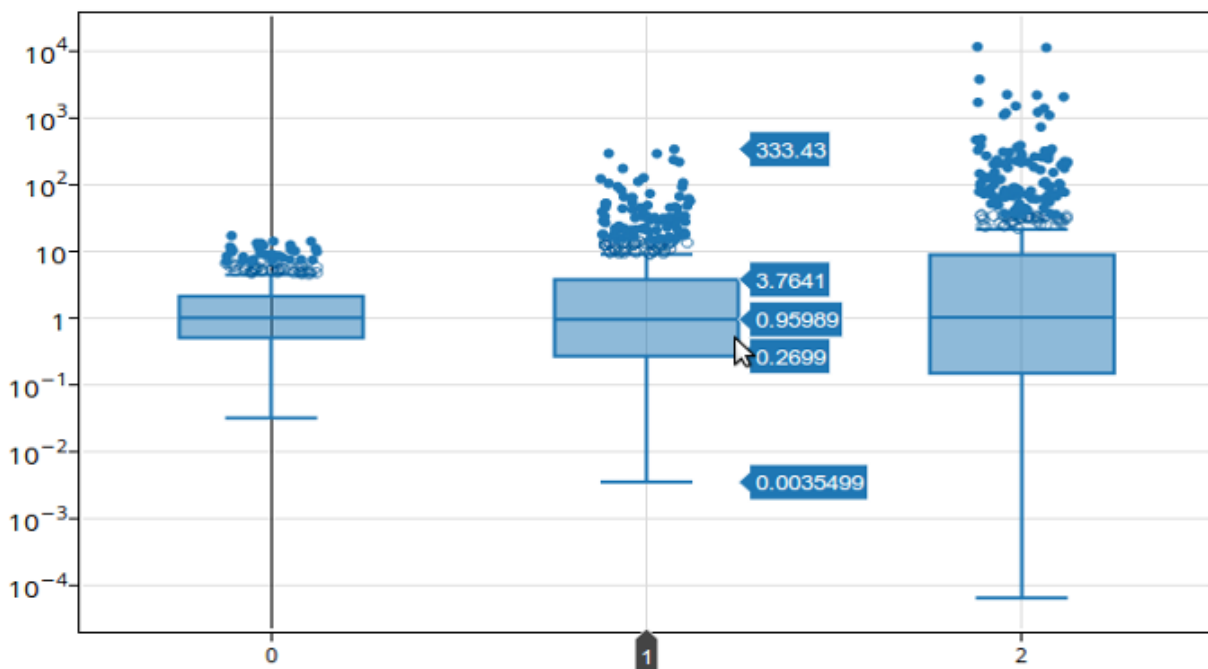
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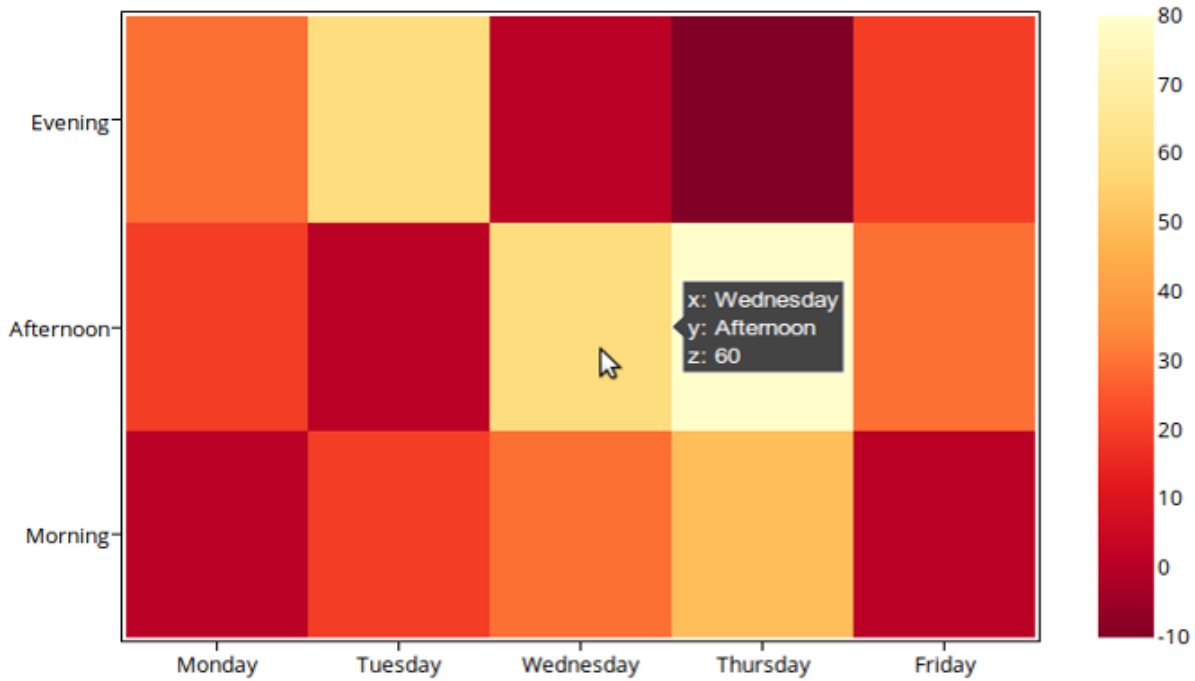


