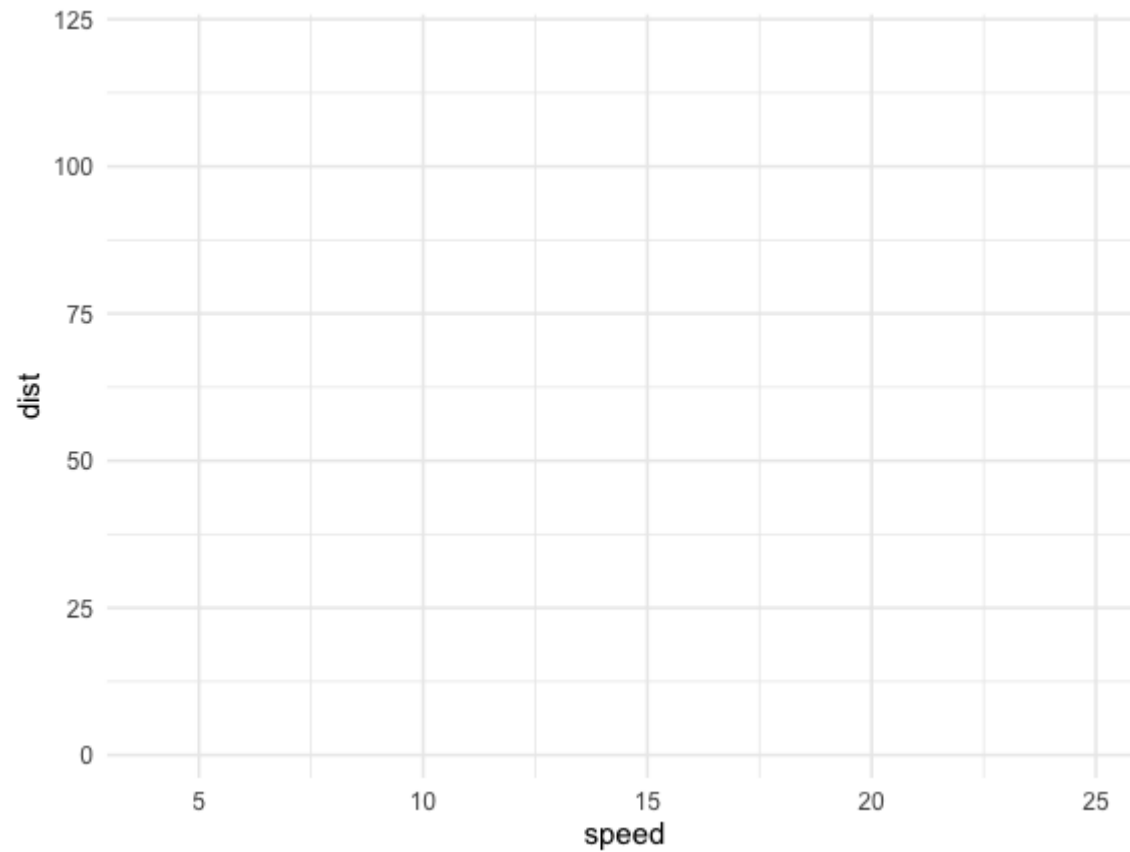




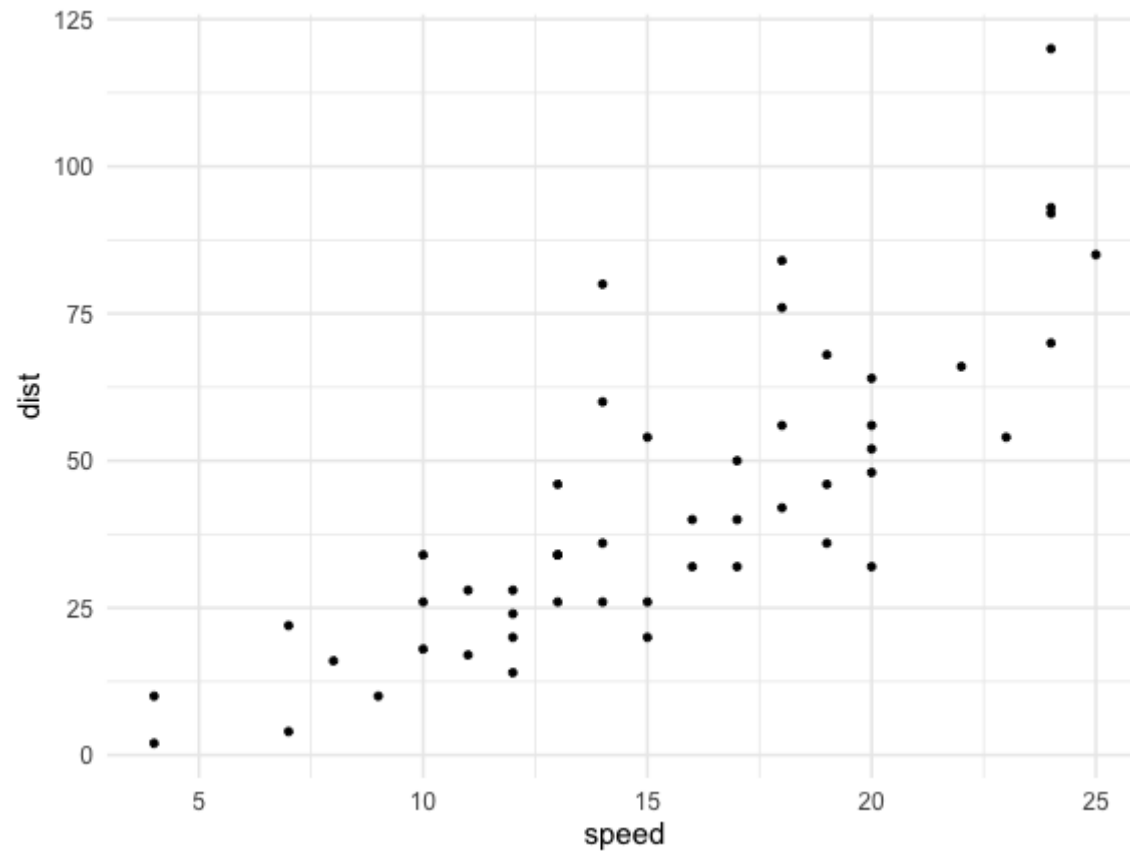
{ggstamp}

Photo Credit: Glen Carrie

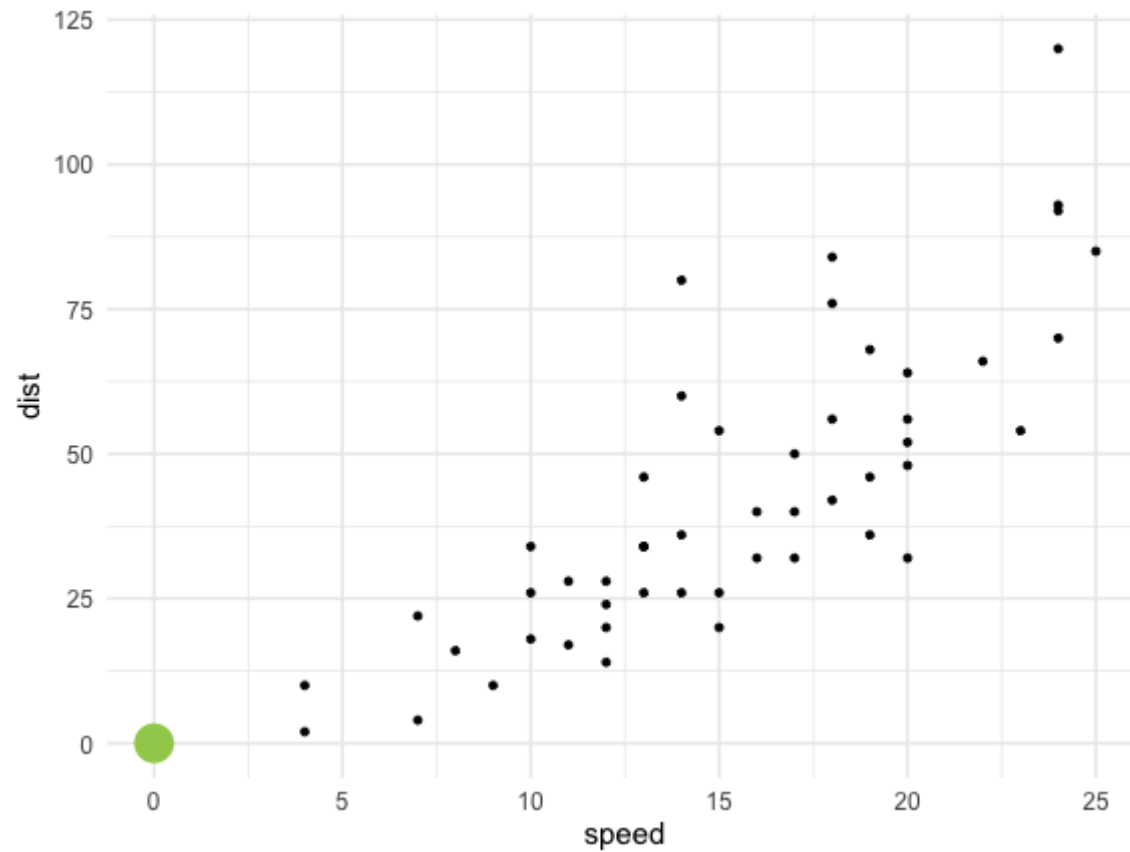
```
library(ggplot2)
library(ggstamp)
ggplot(data = cars) +
  aes(speed, dist) +
  theme_minimal(base_size = 15)
```



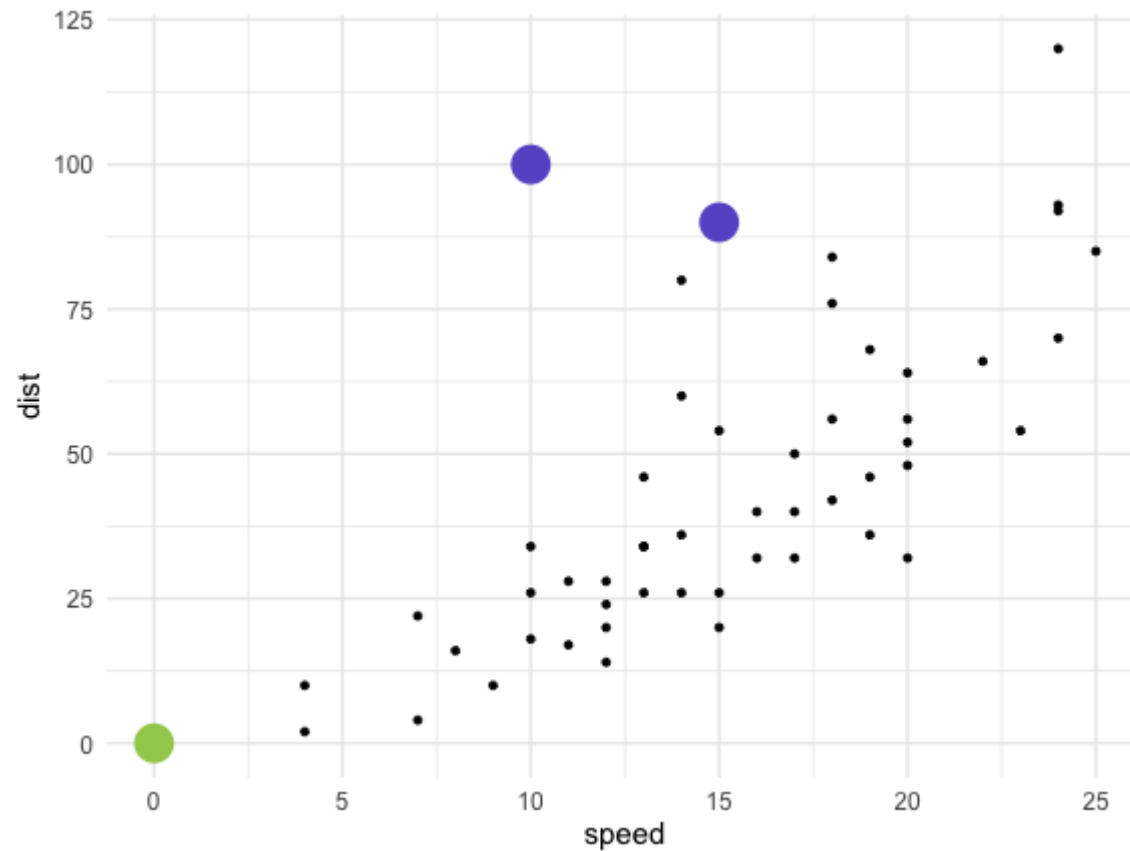
```
library(ggplot2)
library(ggstamp)
ggplot(data = cars) +
  aes(speed, dist) +
  theme_minimal(base_size = 15) +
  geom_point()
```



