

Simple syntax highlighted & preview

Preview

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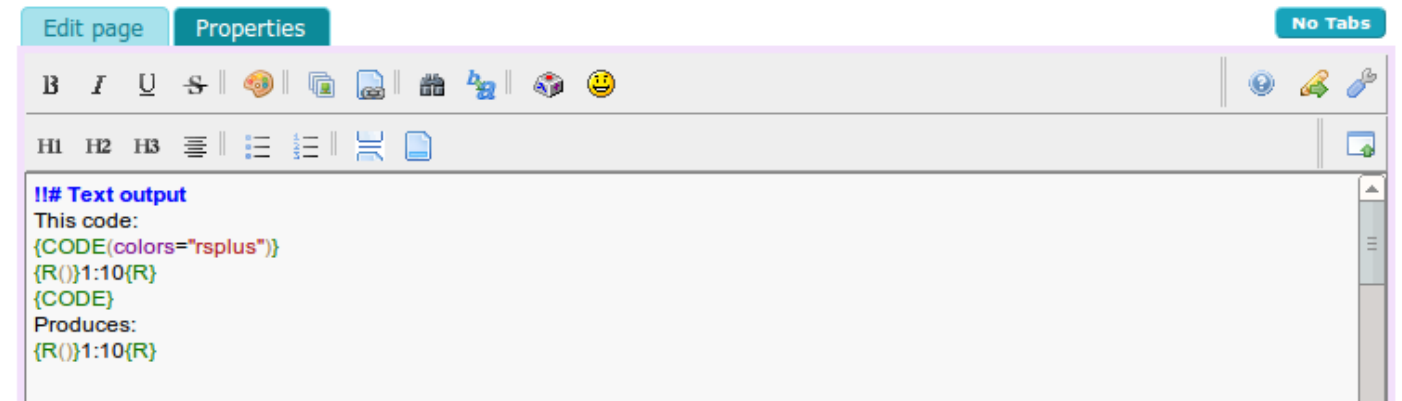
1. Text output

This code:

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

Produces:

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[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, and other editing functions. The main text area contains the following content:

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This code:
{CODE(colors="rsplus")}
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```

Escaping Wiki syntax

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

```
__hello__
```



Parsing Wiki Syntax

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hello
```



Simple Interface: list runs/datasets

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

List raw datasets

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Simple interface: Results for one run/dataset

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Results

Values for X:

min: 1

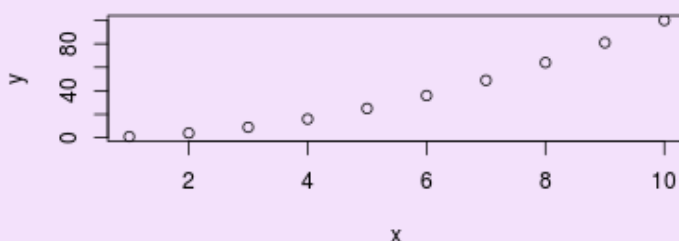
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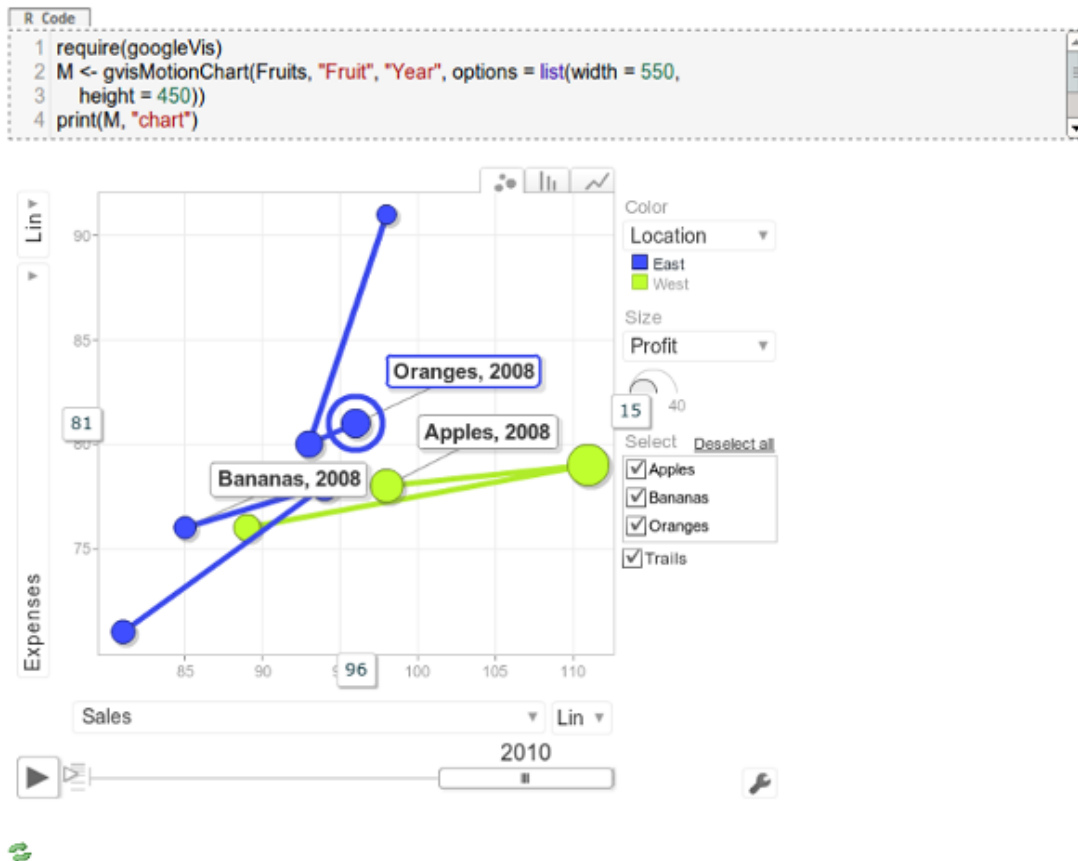
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Graph with xmin 1 & xmax 10 and $y=x^2$



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")
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```



R Code

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3 plot(x,y)

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RR (R syntax also)

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

echo 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 (parsing)

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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](#)

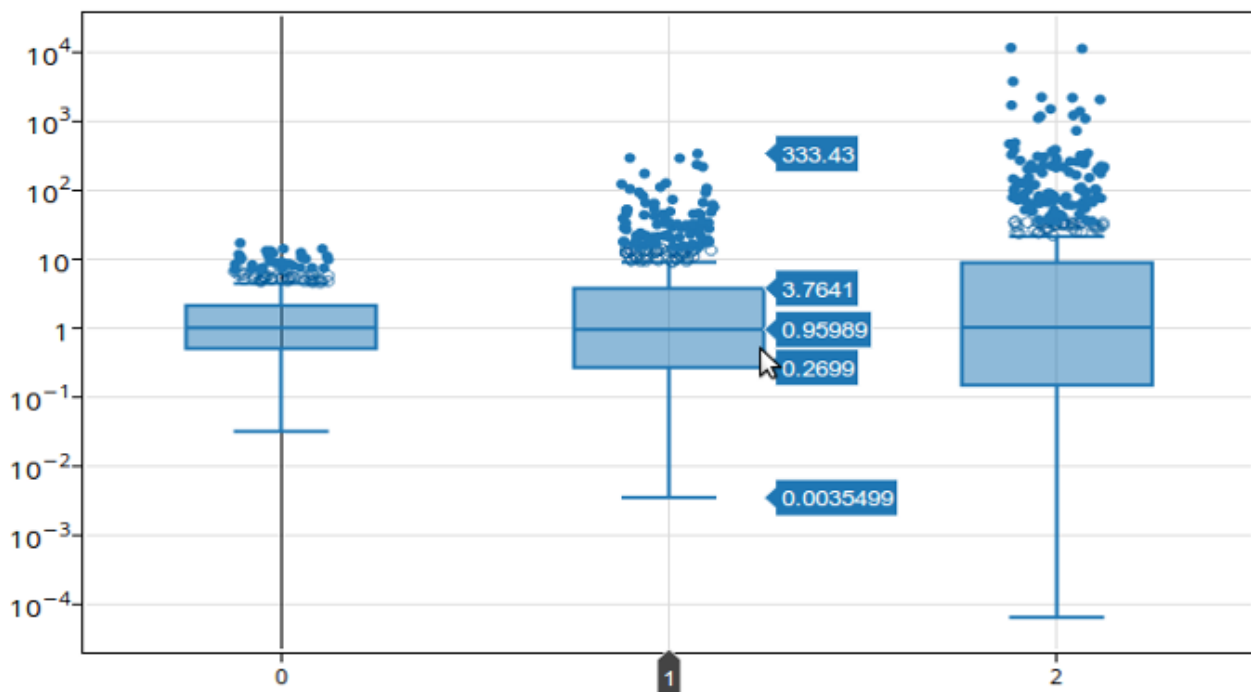
Custom maps with GoogleVis