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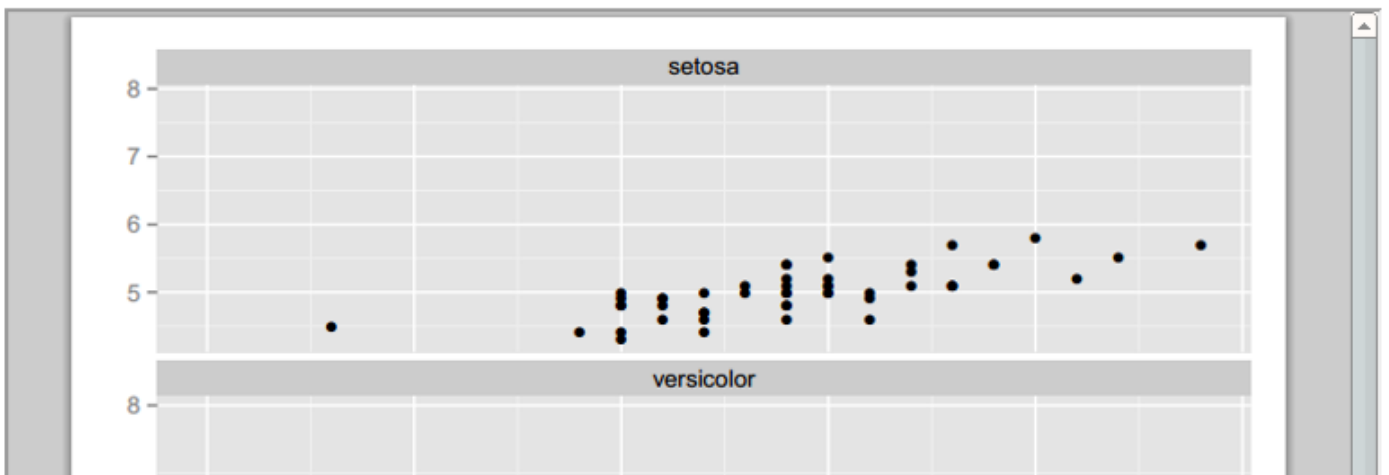
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