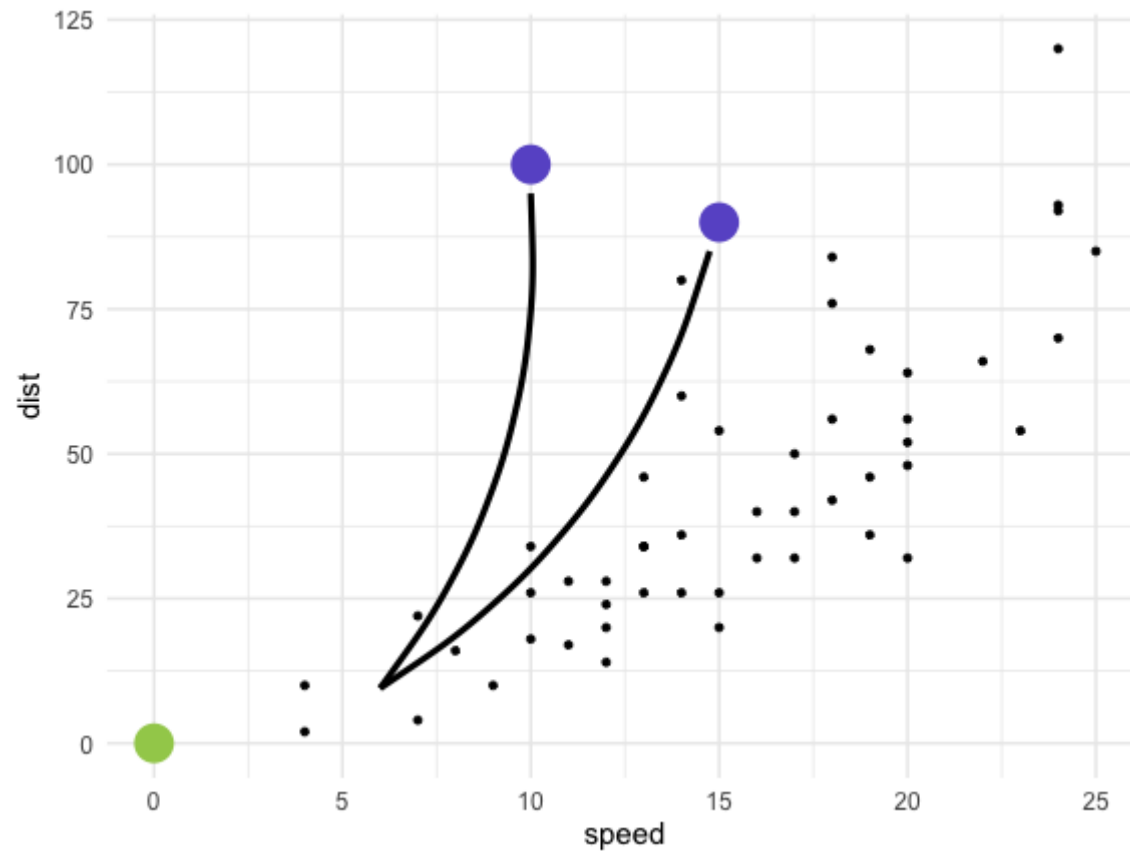
```
library(ggplot2)
library(ggstamp)
ggplot(data = cars) +
  aes(speed, dist) +
  theme_minimal(base_size = 15) +
  geom_point() +
  stamp_point(color = "darkolivegreen3")
```



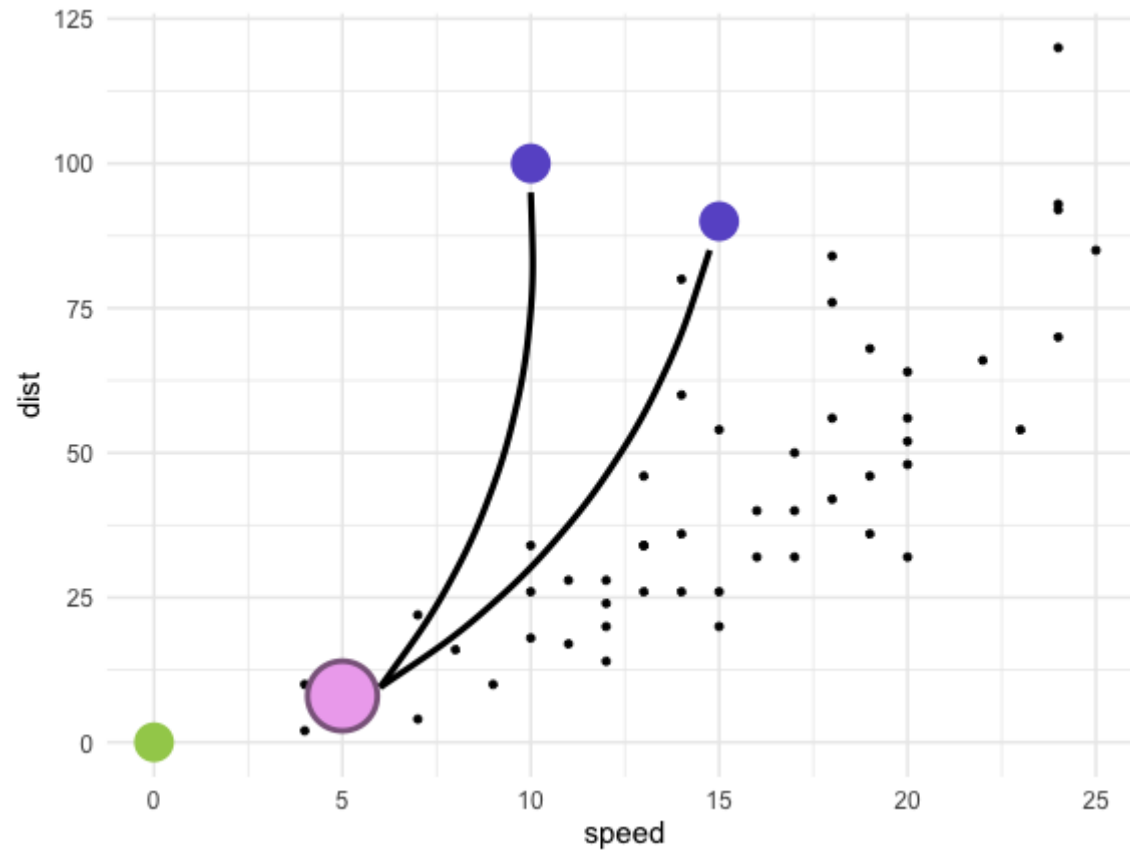
```
library(ggplot2)
library(ggstamp)
ggplot(data = cars) +
  aes(speed, dist) +
  theme_minimal(base_size = 15) +
  geom_point() +
  stamp_point(color = "darkolivegreen3") +
  stamp_point(color = "slateblue",
    x = c(10, 15),
    y = c(100, 90))
```



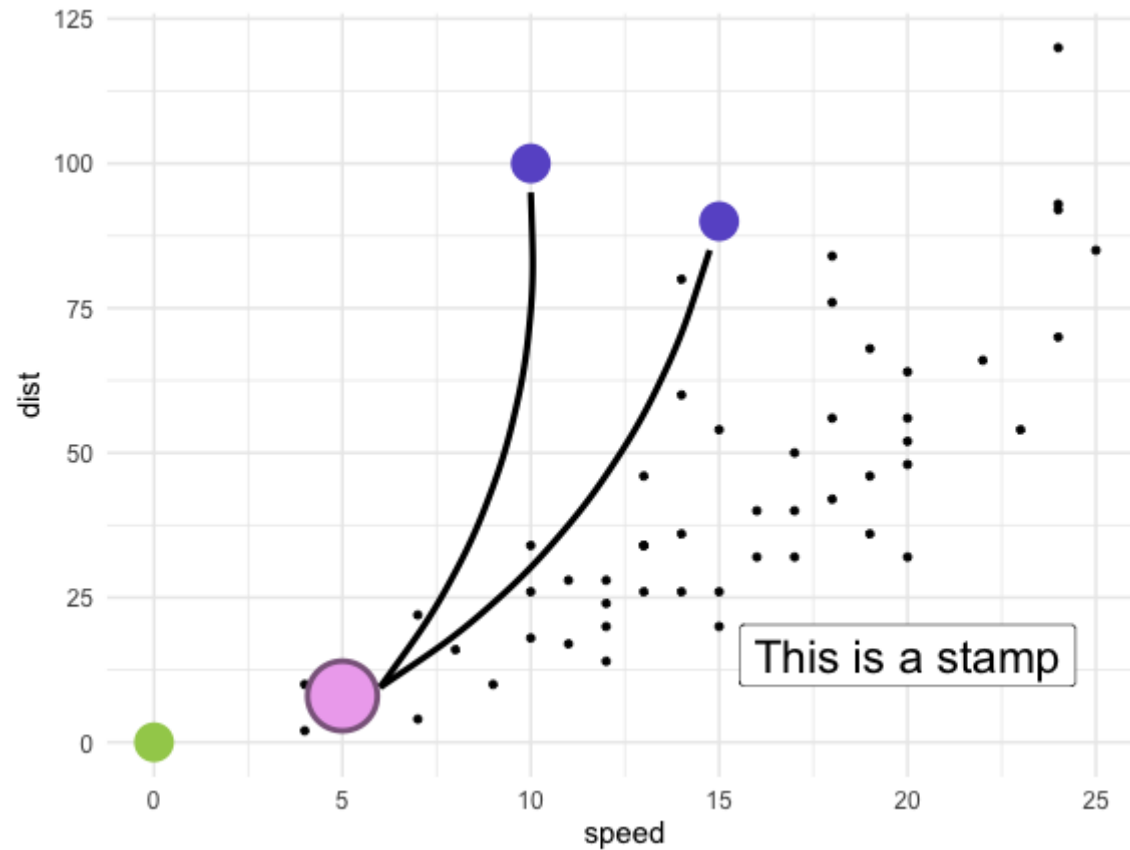
```
library(ggplot2)
library(ggstamp)
ggplot(data = cars) +
  aes(speed, dist) +
  theme_minimal(base_size = 15) +
  geom_point() +
  stamp_point(color = "darkolivegreen3") +
  stamp_point(color = "slateblue",
              x = c(10, 15),
              y = c(100, 90)) +
  stamp_curve(x = 6, xend = c(10, 14.75),
             y = 9.5, yend = c(95, 85),
             curvature = .2)
```



```
library(ggplot2)
library(ggstamp)
ggplot(data = cars) +
  aes(speed, dist) +
  theme_minimal(base_size = 15) +
  geom_point() +
  stamp_point(color = "darkolivegreen3") +
  stamp_point(color = "slateblue",
    x = c(10, 15),
    y = c(100, 90)) +
  stamp_curve(x = 6, xend = c(10, 14.75),
    y = 9.5, yend = c(95, 85),
    curvature = .2) +
  stamp_bubble(fill = "plum2",
    color = "plum4",
    size = 15,
    x = 5, y = 8)
```