```
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")
```

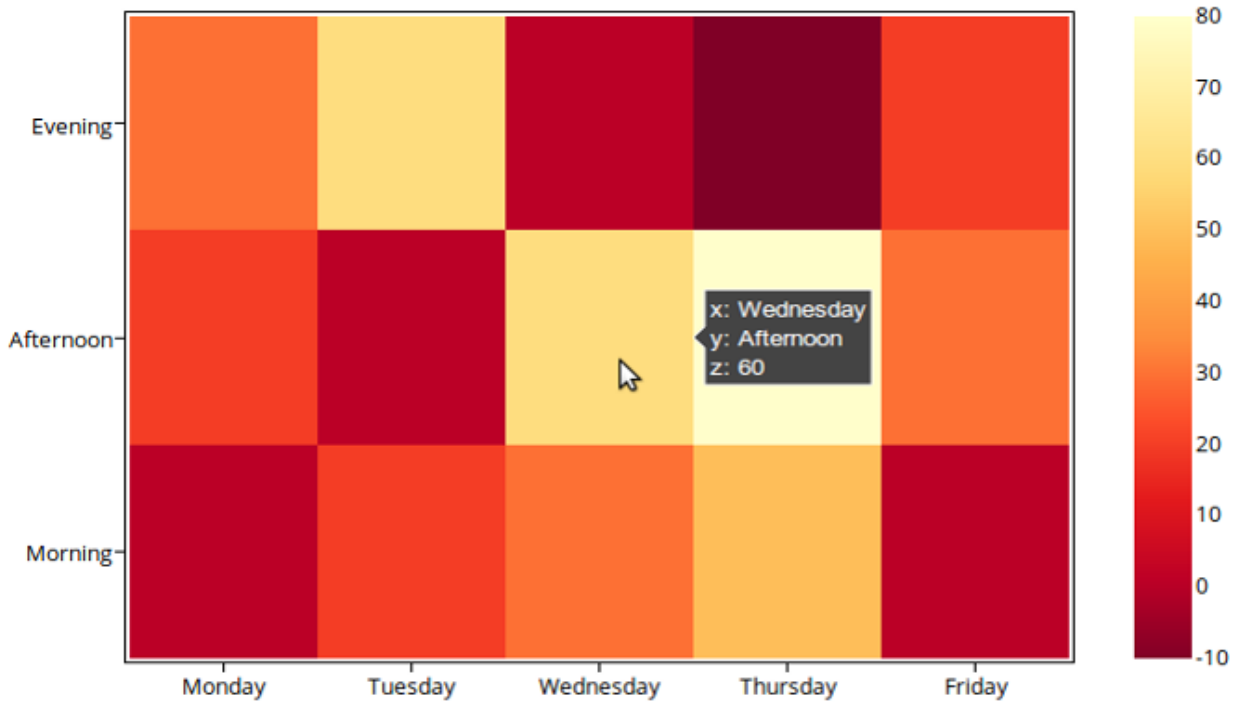


Embedded plot.ly charts

Fun with the Lognormal distribution



Embedded plot.ly charts: Heatmaps



Custom output for higher control on figure results (pdf)

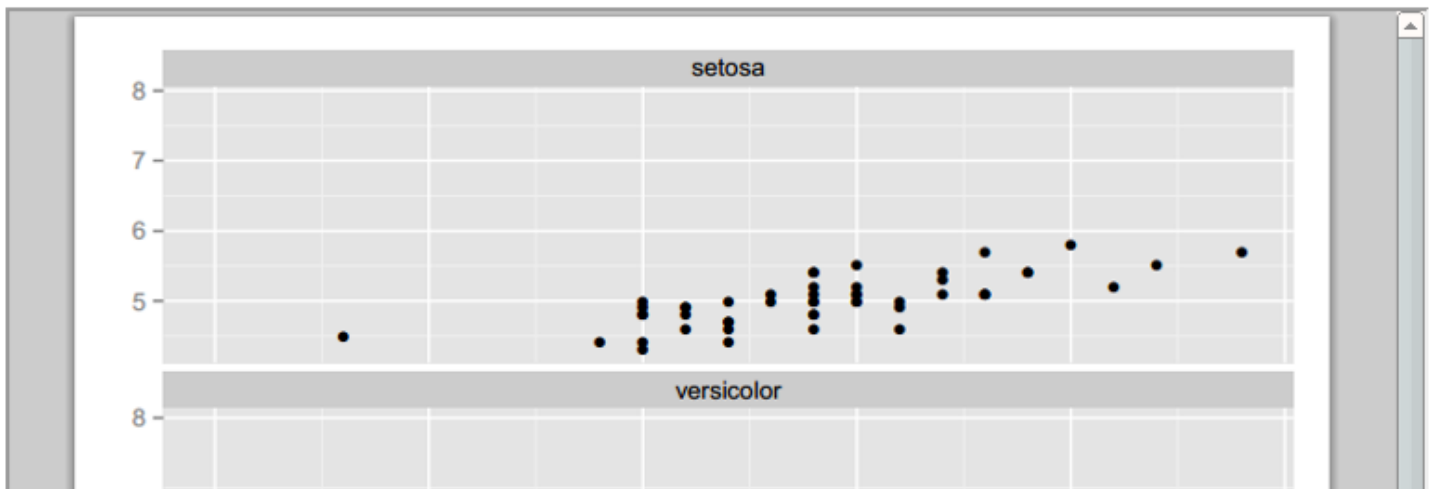
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10 device.height = convertHeight(sum(g[["heights"]]), "in", valueOnly=TRUE)
11 pdf("testr.pdf", height = device.height)
12 grid.draw(g)
13 invisible(dev.off())
    
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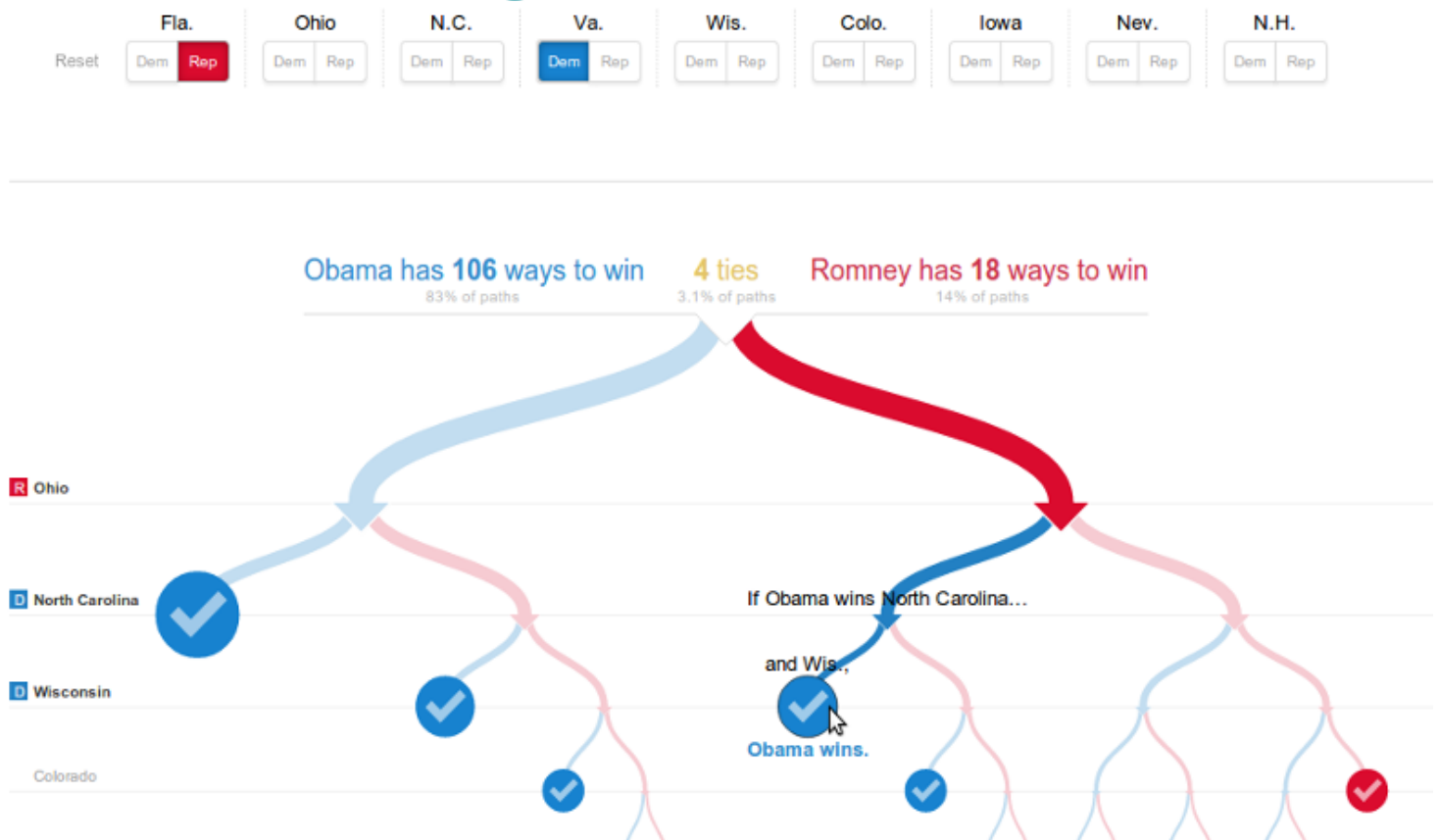


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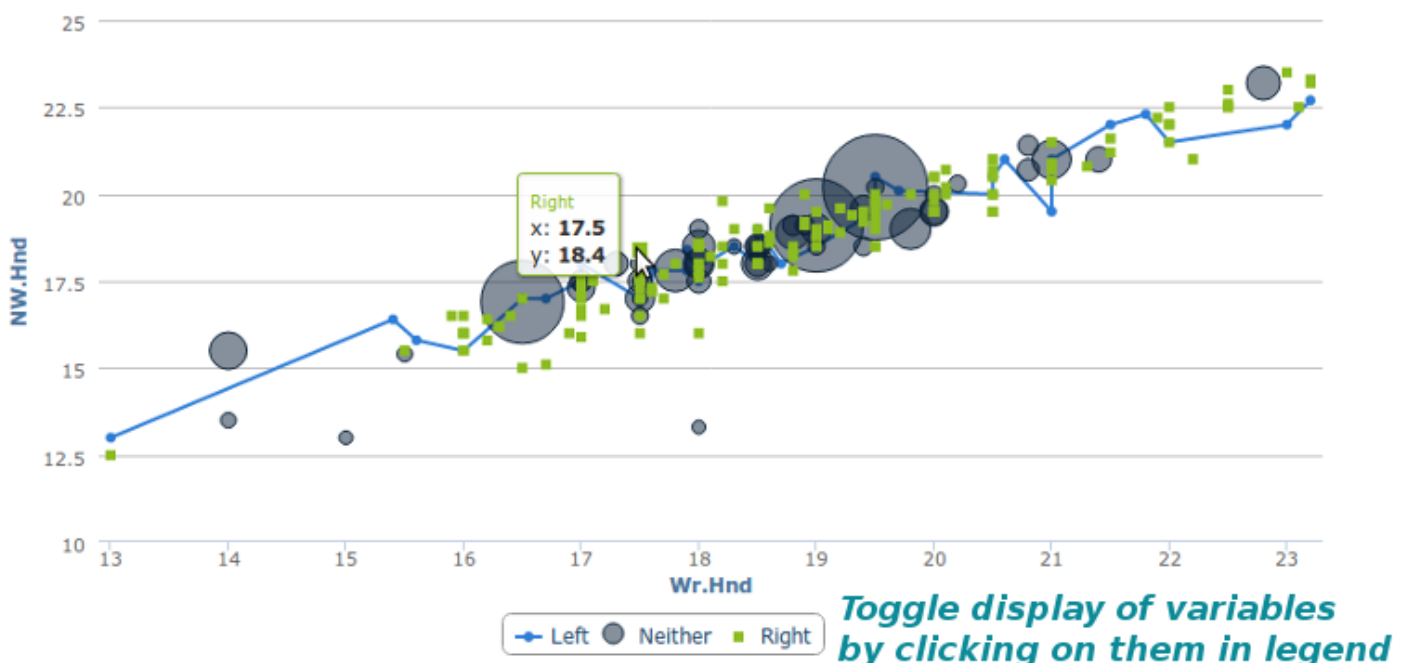
{mediaplayer fullscreen="true" src="temp/cache/r.tiki.org/R_r_test08_customoutput/testr.pdf" width="100%" height="600px" style="normal" wmode="transparent"}
    
```