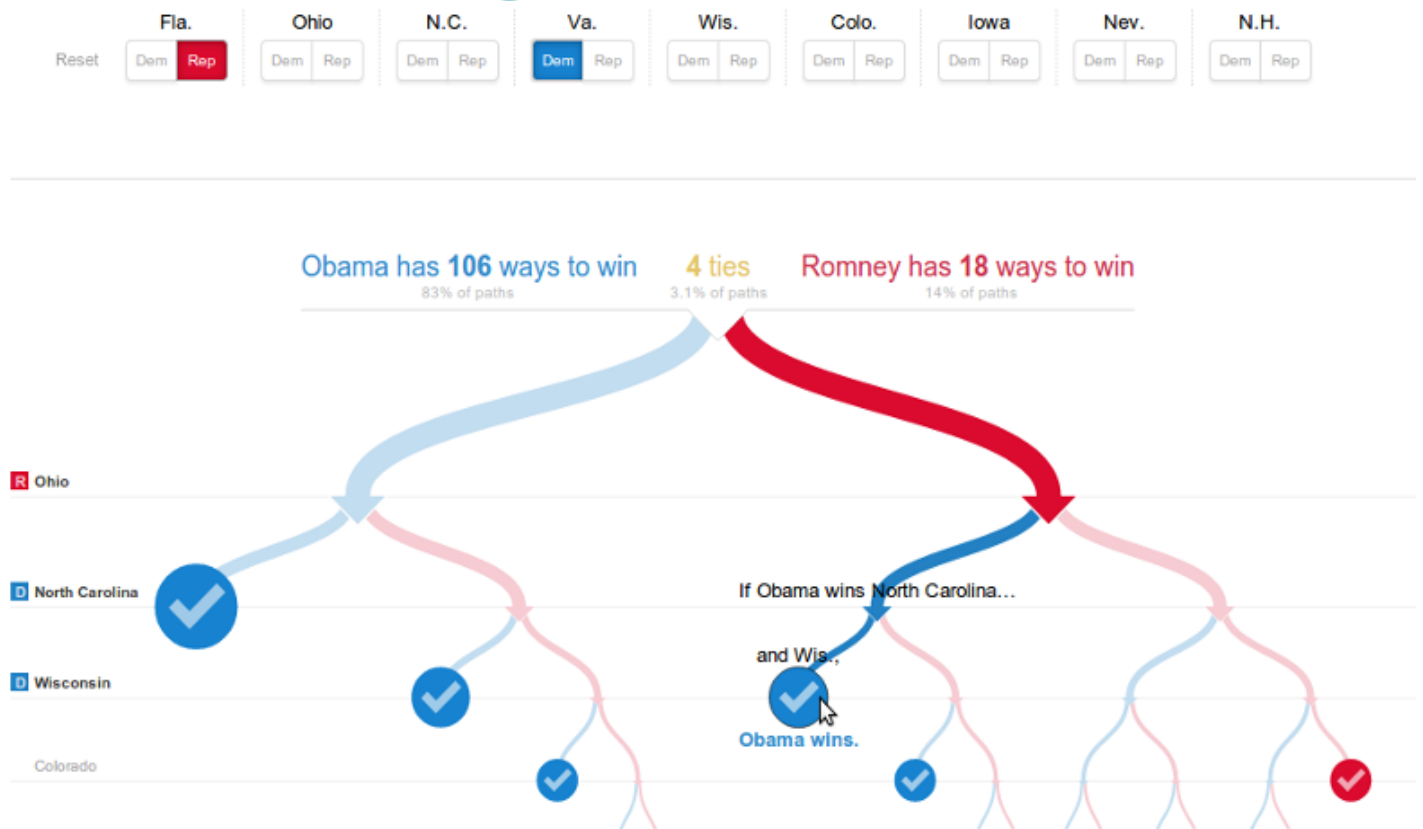


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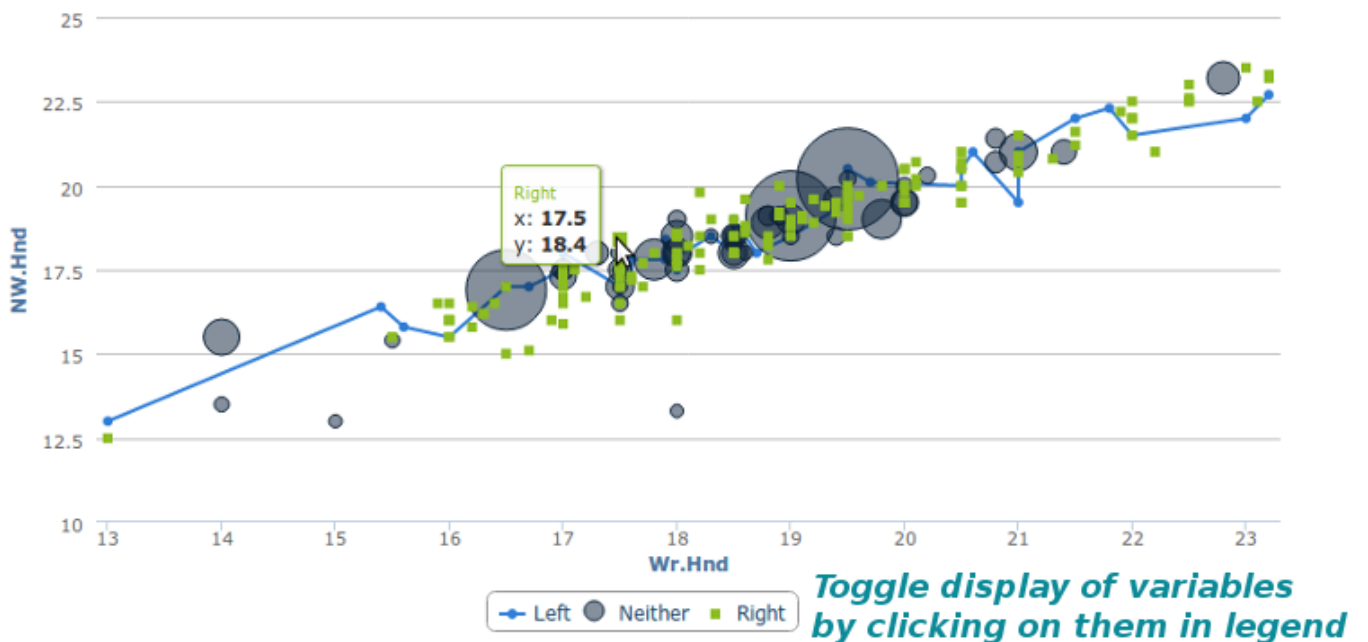