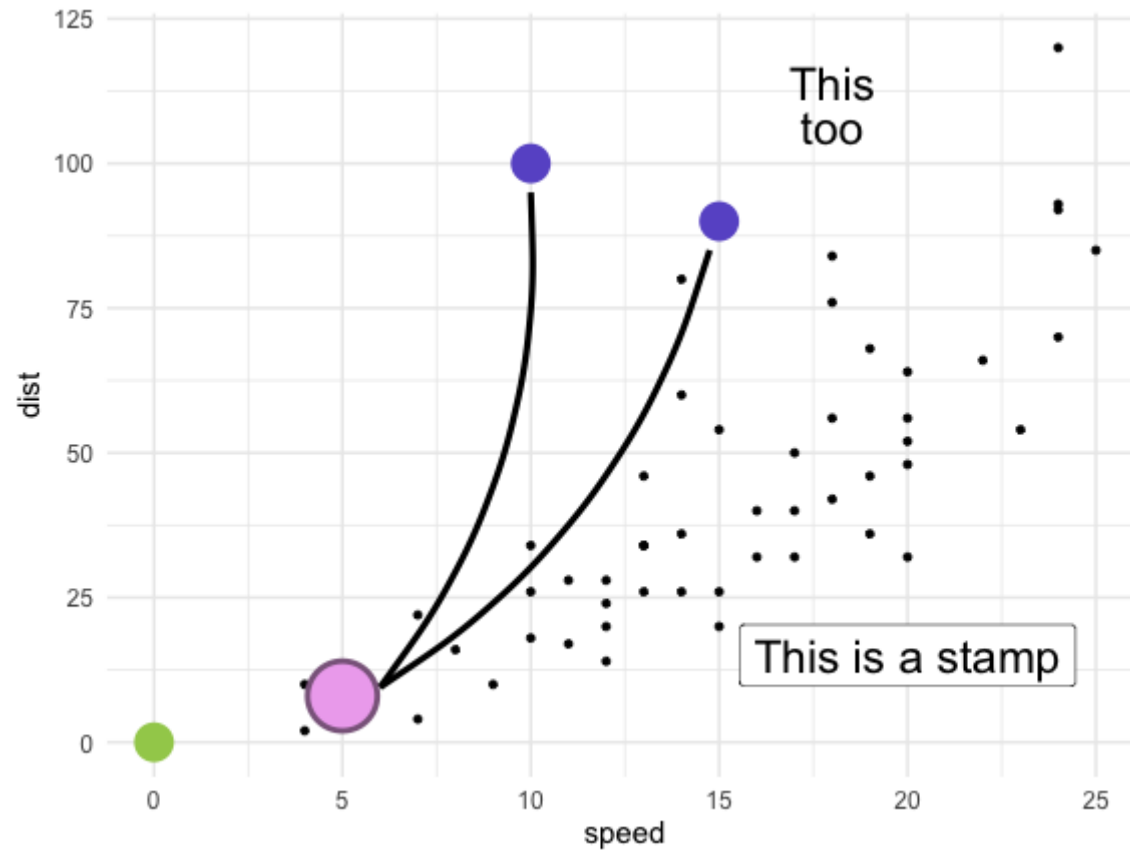
```
library(ggplot2)
library(ggstamp)
ggplot(data = cars) +
  aes(speed, dist) +
  theme_minimal(base_size = 15) +
  geom_point() +
  stamp_point(color = "darkolivegreen3") +
  stamp_point(color = "slateblue",
    x = c(10, 15),
    y = c(100, 90)) +
  stamp_curve(x = 6, xend = c(10, 14.75),
    y = 9.5, yend = c(95, 85),
    curvature = .2) +
  stamp_bubble(fill = "plum2",
    color = "plum4",
    size = 15,
    x = 5, y = 8) +
  stamp_label(label = "This is a stamp",
    x = 20,
    y = 15)
```




```

library(ggplot2)
library(ggstamp)
ggplot(data = cars) +
  aes(speed, dist) +
  theme_minimal(base_size = 15) +
  geom_point() +
  stamp_point(color = "darkolivegreen3") +
  stamp_point(color = "slateblue",
              x = c(10, 15),
              y = c(100, 90)) +
  stamp_curve(x = 6, xend = c(10, 14.75),
             y = 9.5, yend = c(95, 85),
             curvature = .2) +
  stamp_bubble(fill = "plum2",
              color = "plum4",
              size = 15,
              x = 5, y = 8) +
  stamp_label(label = "This is a stamp",
             x = 20,
             y = 15) +
  stamp_text(label = "This\ntoo",
            x = 18,
            y = 110,
            lineheight = .8)

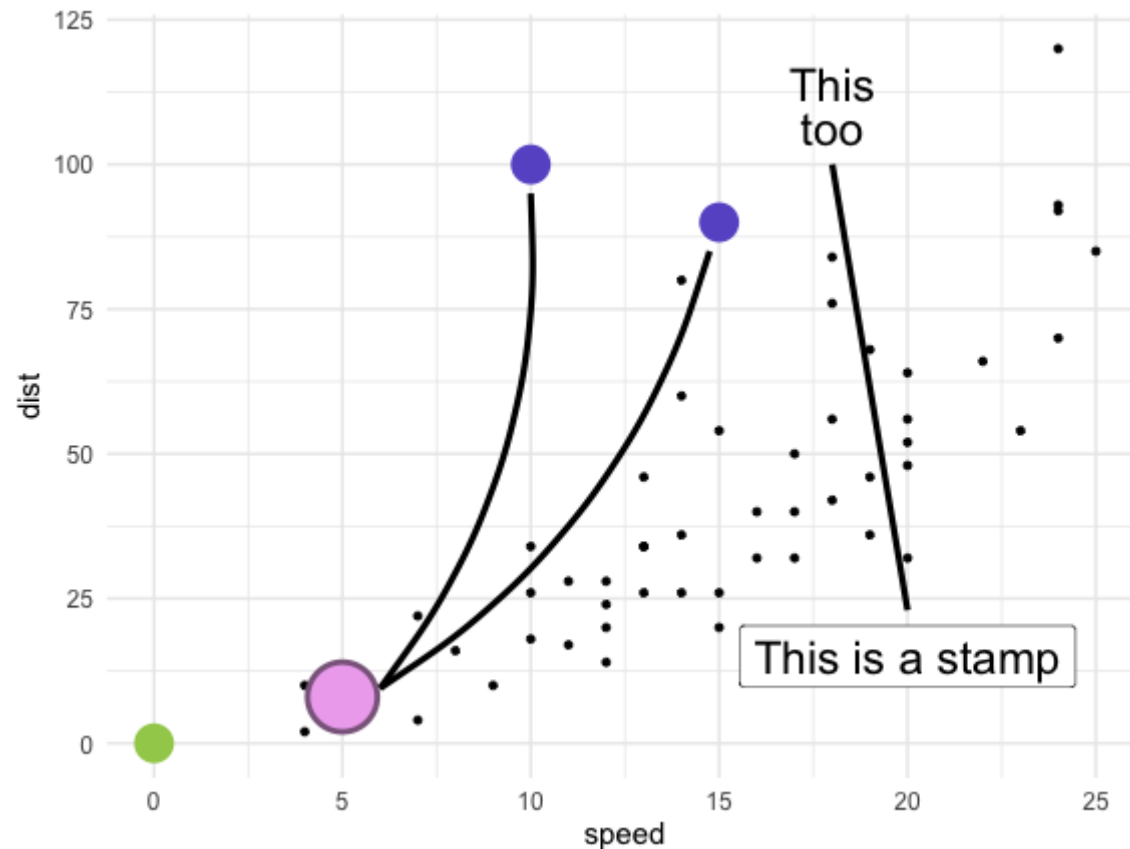
```