rCharts Interactive figures: NYT 512 Paths to White House

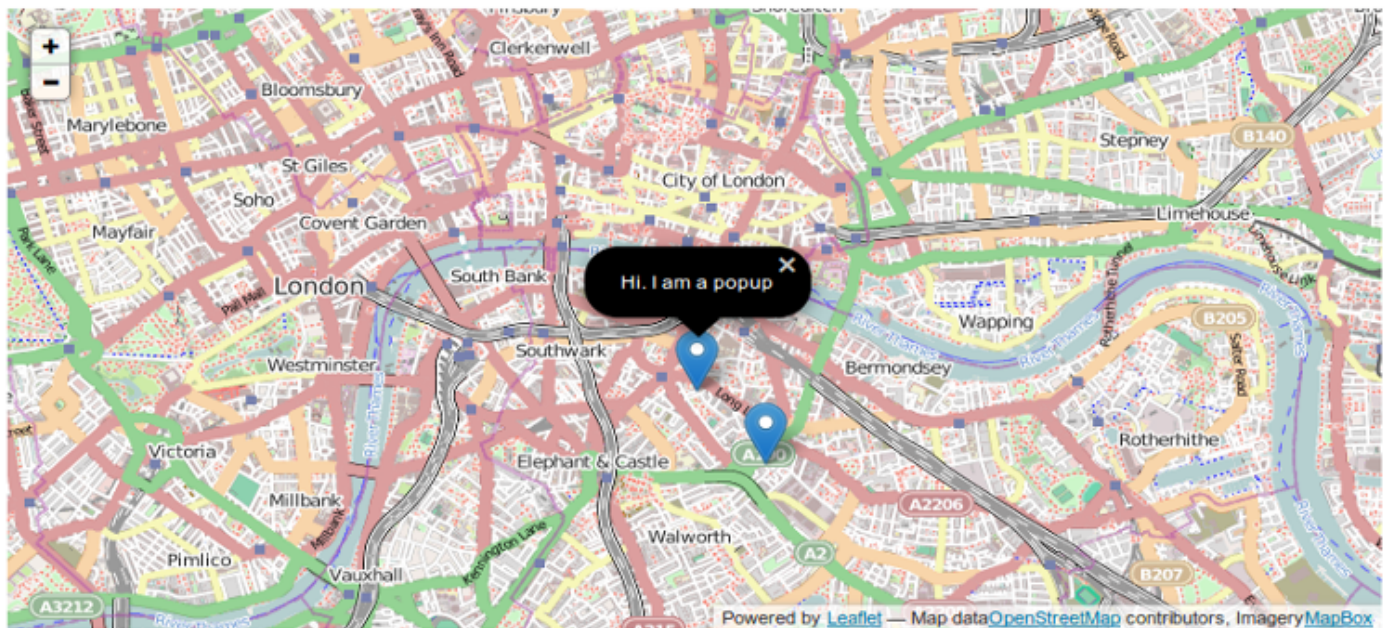


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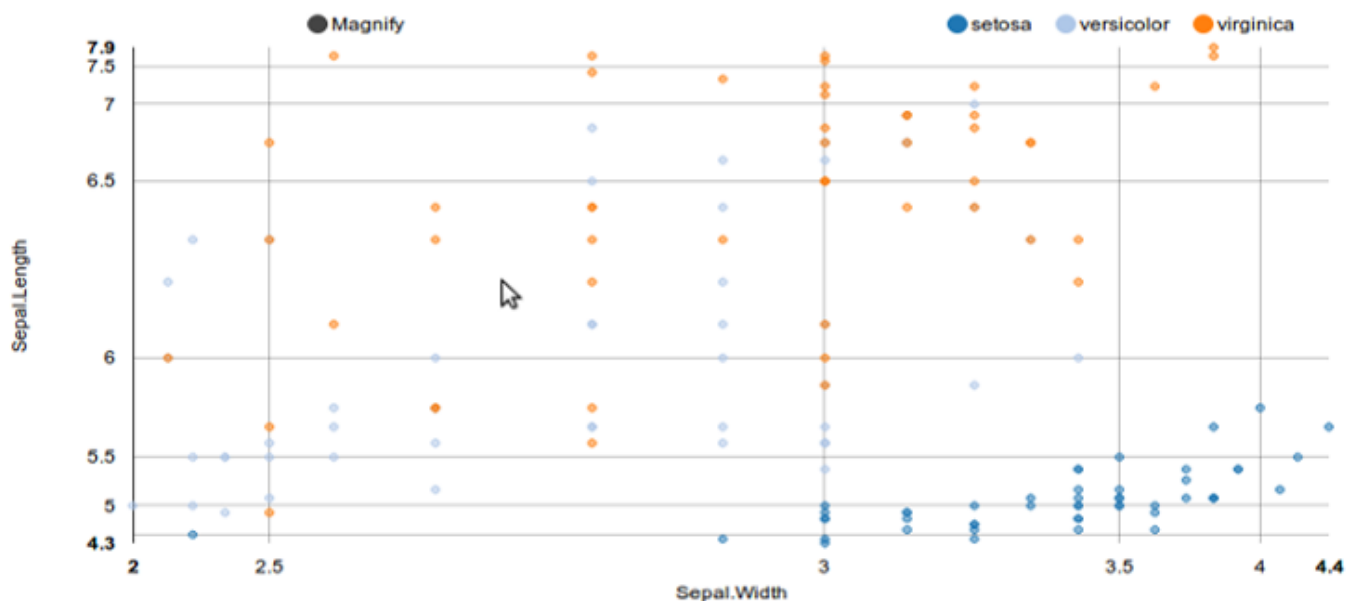
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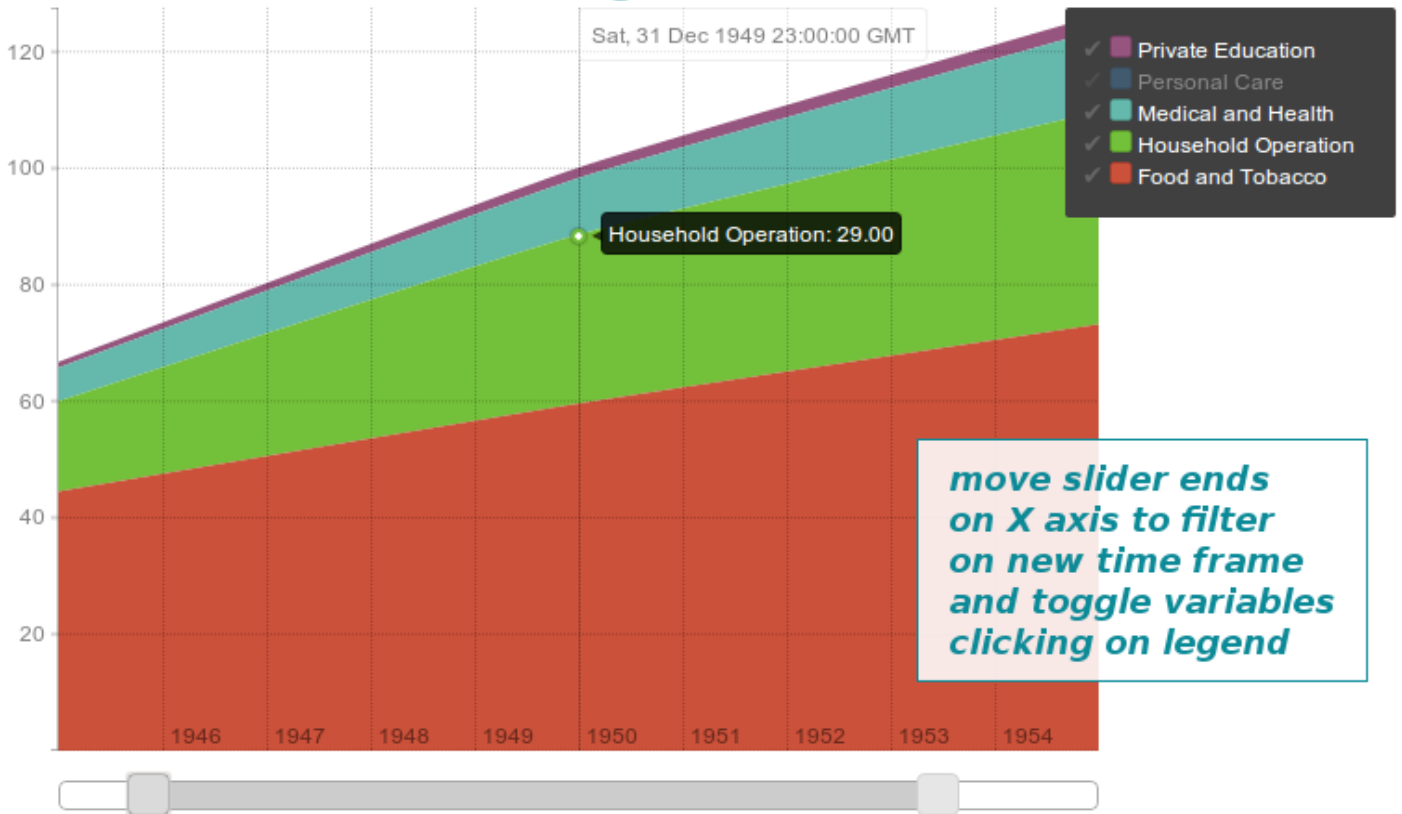