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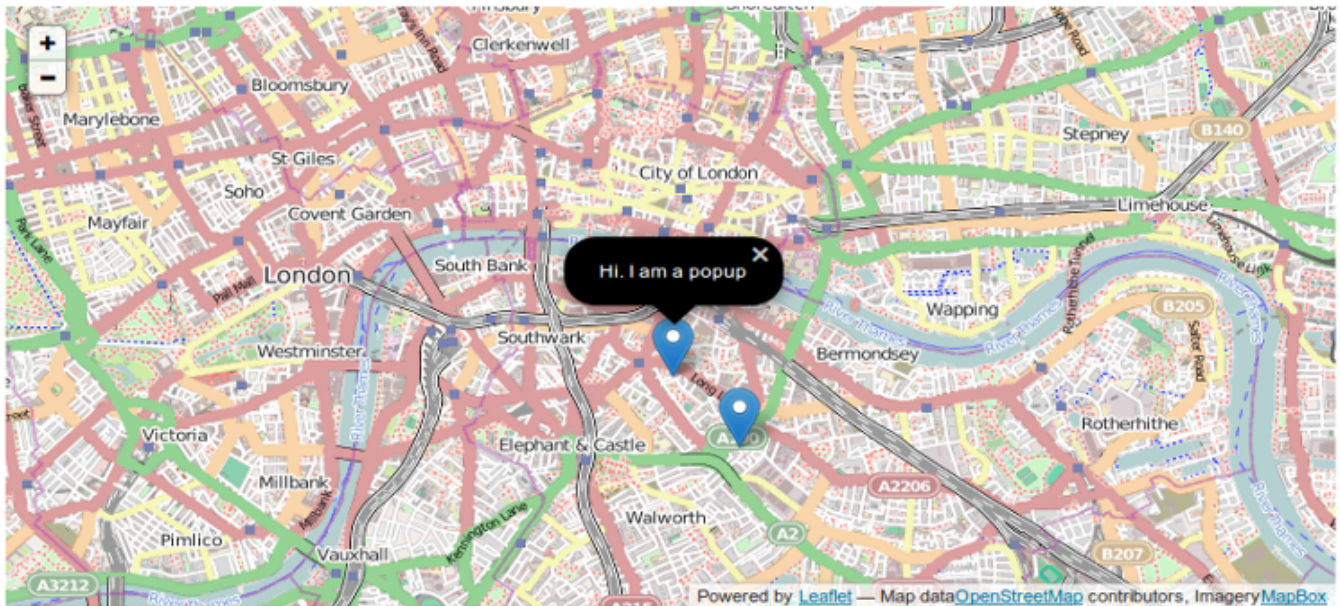


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