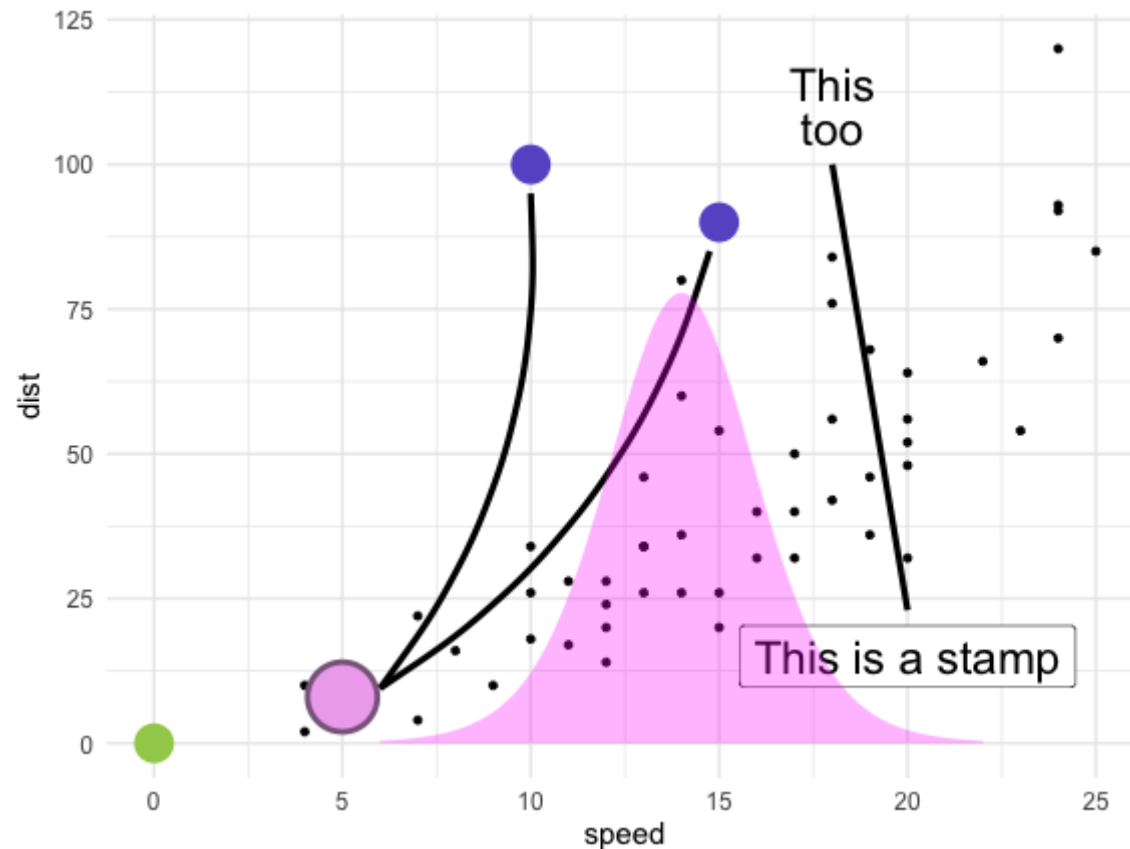
```

library(ggplot2)
library(ggstamp)
ggplot(data = cars) +
  aes(speed, dist) +
  theme_minimal(base_size = 15) +
  geom_point() +
  stamp_point(color = "darkolivegreen3") +
  stamp_point(color = "slateblue",
    x = c(10, 15),
    y = c(100, 90)) +
  stamp_curve(x = 6, xend = c(10, 14.75),
    y = 9.5, yend = c(95, 85),
    curvature = .2) +
  stamp_bubble(fill = "plum2",
    color = "plum4",
    size = 15,
    x = 5, y = 8) +
  stamp_label(label = "This is a stamp",
    x = 20,
    y = 15) +
  stamp_text(label = "This\ntoo",
    x = 18,
    y = 110,
    lineheight = .8) +
  stamp_segment(x = 20, xend = 18,
    y = 23, yend = 100)

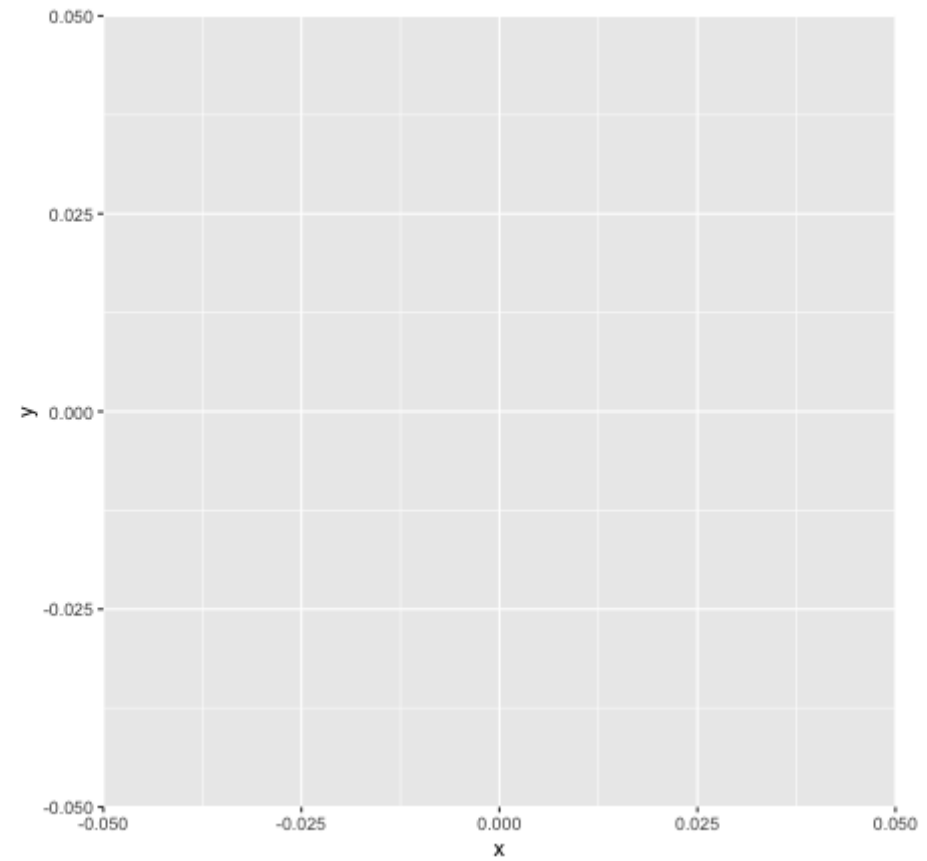
```



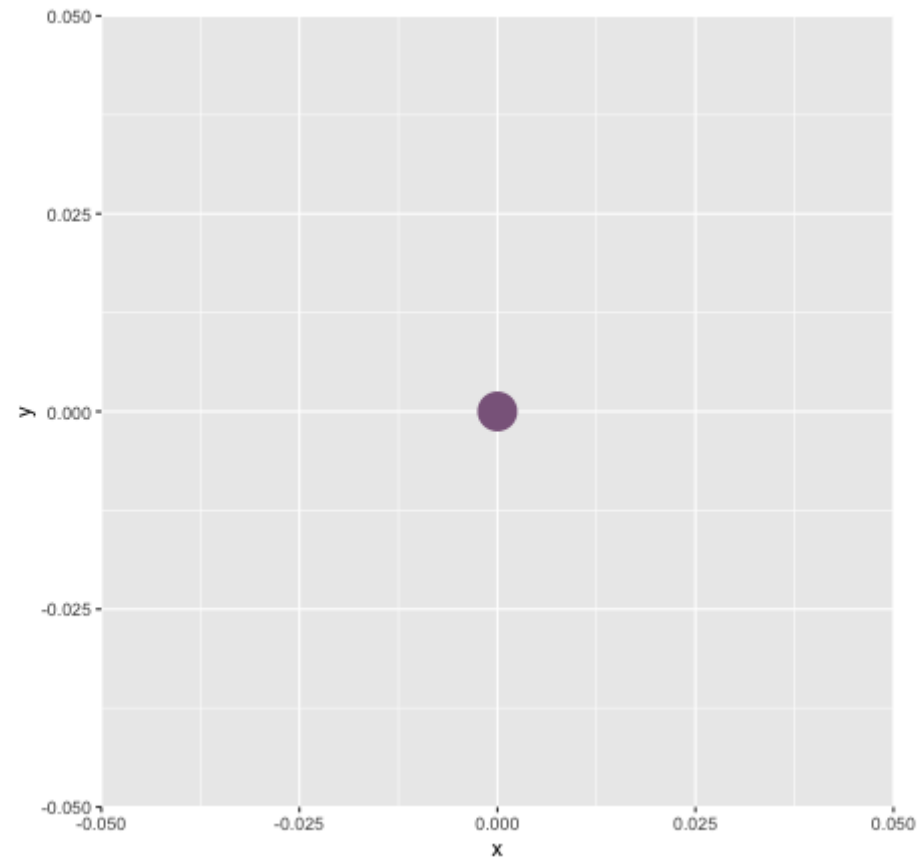
```
library(ggplot2)
library(ggstamp)
ggplot(data = cars) +
  aes(speed, dist) +
  theme_minimal(base_size = 15) +
  geom_point() +
  stamp_point(color = "darkolivegreen3") +
  stamp_point(color = "slateblue",
    x = c(10, 15),
    y = c(100, 90)) +
  stamp_curve(x = 6, xend = c(10, 14.75),
    y = 9.5, yend = c(95, 85),
    curvature = .2) +
  stamp_bubble(fill = "plum2",
    color = "plum4",
    size = 15,
    x = 5, y = 8) +
  stamp_label(label = "This is a stamp",
    x = 20,
    y = 15) +
  stamp_text(label = "This\ntoo",
    x = 18,
    y = 110,
    lineheight = .8) +
  stamp_segment(x = 20, xend = 18,
    y = 23, yend = 100) +
  ggxmean::stamp_normal_dist(
    height = 200,
    fill = "magenta",
    mean = 14, sd = 2)
```



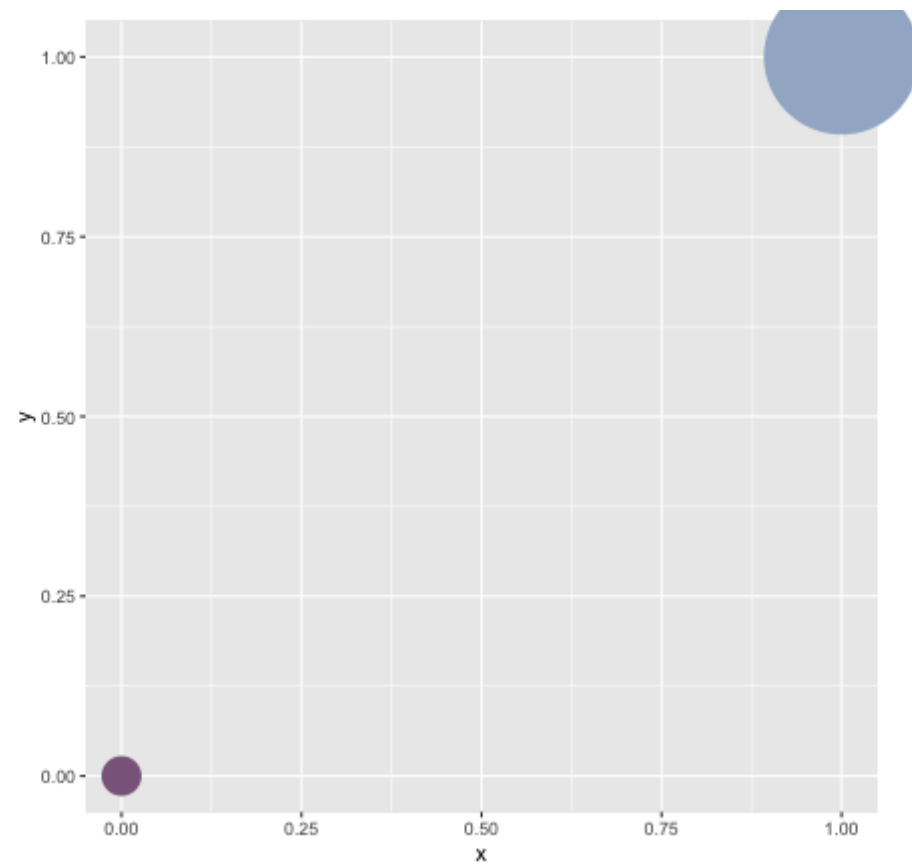
```
ggcanvas()
```



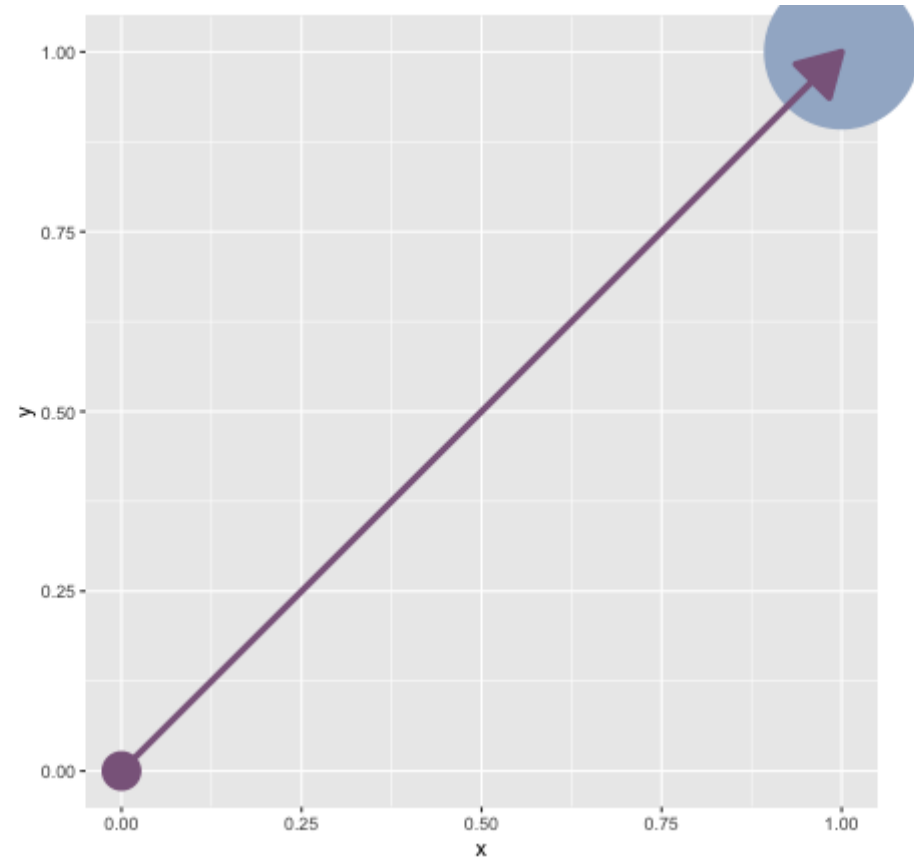
```
ggcanvas() +  
  stamp_point(color = "plum4")
```