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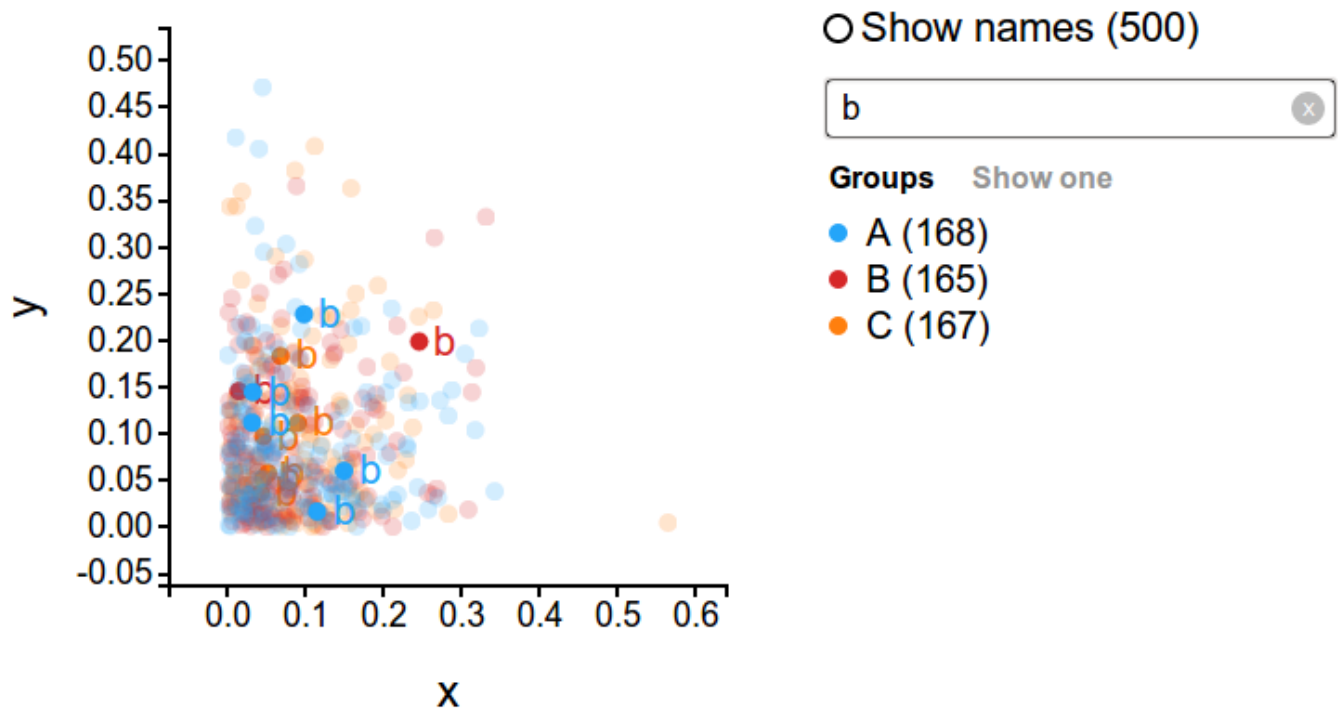
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9 n2 <- nPlot(Sepal.Length ~ Sepal.Width, data = sepal, type = "scatterChart",
10 group = "Species")
11 n2$xAxis(axisLabel = "Sepal.Width") # add x axis label
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13 #n2$sprint("nvd3Scatter")
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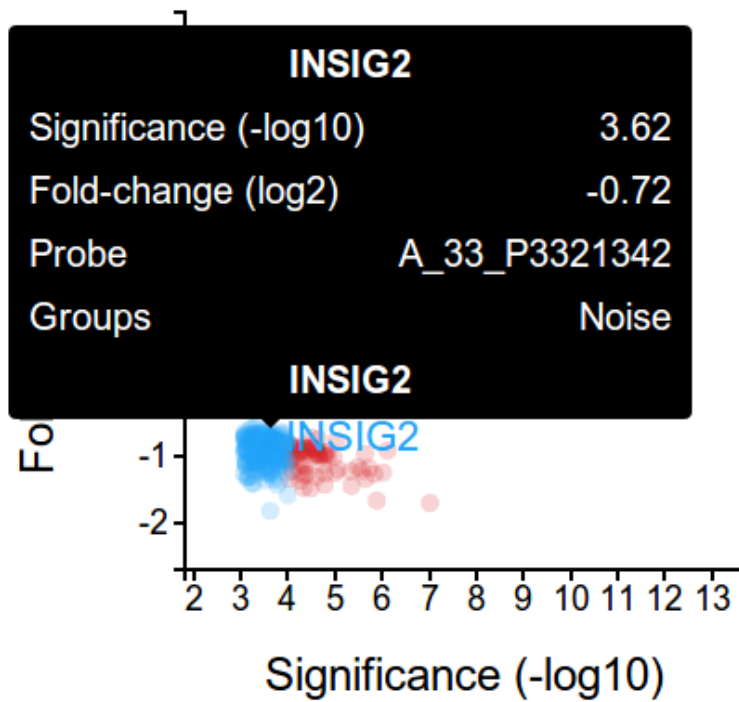
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Show names (500)

ins

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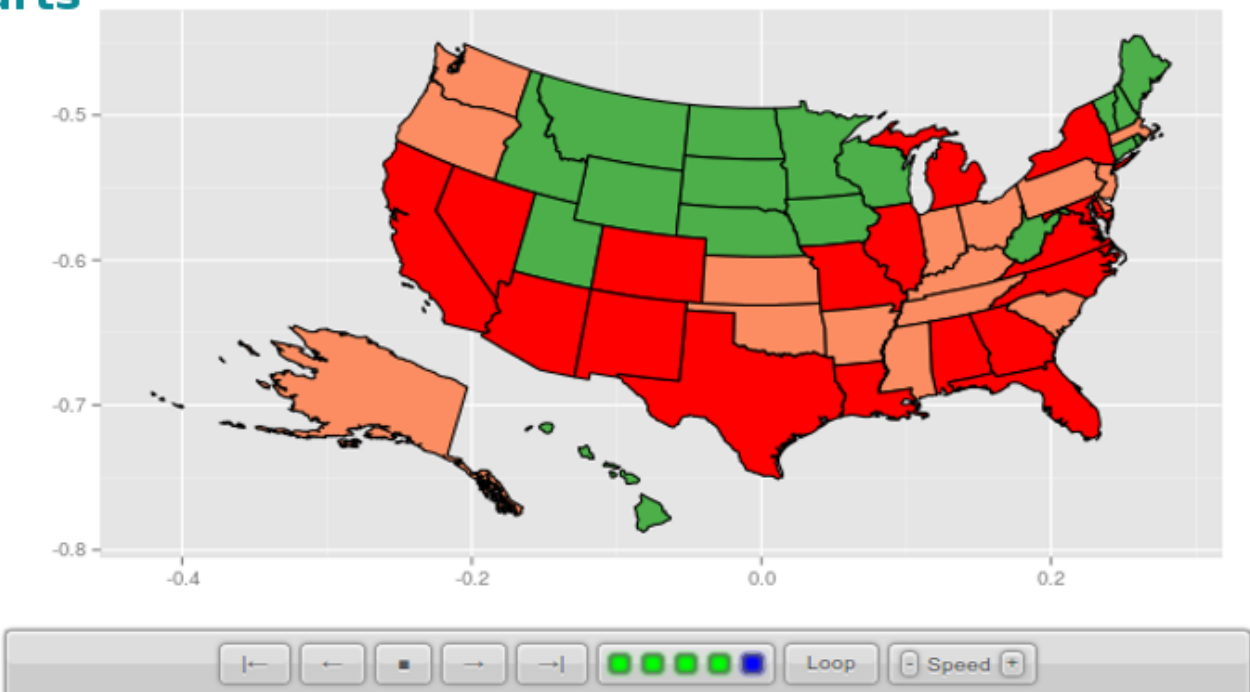
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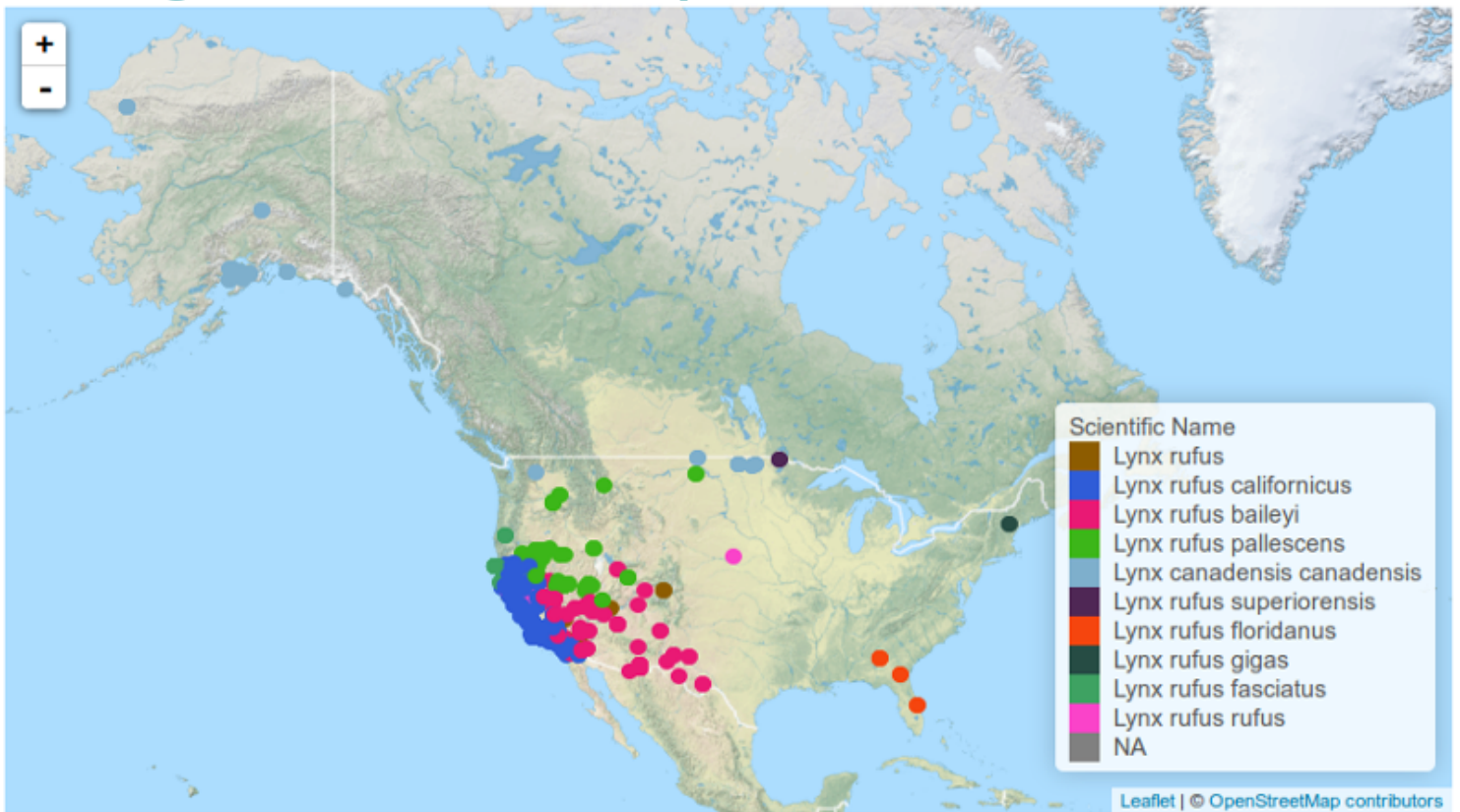
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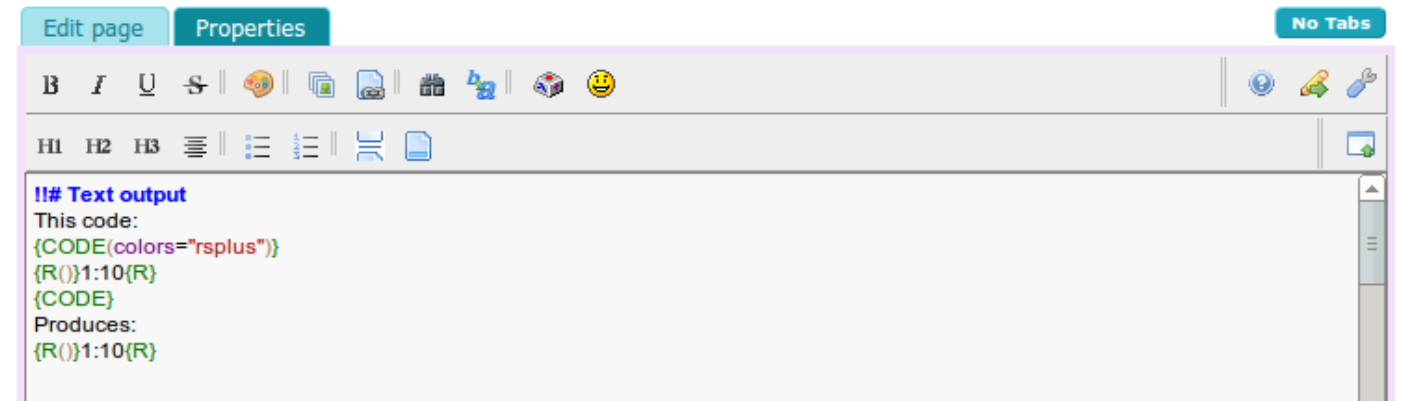
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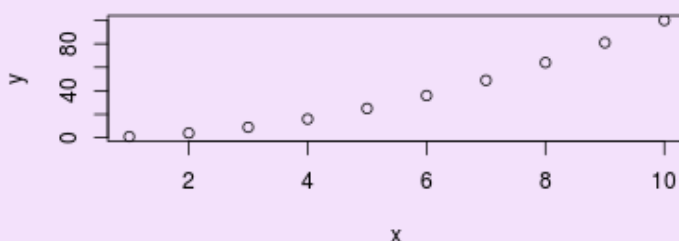
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Graph with xmin 1 & xmax 10 and $y=x^2$