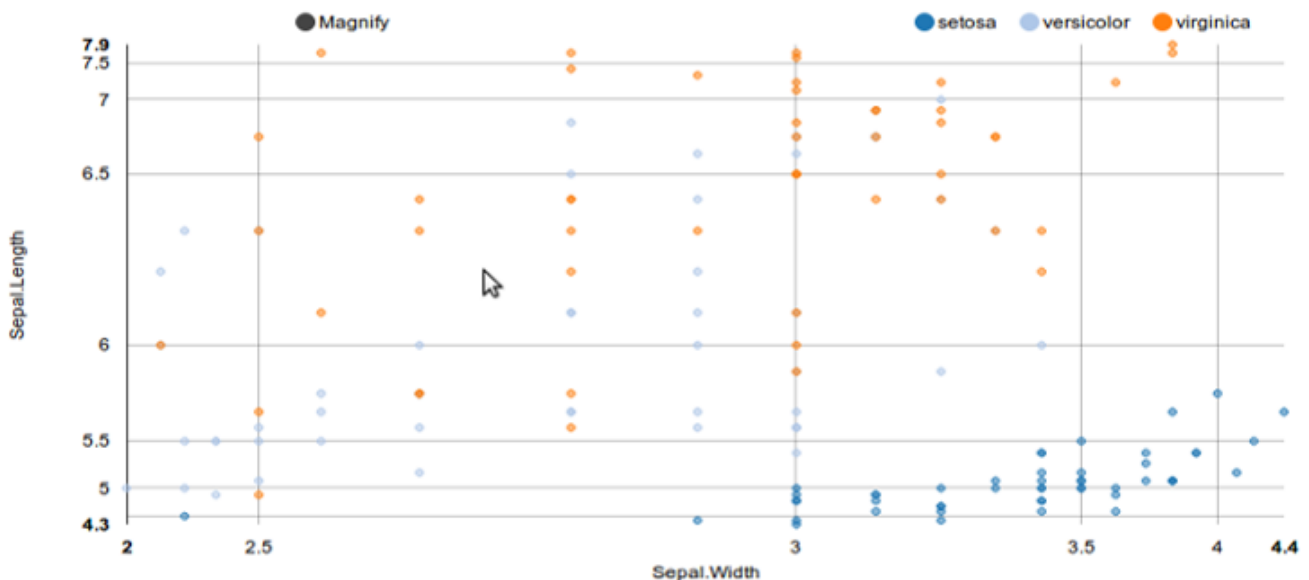
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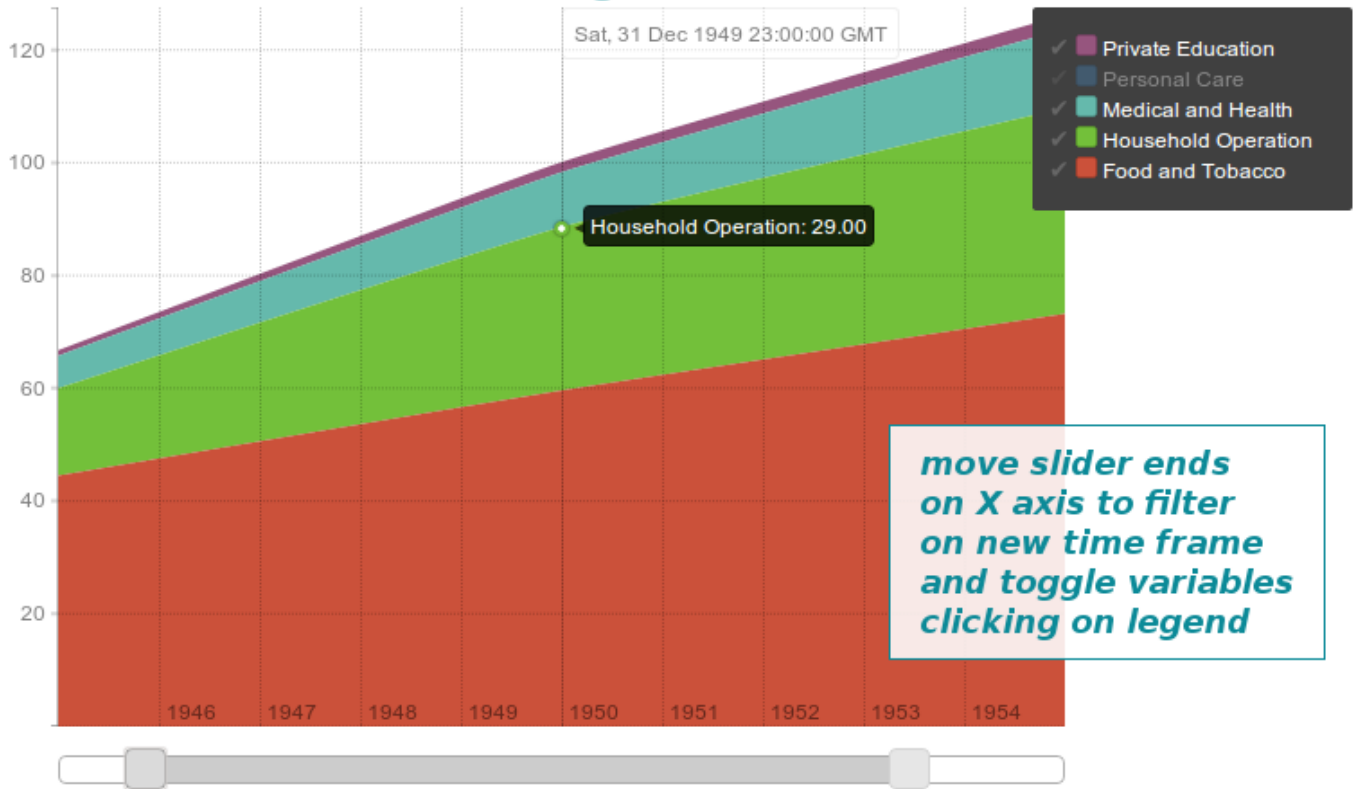