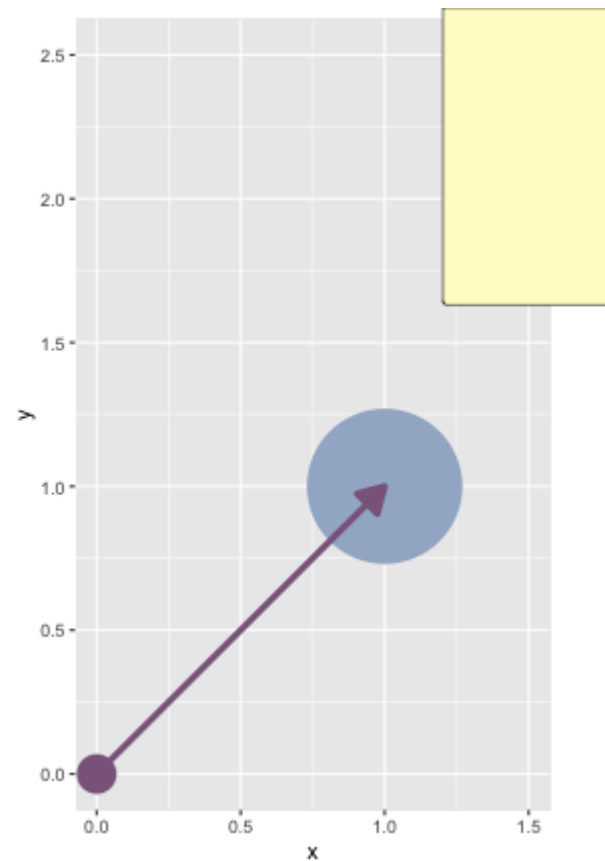
```
ggcanvas() +  
  stamp_point(color = "plum4") +  
  stamp_point(x = 1, y = 1,  
              color = "lightsteelblue3",  
              size = 35)
```



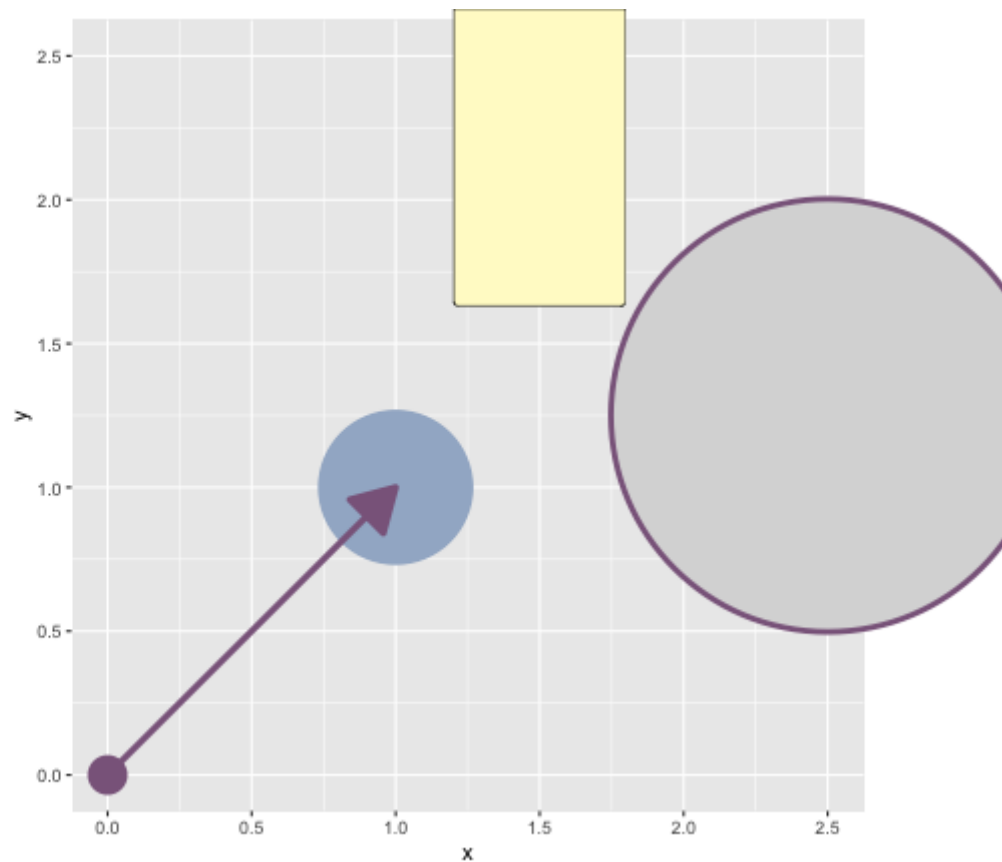
```
ggcanvas() +  
  stamp_point(color = "plum4") +  
  stamp_point(x = 1, y = 1,  
             color = "lightsteelblue3",  
             size = 35) +  
  stamp_arrow(color = "plum4",  
             headlength = .06,  
             type = "closed")
```



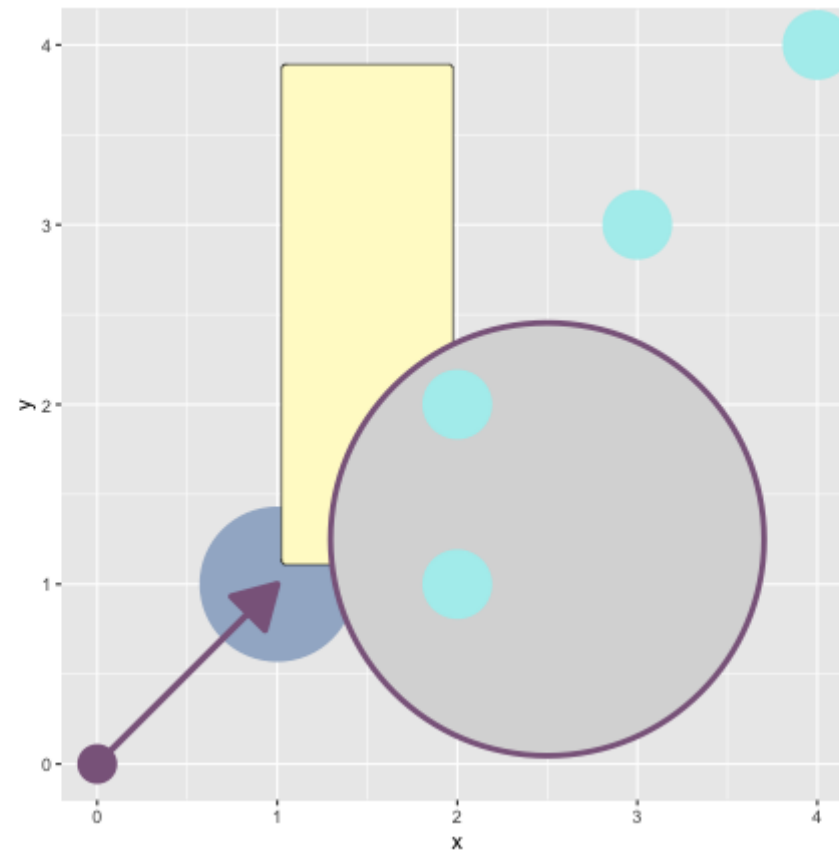
```
ggcanvas() +
  stamp_point(color = "plum4") +
  stamp_point(x = 1, y = 1,
              color = "lightsteelblue3",
              size = 35) +
  stamp_arrow(color = "plum4",
              headlength = .06,
              type = "closed") +
  stamp_label(1.5, 2.5, label = "      \n\n\n\n\n",
              size = 15,
              fill = "lemonchiffon", )
```



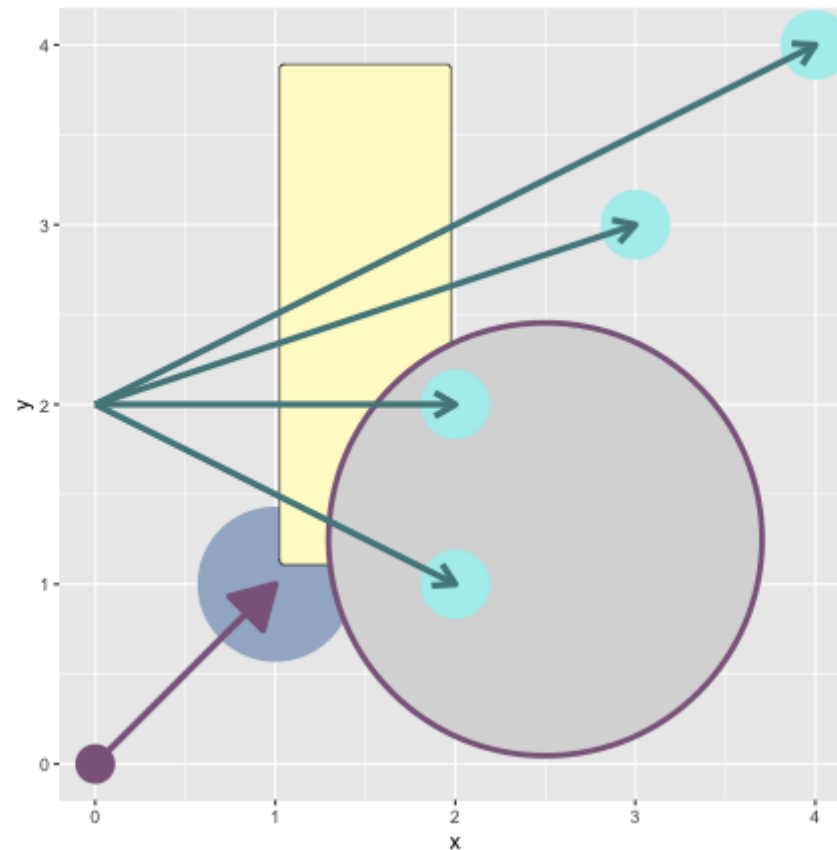

```
ggcanvas() +
  stamp_point(color = "plum4") +
  stamp_point(x = 1, y = 1,
    color = "lightsteelblue3",
    size = 35) +
  stamp_arrow(color = "plum4",
    headlength = .06,
    type = "closed") +
  stamp_label(1.5, 2.5, label = "      \n\n\n\n\n",
    size = 15,
    fill = "lemonchiffon", ) +
  stamp_bubble(2.5, 1.25, size = 100,
    color = "plum4")
```