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](#) No Tabs

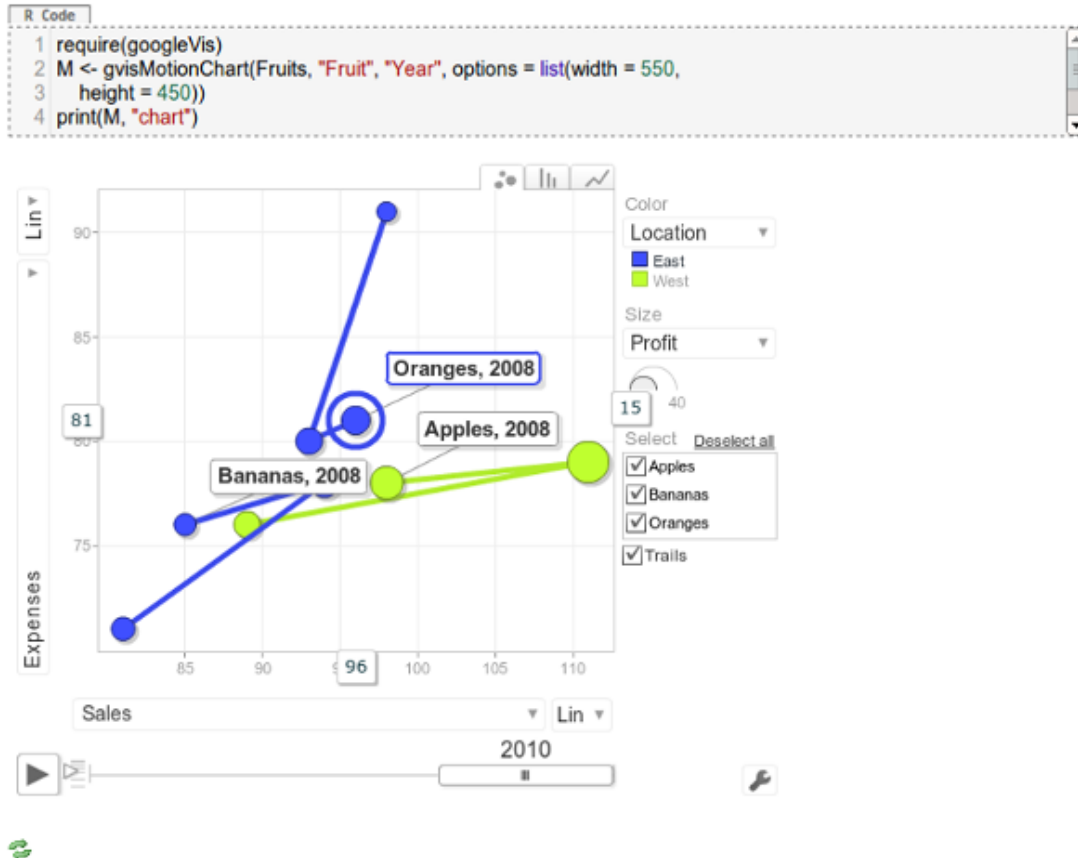
Tracker fields [Import Tracker Fields](#)

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"/>

Save All [Go](#)

[Add Field](#)

Sample wiki page with R code and chart generated



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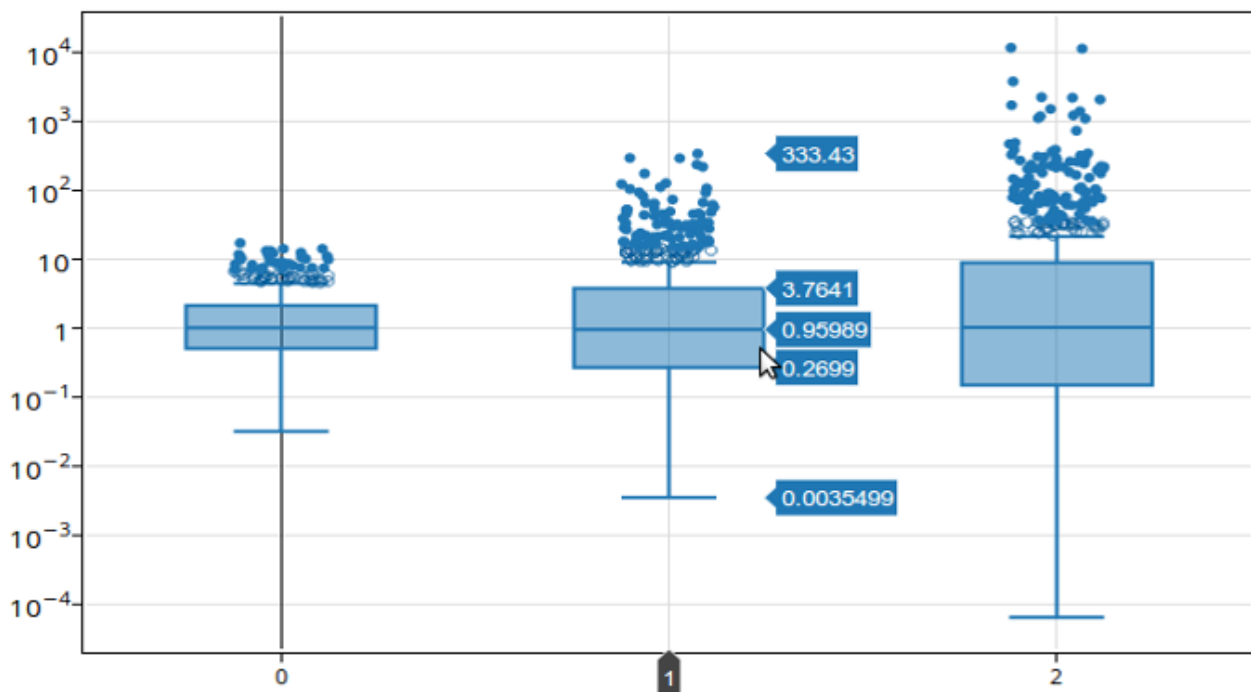
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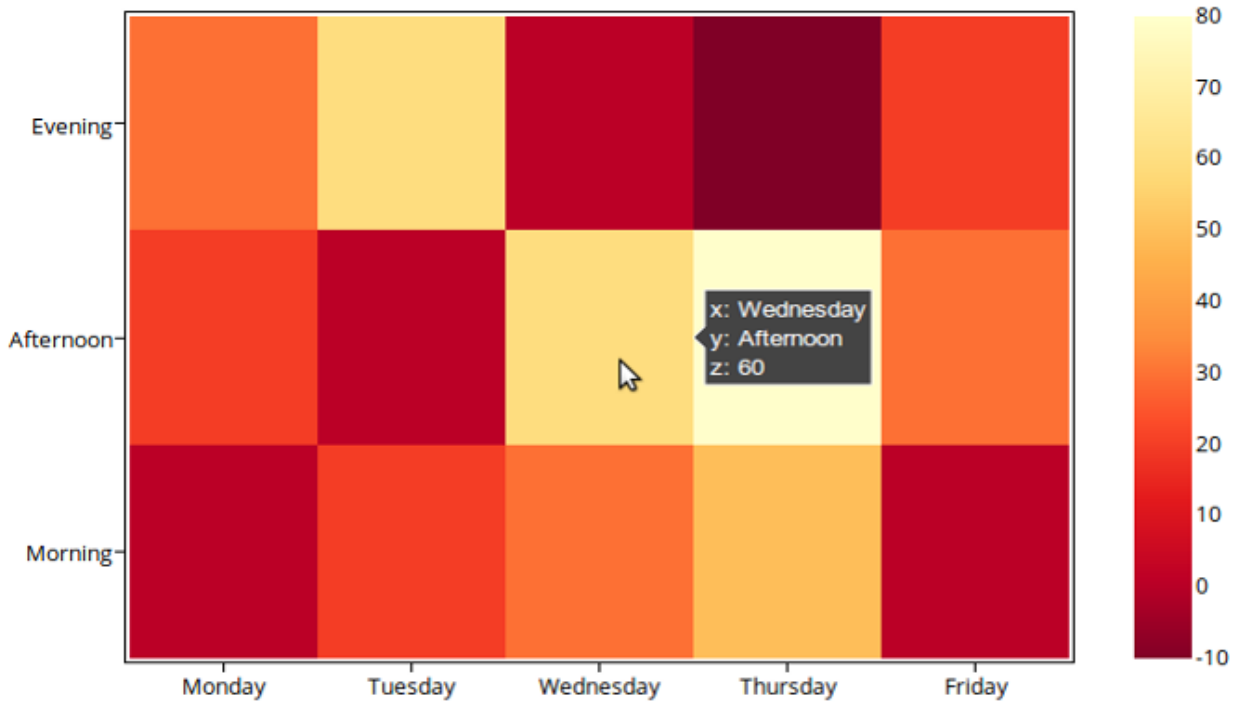


