We hate pies

We oppose pies

We don't care

We just love pies
The table

<table>
<thead>
<tr>
<th></th>
<th>Before</th>
<th>During</th>
<th>After</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red</td>
<td>10</td>
<td>8</td>
<td>5</td>
</tr>
<tr>
<td>Green</td>
<td>7</td>
<td>6</td>
<td>3</td>
</tr>
<tr>
<td>Blue</td>
<td>5</td>
<td>2</td>
<td>4</td>
</tr>
</tbody>
</table>
bendy like spaghetti
Multiple histogram using barp

Bins

Frequency

(0,2]

(2,4]

(4,6]

(6,8]

h1

h2

h3
Test of barp, staxlab and color.legend

Day of week

Happiness rating

- Utterly dashed
- Rather mopey
- Indifferent
- Somewhat elated
- Euphoric

Day of the Week:
- Monday
- Tuesday
- Wednesday
- Thursday
- Friday
- Saturday
- Sunday

Legend:
- Slaves
- Unemployed
The battle has just begun

<table>
<thead>
<tr>
<th></th>
<th>One</th>
<th>Two</th>
<th>Three</th>
<th>Four</th>
<th>Five</th>
<th>Six</th>
<th>Seven</th>
<th>Eight</th>
<th>Nine</th>
<th>Ten</th>
</tr>
</thead>
<tbody>
<tr>
<td>First</td>
<td></td>
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<td></td>
<td></td>
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<td></td>
<td></td>
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<tr>
<td>Second</td>
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<tr>
<td>Third</td>
<td></td>
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<td></td>
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<tr>
<td>Fourth</td>
<td></td>
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<td></td>
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</tr>
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<td>Fifth</td>
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<td></td>
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</tr>
<tr>
<td>Sixth</td>
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<td></td>
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<td></td>
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</tr>
<tr>
<td>Seventh</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Eighth</td>
<td></td>
<td></td>
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<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
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<td>Ninth</td>
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</tr>
<tr>
<td>Tenth</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
The heretical boxplot

Number of observations

Value

0.0 0.2 0.4 0.6 0.8 1.0 1.2

1 2 3 4 5
Test of brkdn.plot

Cognition

Temperature range

Sydney
Gosford
Karuah
Brisbane

Cognition

Temperature range

- Sydney
- Gosford
- Karuah
- Brisbane
Percentage high school completion by over 25s

1990
- Anchorage AK
- Washington DC
- Philadelphia PA
- New York NY
- New Orleans LA
- Louisville KY
- Los Angeles CA
- Houston TX
- Chicago IL
- Boston MA

2000
- Anchorage AK
- Washington DC
- Philadelphia PA
- New York NY
- New Orleans LA
- Louisville KY
- Los Angeles CA
- Houston TX
- Chicago IL
- Boston MA
Cluster overplot test

Clustered points:
- clusteredpoints$x
- clusteredpoints$y

Graph showing clustered points with different colors.
<table>
<thead>
<tr>
<th>Row</th>
<th>2</th>
<th>4</th>
<th>6</th>
<th>8</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Cold</td>
<td>Warm</td>
<td>Hot</td>
<td>Cold</td>
<td>Warm</td>
</tr>
<tr>
<td>2</td>
<td>Cold</td>
<td>Warm</td>
<td>Hot</td>
<td>Cold</td>
<td>Warm</td>
</tr>
<tr>
<td>4</td>
<td>Cold</td>
<td>Warm</td>
<td>Hot</td>
<td>Cold</td>
<td>Warm</td>
</tr>
<tr>
<td>6</td>
<td>Cold</td>
<td>Warm</td>
<td>Hot</td>
<td>Cold</td>
<td>Warm</td>
</tr>
<tr>
<td>8</td>
<td>Cold</td>
<td>Warm</td>
<td>Hot</td>
<td>Cold</td>
<td>Warm</td>
</tr>
<tr>
<td>10</td>
<td>Cold</td>
<td>Warm</td>
<td>Hot</td>
<td>Cold</td>
<td>Warm</td>
</tr>
</tbody>
</table>