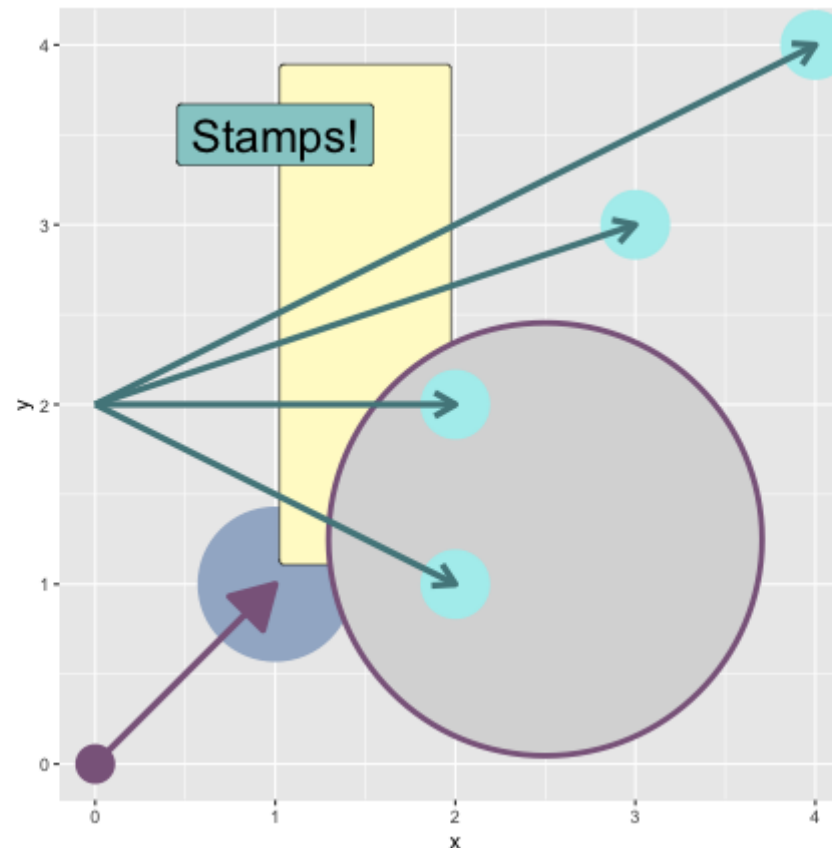
```
ggcanvas() +
  stamp_point(color = "plum4") +
  stamp_point(x = 1, y = 1,
    color = "lightsteelblue3",
    size = 35) +
  stamp_arrow(color = "plum4",
    headlength = .06,
    type = "closed") +
  stamp_label(1.5, 2.5, label = "      \n\n\n\n\n",
    size = 15,
    fill = "lemonchiffon", ) +
  stamp_bubble(2.5, 1.25, size = 100,
    color = "plum4") +
  stamp_point(x = c(2,2:4), y = 1:4,
    color = "paleturquoise",
    size = 15)
```



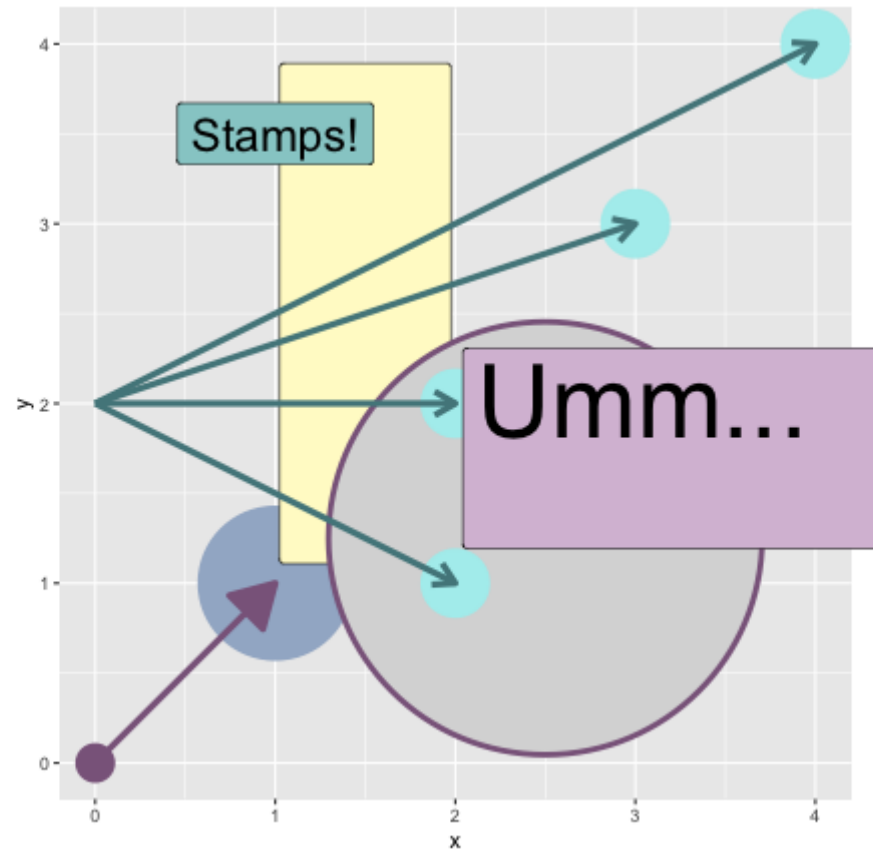
```
ggcanvas() +
  stamp_point(color = "plum4") +
  stamp_point(x = 1, y = 1,
    color = "lightsteelblue3",
    size = 35) +
  stamp_arrow(color = "plum4",
    headlength = .06,
    type = "closed") +
  stamp_label(1.5, 2.5, label = "      \n\n\n\n\n",
    size = 15,
    fill = "lemonchiffon", ) +
  stamp_bubble(2.5, 1.25, size = 100,
    color = "plum4") +
  stamp_point(x = c(2,2:4), y = 1:4,
    color = "paleturquoise",
    size = 15) +
  stamp_arrow(y = 2, yend = 1:4,
    xend = c(2,2:4),
    color = "cadetblue4")
```



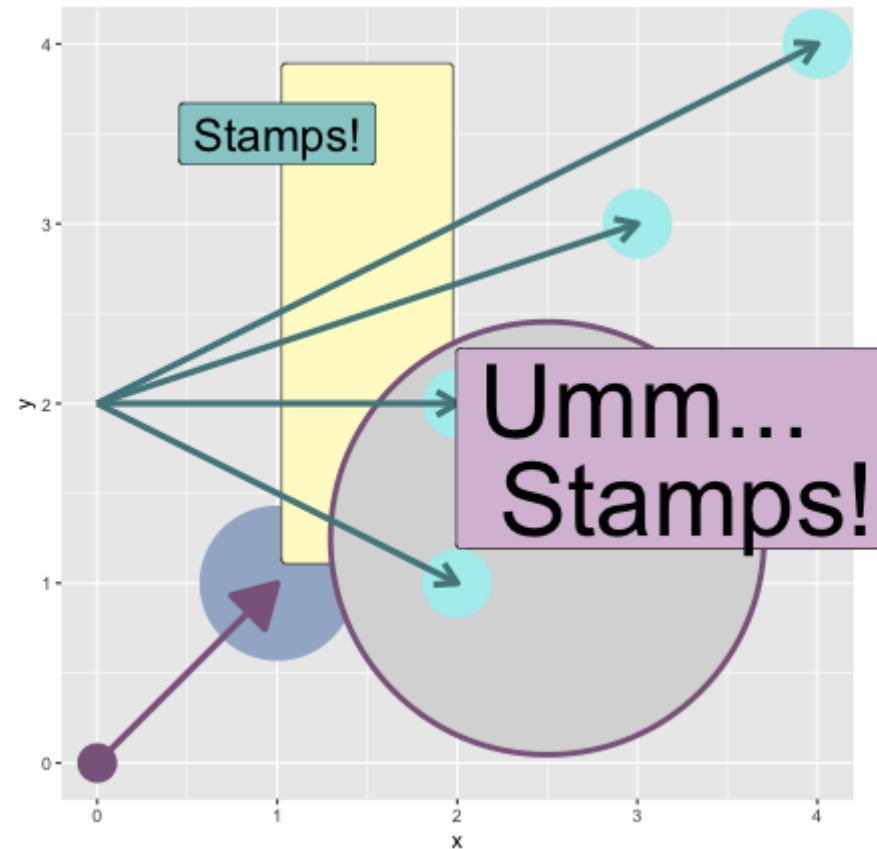
```
ggcanvas() +
  stamp_point(color = "plum4") +
  stamp_point(x = 1, y = 1,
    color = "lightsteelblue3",
    size = 35) +
  stamp_arrow(color = "plum4",
    headlength = .06,
    type = "closed") +
  stamp_label(1.5, 2.5, label = "      \n\n\n\n\n",
    size = 15,
    fill = "lemonchiffon", ) +
  stamp_bubble(2.5, 1.25, size = 100,
    color = "plum4") +
  stamp_point(x = c(2,2:4), y = 1:4,
    color = "paleturquoise",
    size = 15) +
  stamp_arrow(y = 2, yend = 1:4,
    xend = c(2,2:4),
    color = "cadetblue4") +
  stamp_label(1, 3.5, label = "Stamps!",
    fill = "paleturquoise3")
```



```
ggcanvas() +
  stamp_point(color = "plum4") +
  stamp_point(x = 1, y = 1,
    color = "lightsteelblue3",
    size = 35) +
  stamp_arrow(color = "plum4",
    headlength = .06,
    type = "closed") +
  stamp_label(1.5, 2.5, label = "      \n\n\n\n\n",
    size = 15,
    fill = "lemonchiffon", ) +
  stamp_bubble(2.5, 1.25, size = 100,
    color = "plum4") +
  stamp_point(x = c(2,2:4), y = 1:4,
    color = "paleturquoise",
    size = 15) +
  stamp_arrow(y = 2, yend = 1:4,
    xend = c(2,2:4),
    color = "cadetblue4") +
  stamp_label(1, 3.5, label = "Stamps!",
    fill = "paleturquoise3") +
  stamp_label(3.2, 1.75, label = "Umm... \n",
    size = 18,
    fill = "thistle")
```