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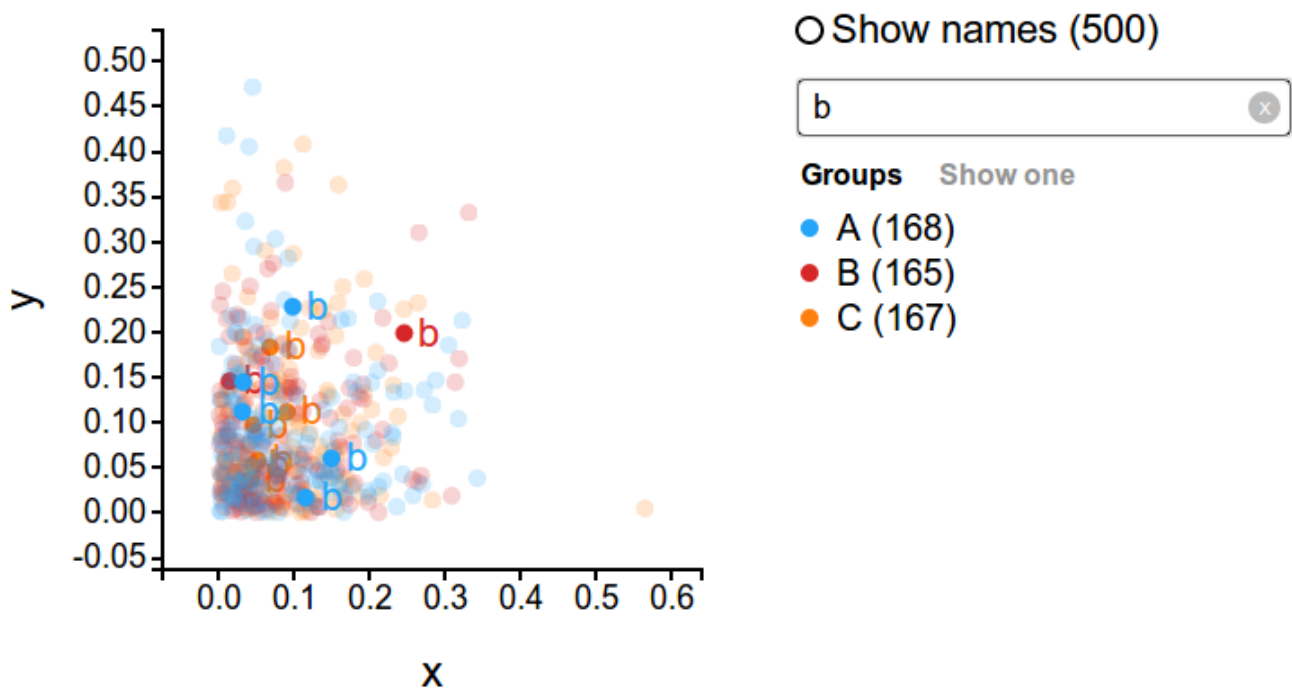
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