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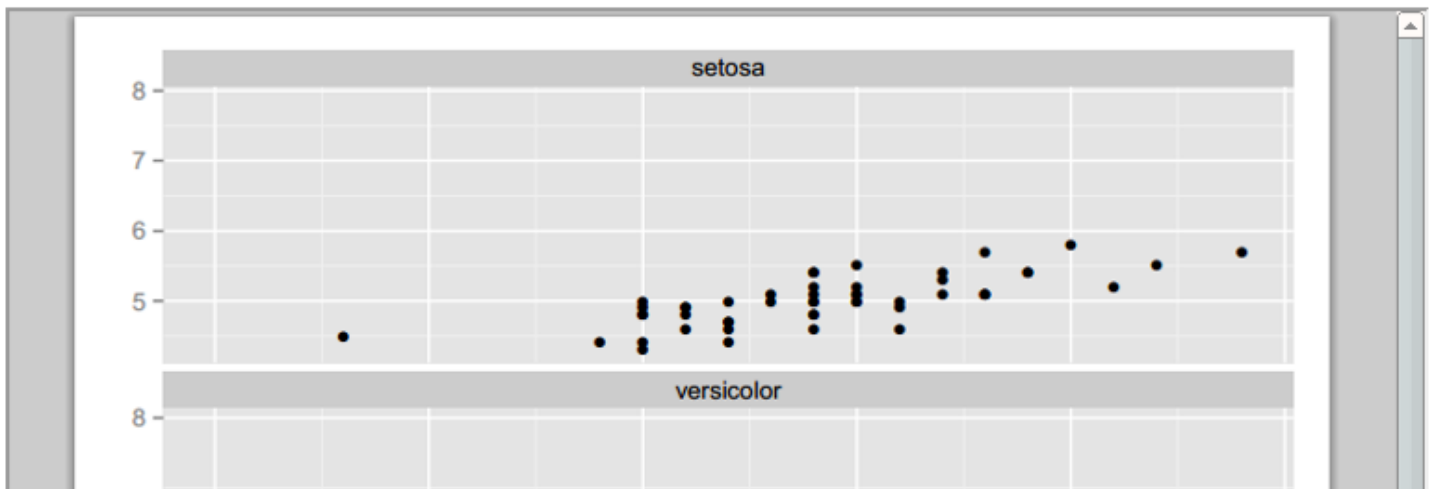
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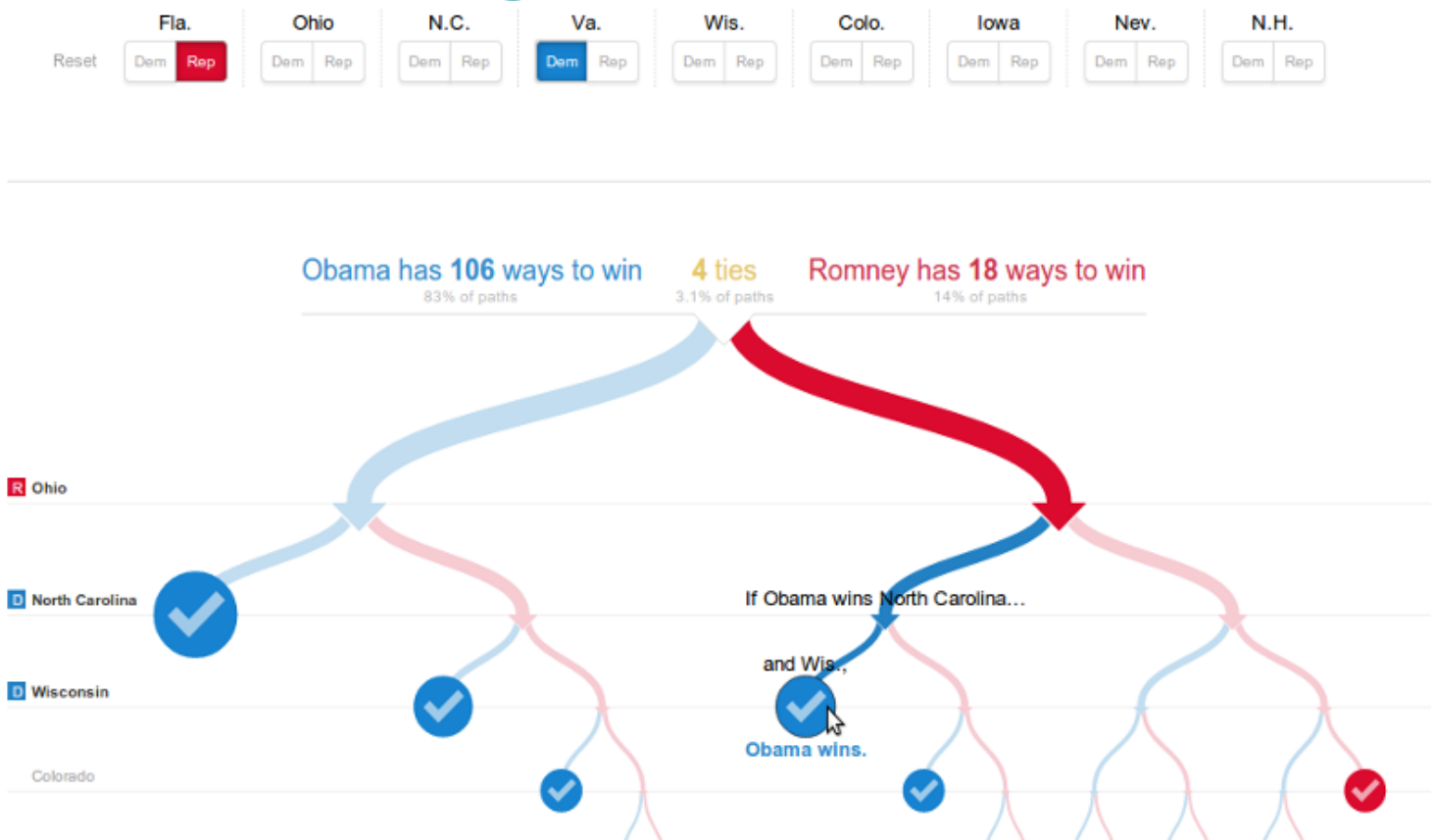