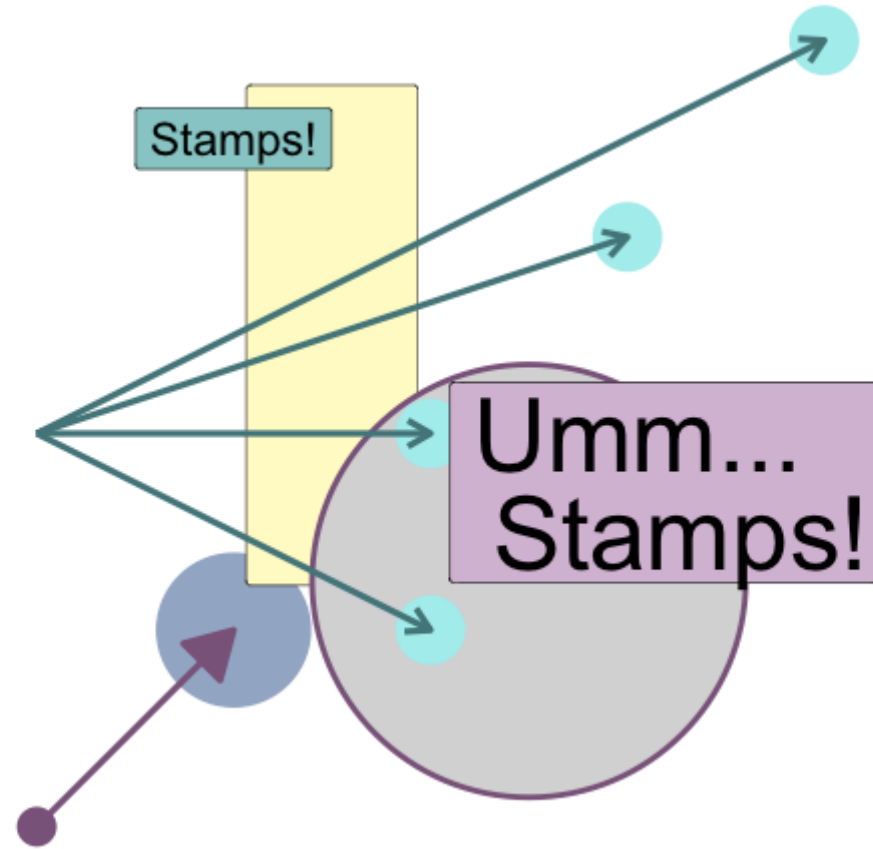
```
ggcanvas() +
  stamp_point(color = "plum4") +
  stamp_point(x = 1, y = 1,
    color = "lightsteelblue3",
    size = 35) +
  stamp_arrow(color = "plum4",
    headlength = .06,
    type = "closed") +
  stamp_label(1.5, 2.5, label = "      \n\n\n\n\n",
    size = 15,
    fill = "lemonchiffon", ) +
  stamp_bubble(2.5, 1.25, size = 100,
    color = "plum4") +
  stamp_point(x = c(2,2:4), y = 1:4,
    color = "paleturquoise",
    size = 15) +
  stamp_arrow(y = 2, yend = 1:4,
    xend = c(2,2:4),
    color = "cadetblue4") +
  stamp_label(1, 3.5, label = "Stamps!",
    fill = "paleturquoise3") +
  stamp_label(3.2, 1.75, label = "Umm... \n",
    size = 18,
    fill = "thistle") +
  stamp_label(3.2, 1.75, label = "Umm... \n Stamps!",
    size = 18,
    fill = "thistle")
```



```

ggcanvas() +
  stamp_point(color = "plum4") +
  stamp_point(x = 1, y = 1,
    color = "lightsteelblue3",
    size = 35) +
  stamp_arrow(color = "plum4",
    headlength = .06,
    type = "closed") +
  stamp_label(1.5, 2.5, label = "      \n\n\n\n\n",
    size = 15,
    fill = "lemonchiffon", ) +
  stamp_bubble(2.5, 1.25, size = 100,
    color = "plum4") +
  stamp_point(x = c(2,2:4), y = 1:4,
    color = "paleturquoise",
    size = 15) +
  stamp_arrow(y = 2, yend = 1:4,
    xend = c(2,2:4),
    color = "cadetblue4") +
  stamp_label(1, 3.5, label = "Stamps!",
    fill = "paleturquoise3") +
  stamp_label(3.2, 1.75, label = "Umm... \n",
    size = 18,
    fill = "thistle") +
  stamp_label(3.2, 1.75, label = "Umm... \n Stamps!",
    size = 18,
    fill = "thistle") +
  theme_void()

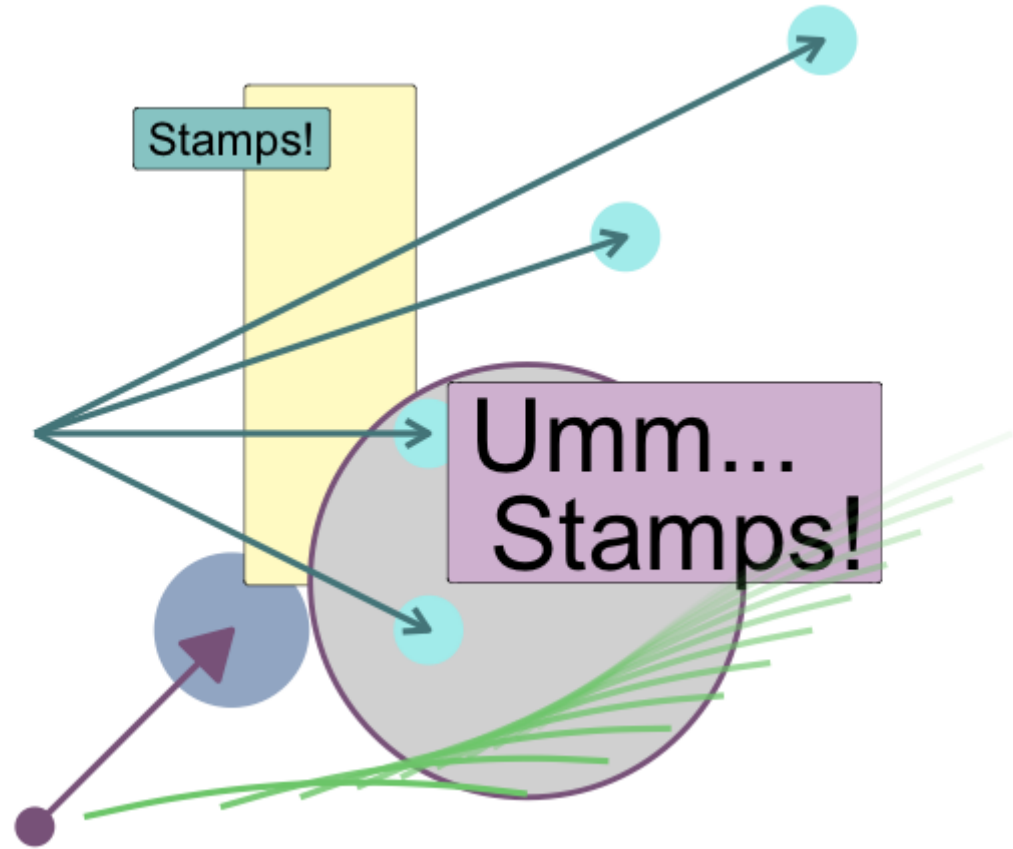
```



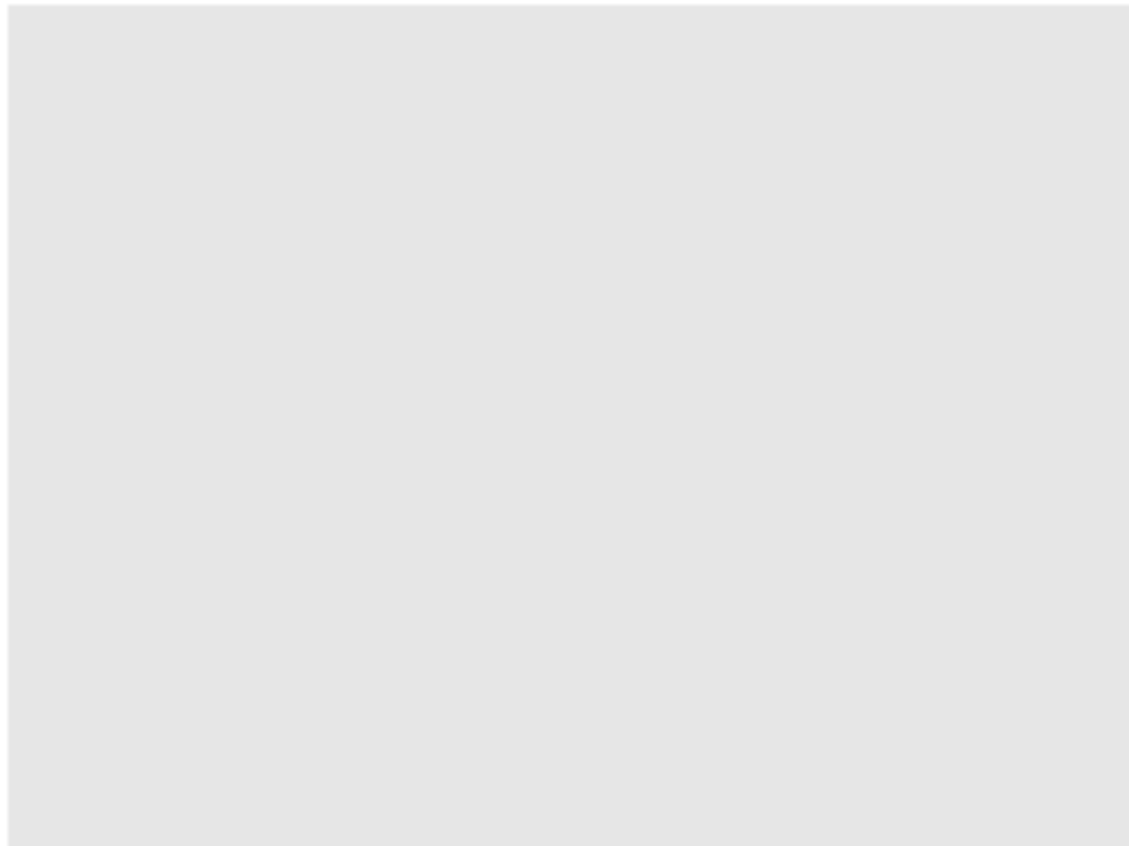
```

ggcanvas() +
  stamp_point(color = "plum4") +
  stamp_point(x = 1, y = 1,
    color = "lightsteelblue3",
    size = 35) +
  stamp_arrow(color = "plum4",
    headlength = .06,
    type = "closed") +
  stamp_label(1.5, 2.5, label = "      \n\n\n\n\n",
    size = 15,
    fill = "lemonchiffon", ) +
  stamp_bubble(2.5, 1.25, size = 100,
    color = "plum4") +
  stamp_point(x = c(2,2:4), y = 1:4,
    color = "paleturquoise",
    size = 15) +
  stamp_arrow(y = 2, yend = 1:4,
    xend = c(2,2:4),
    color = "cadetblue4") +
  stamp_label(1, 3.5, label = "Stamps!",
    fill = "paleturquoise3") +
  stamp_label(3.2, 1.75, label = "Umm... \n",
    size = 18,
    fill = "thistle") +
  stamp_label(3.2, 1.75, label = "Umm... \n Stamps!",
    size = 18,
    fill = "thistle") +
  theme_void() +
  stamp_curve(x = .25 + log(1:12),
    xend = 1.5 + sqrt(1:12),
    y = 0 + 1:12/20,
    color = "palegreen3",
    yend = 1:12/6,
    curvature = -.1,
    alpha = 12:1/12)

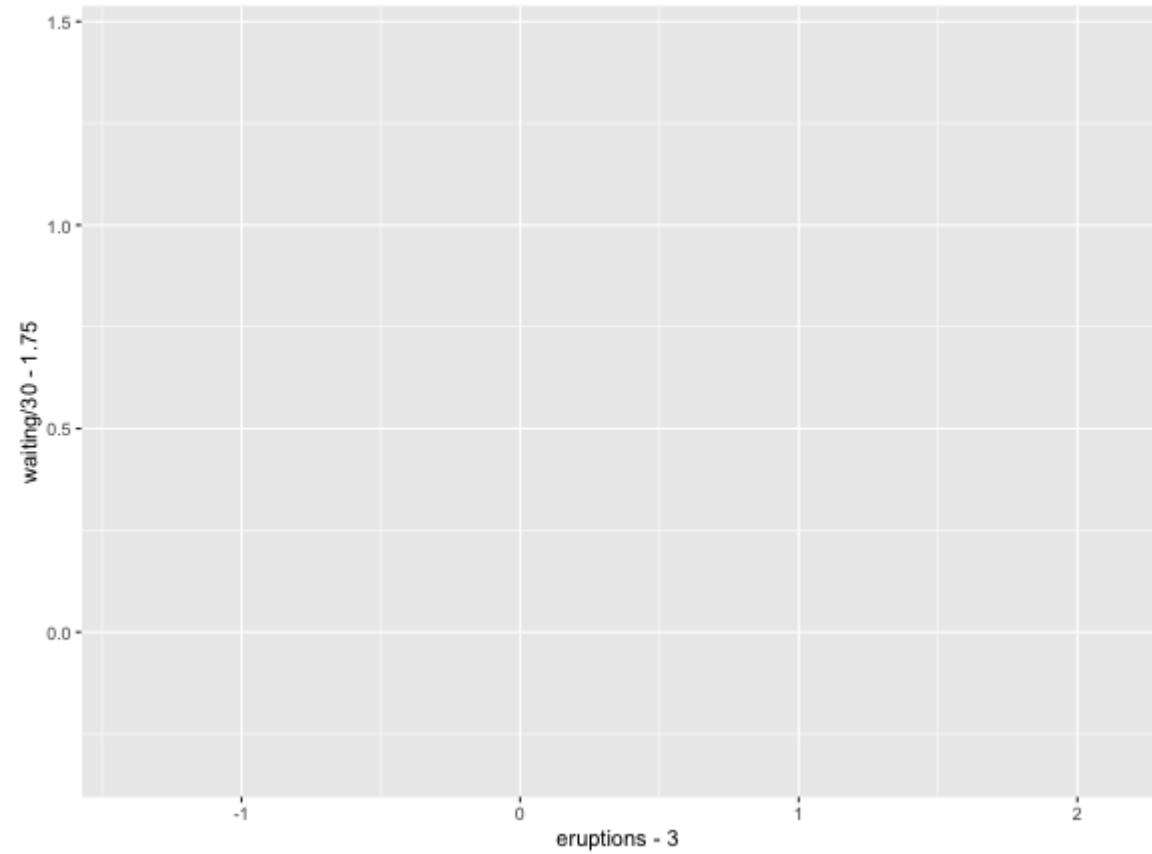
```