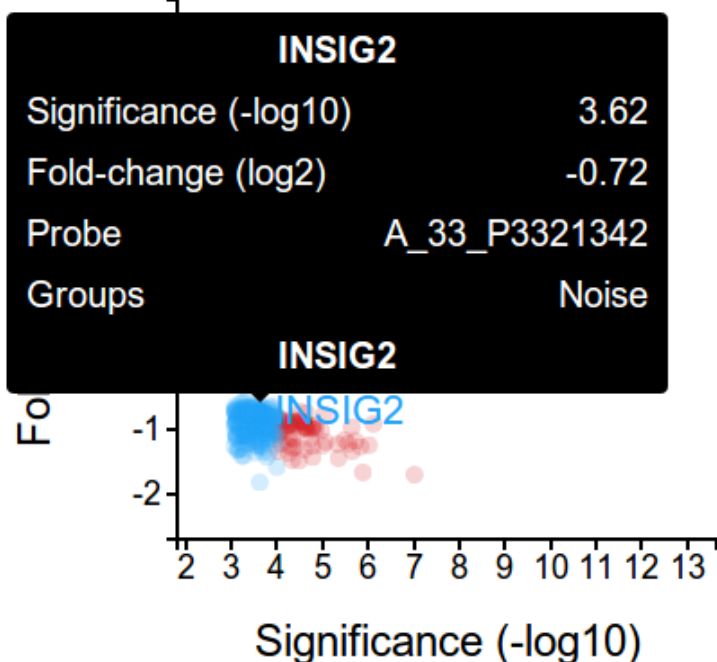
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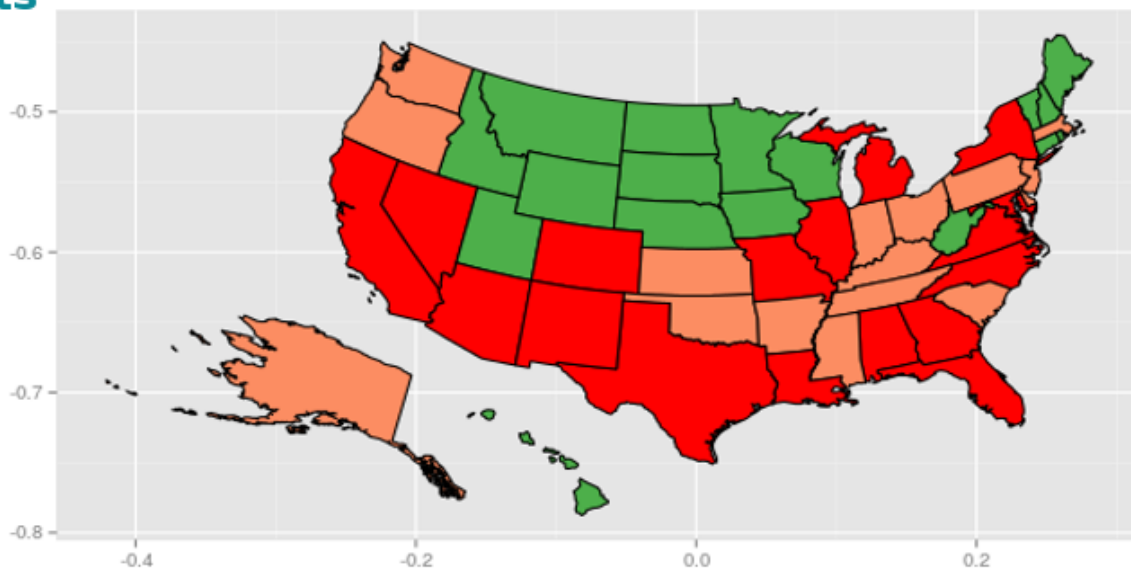