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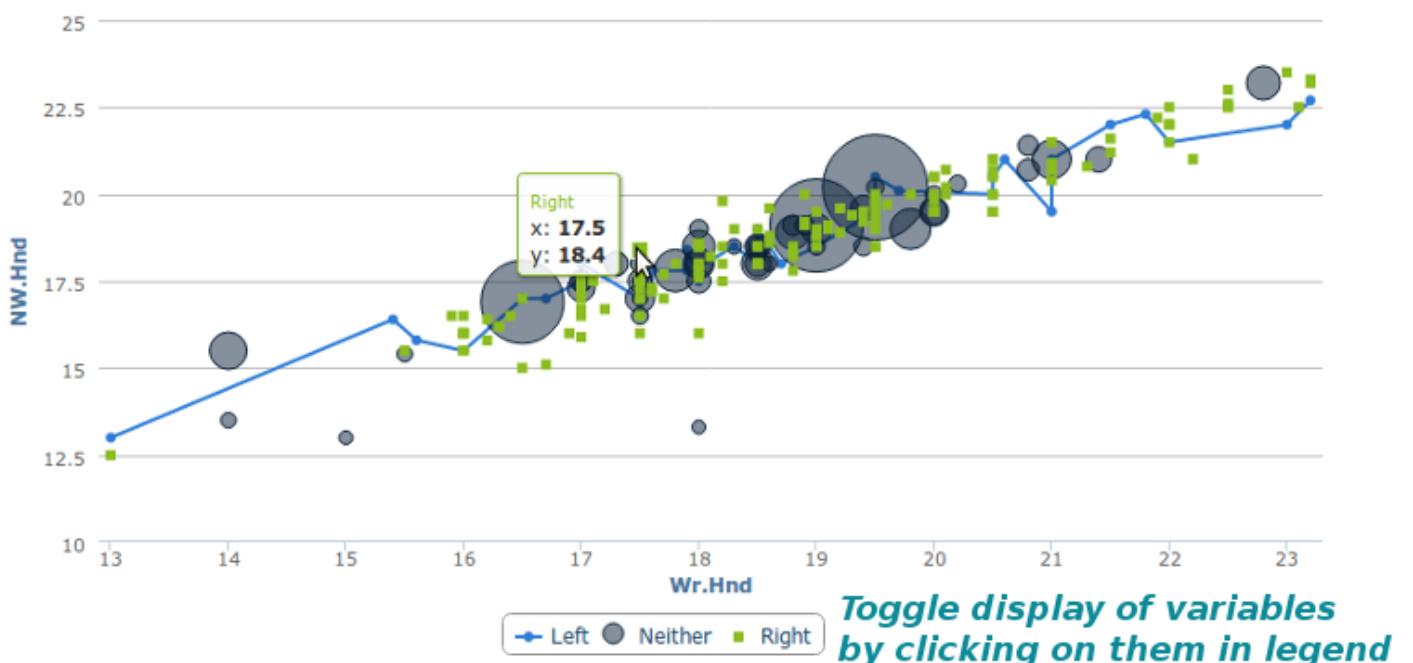
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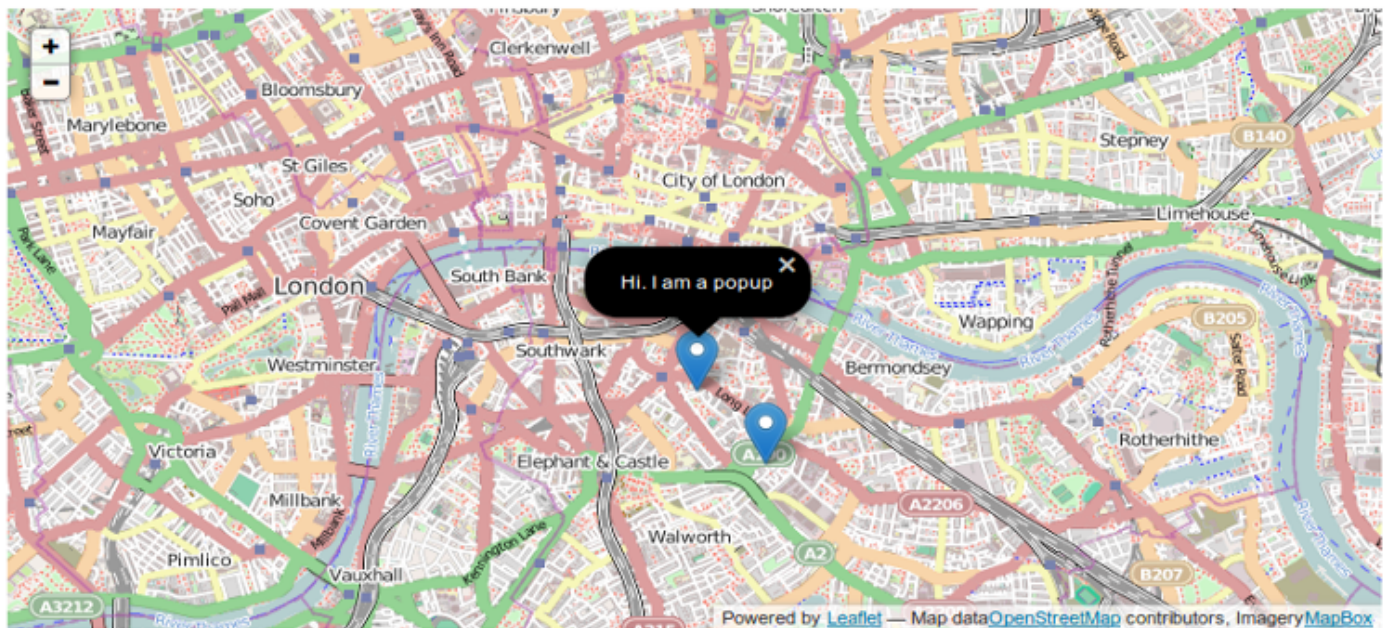


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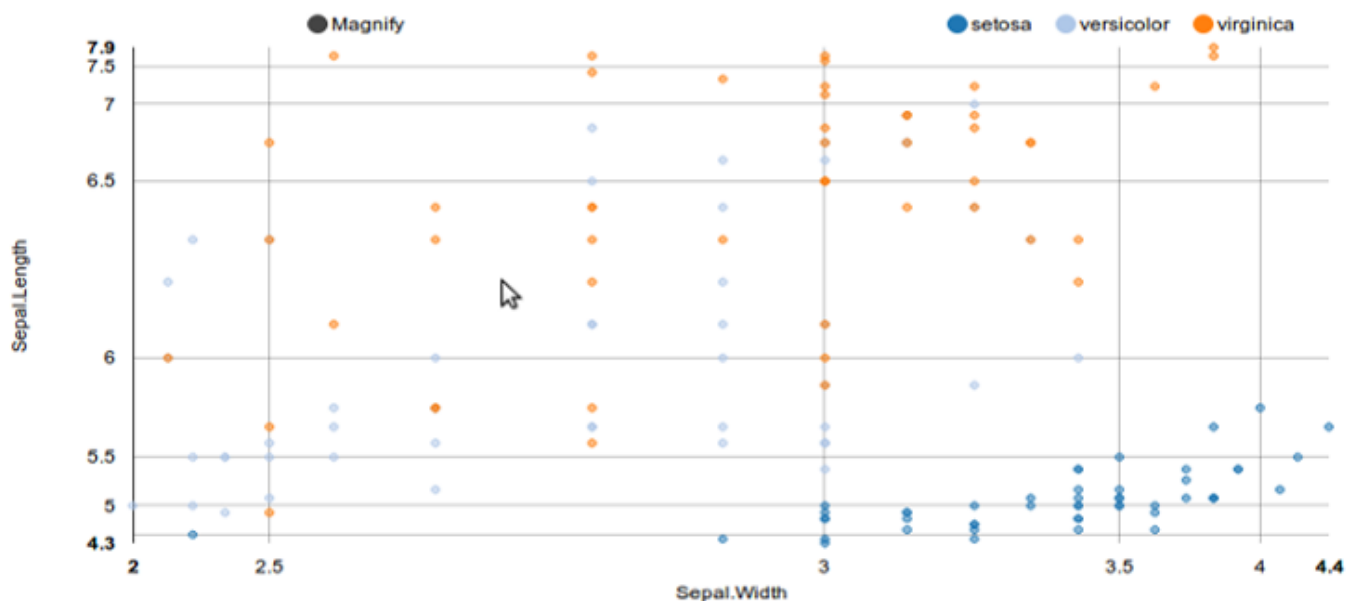
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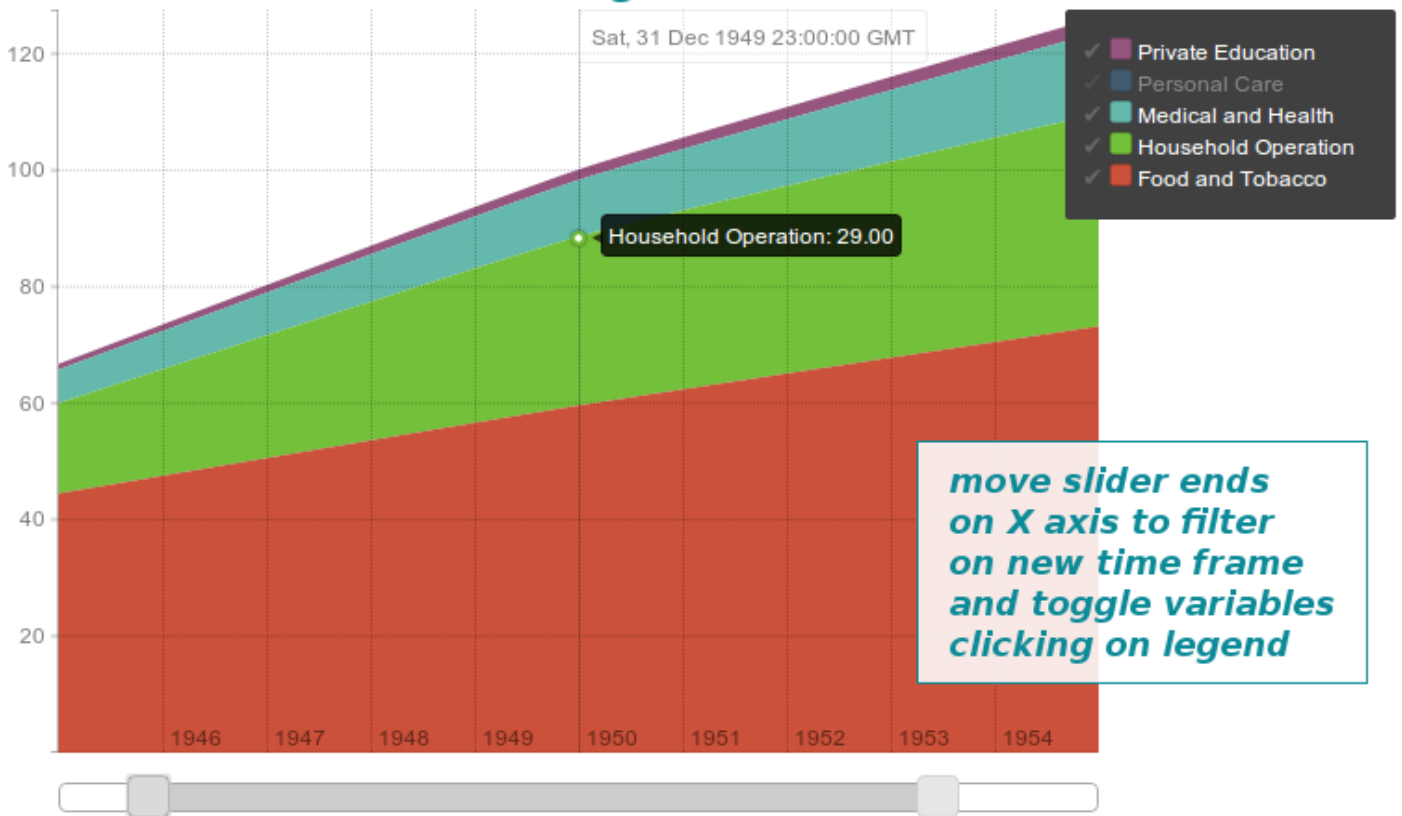