Test color legends

- Cold: Blue
- Warm: Purple
- Hot: Red
Test of RGB, HSV and HCL
Test color2D.matplot with color.legend

<table>
<thead>
<tr>
<th>Column</th>
<th>Row</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cold</td>
<td>2</td>
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<tr>
<td>Warm</td>
<td>4</td>
</tr>
<tr>
<td>Hot</td>
<td>6</td>
</tr>
<tr>
<td>Cold</td>
<td>8</td>
</tr>
<tr>
<td>Warm</td>
<td>10</td>
</tr>
</tbody>
</table>

- Cold: Blue
- Warm: Purple
- Hot: Red
Count overplot test

X values

Y values
Examples of pseudocylindrical rectangles
Dispersion as confidence band
Non-Minitab style.
Test draw.circle
test draw.ellipse
Find the empty space

Here is the empty space
Threatened species by geographical area (fan.plot)

- Asia-7737
- Africa-5994
- S America-5097
- N&C America-4716
- Oceania-2093
- Europe-1987
- Asia-7737
Test of feather.plot

Value

Time

<table>
<thead>
<tr>
<th>Time</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td></td>
</tr>
</tbody>
</table>
Floating Pie test

Pass

Pass

Fail
Test gap.boxplot

vec1

vec2
Two separated groups with gap axis break

- Group values
  - 5
  - 10
  - 15
  - 20

- Low group
- High group

Index

Group values

- Low group
- High group
Ex-drinkers vs therapists

Percent reduced drinking (ex-drinkers)

Percent reduced drinking (therapists)

X117

A

B52
Test vector.field with lengthKey
Find the maximum empty rectangle
Boxplot of y

Barplot of y

Pie chart of y

Scatterplot of y

Test of panes function
We hate pies
We oppose pies
We don't care
We cannot survive without our pies
Dendrogram of sex, hair and eye color

sex

M 46
F 54

hair

Red 12
Brown 14
Blond 11
Black 9
Red 15
Brown 12
Blond 12
Black 15

eye

Green 5
Brown 2
Black 2
Green 5
Brown 3
Blue 5
Black 1
Green 1
Brown 3
Black 4
Brown 2
Blue 2
Black 5
Green 5
Brown 6
Blue 3
Black 3
Green 5
Brown 1
Blue 2
Black 4
Green 3
Brown 4
Blue 4
Black 1
Green 1
Brown 2
Blue 9
Black 3
plotCI with extra space on the x axis
for adding horizontal error bars
plotCI with labels at points
Polygon Shadow test

Polygon shadow as a circular text background
Spiderweb plot (radial.plot)
density.default(x = faithful$eruptions, bw = 0.15)

N = 272   Bandwidth = 0.15
Delayed registrations by ICD chapter

Year


Infect/parasite

Neoplasms

Blood/immune

Endoc/metab

Mental/behav

Nervous

Eye/ear

Circulatory

Respiratory

Digestive

Skin

Genitourinary

Preg/birth

Perinatal

Symptom/sign

Congen/chrom

Not coded

Spec. purpose

External

Health status

Pct. slow

Year
Test opaque colors
Children's food preferences by sex

<table>
<thead>
<tr>
<th></th>
<th>Female</th>
<th>Male</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fatty/sugary</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fruit</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Starchy</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Meat</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Proc.meat</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Eggs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fish</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dairy</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vegetables</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Acquisition of the sample (staircase.plot)

- Contact list: 500
- Uncontactable: -72
- Declined: -94
- Ineligible: -45
- Final sample: 289
Test of twoord.plot and tab.title

Ascending values

Descending values

Sequence
many words
more words
why not?
keep going
and going
and going
and going
and going
and going
and going
and going
and going
and going
and going
and going
and going
Test thigmophobe.labels
Triax ablines
Test of triax.fill function
Clockwise axes
Adding points to a triangle plot
Test of twoord.plot and tab.title
Zoom In Plot