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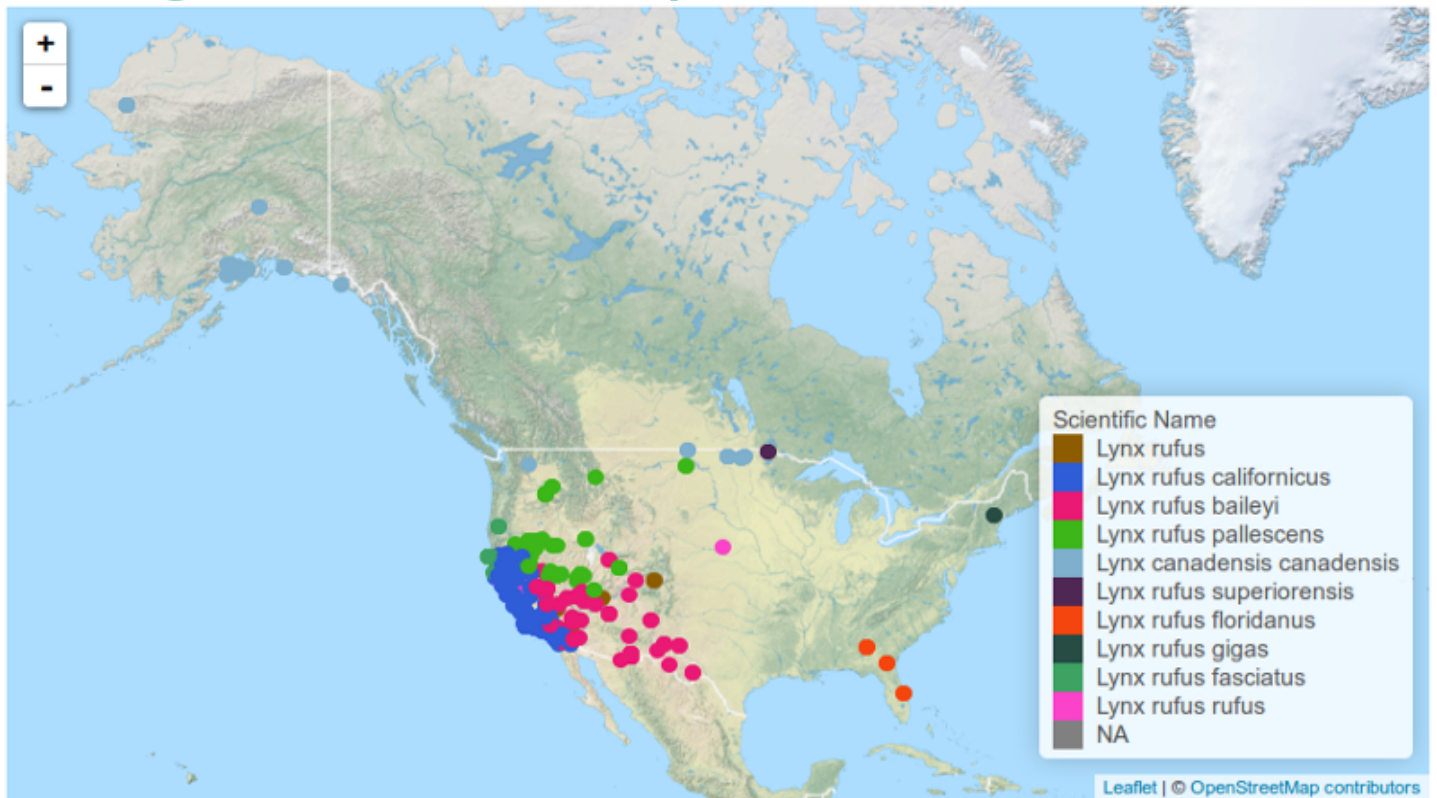
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