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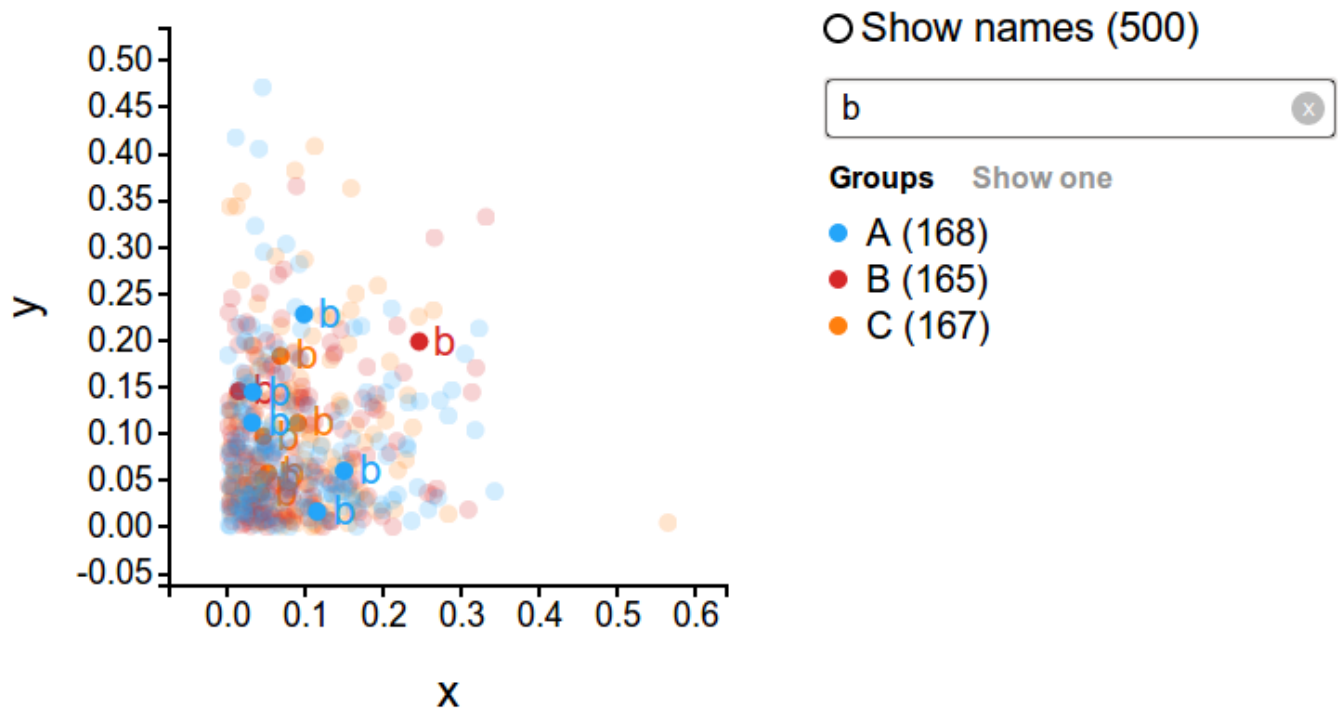
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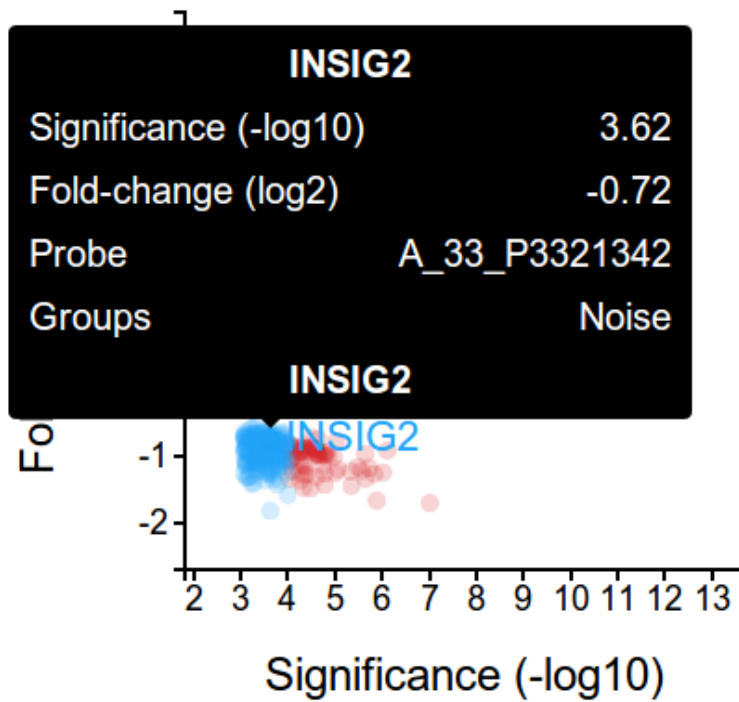
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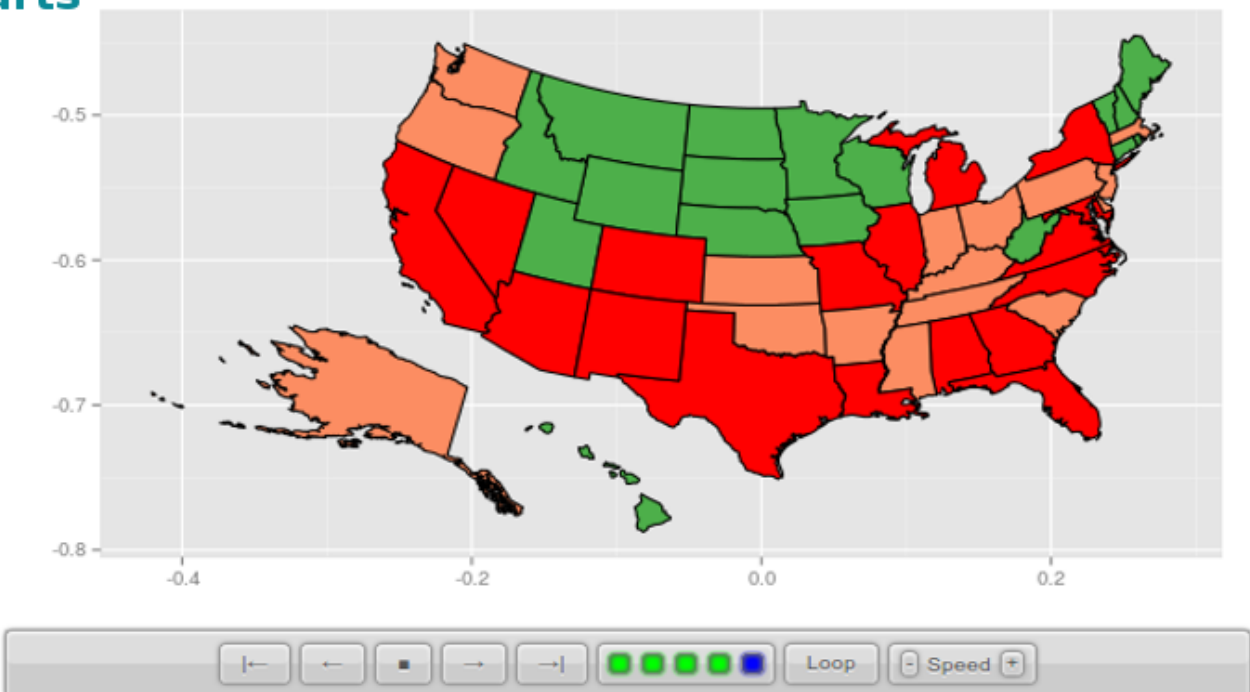
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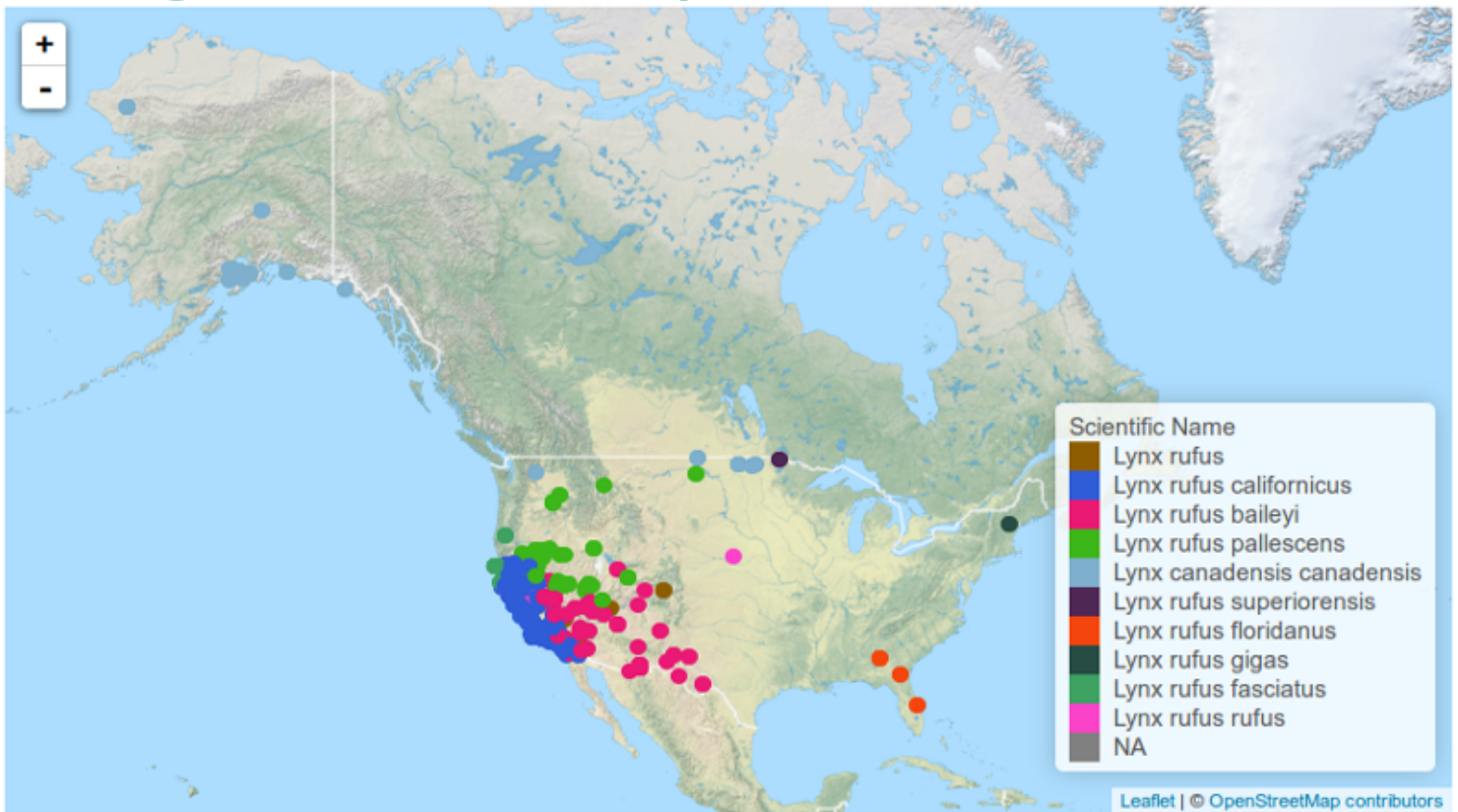
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