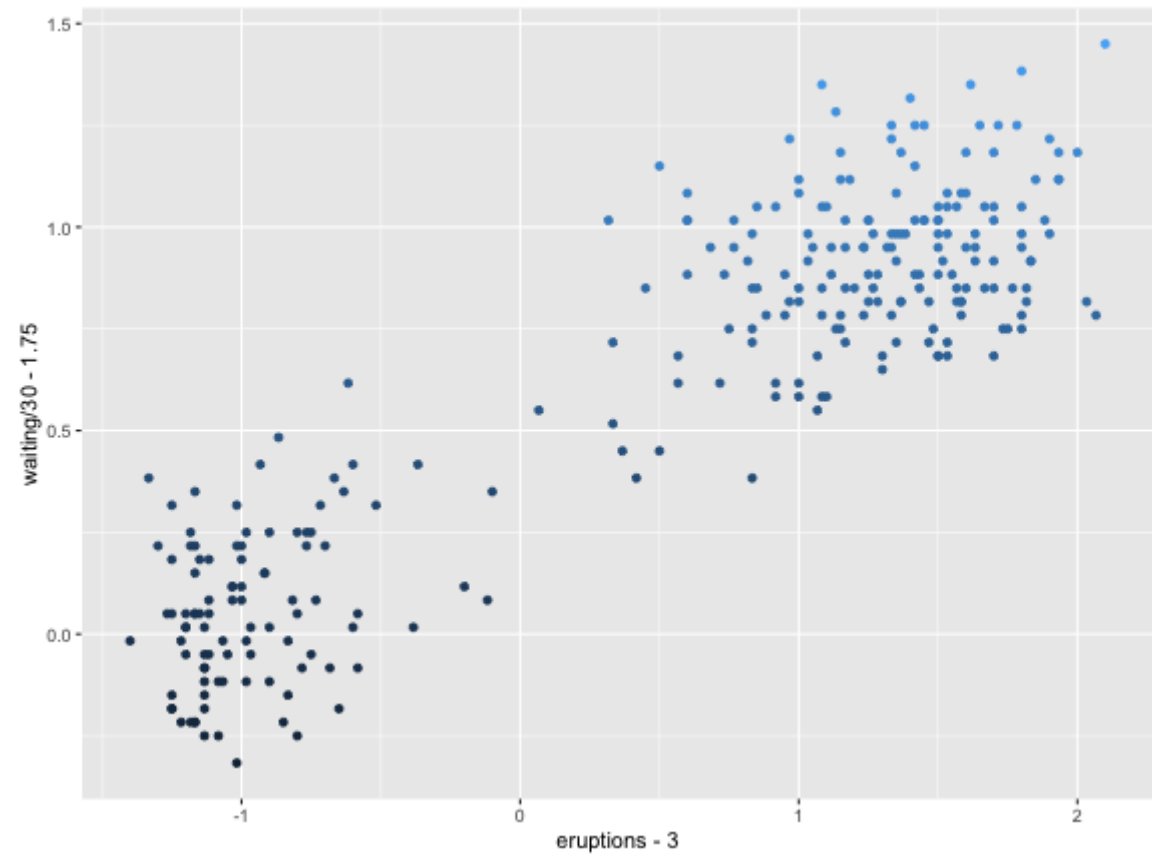

```
ggplot(data = faithful)
```



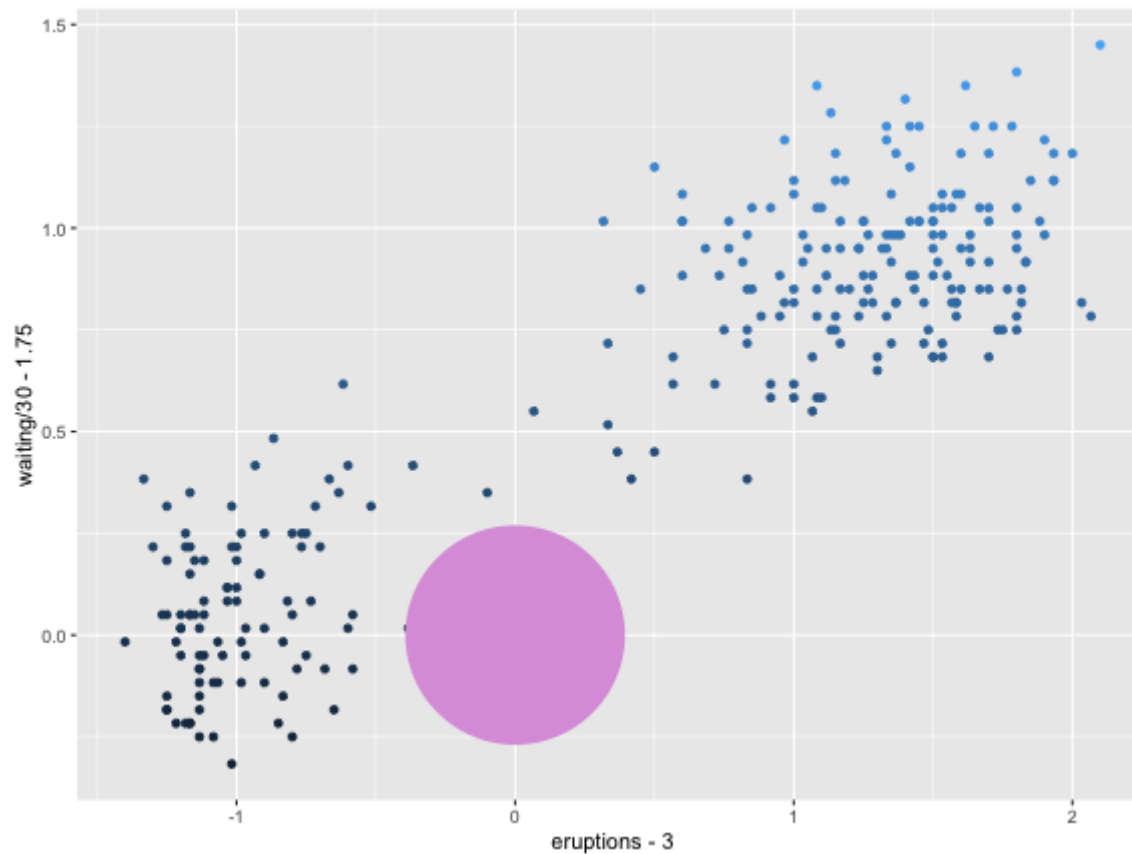
```
ggplot(data = faithful) +  
  aes(x = eruptions - 3,  
      y = waiting/30 - 1.75,  
      color = waiting)
```



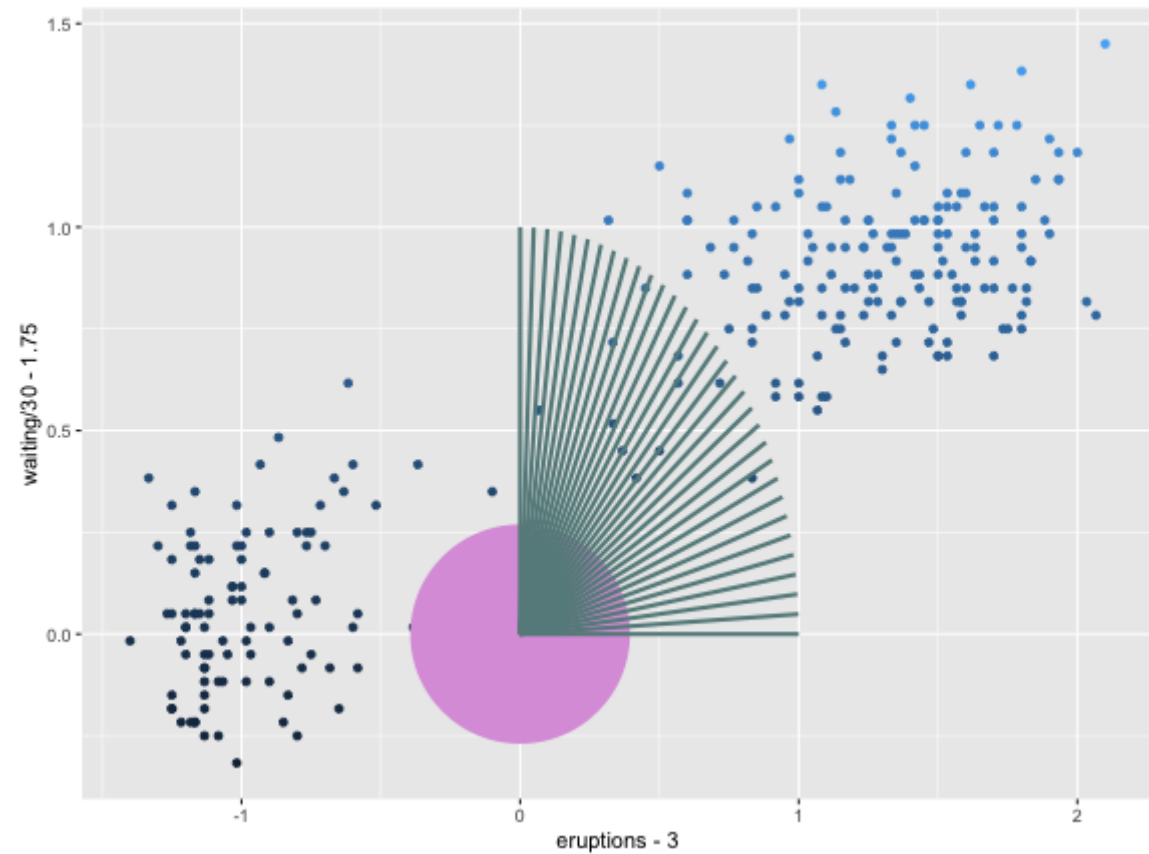
```
ggplot(data = faithful) +  
  aes(x = eruptions - 3,  
      y = waiting/30 - 1.75,  
      color = waiting) +  
  geom_point(show.legend = F)
```



```
ggplot(data = faithful) +  
  aes(x = eruptions - 3,  
      y = waiting/30 - 1.75,  
      color = waiting) +  
  geom_point(show.legend = F) +  
  stamp_point(color = "plum", size = 50)
```



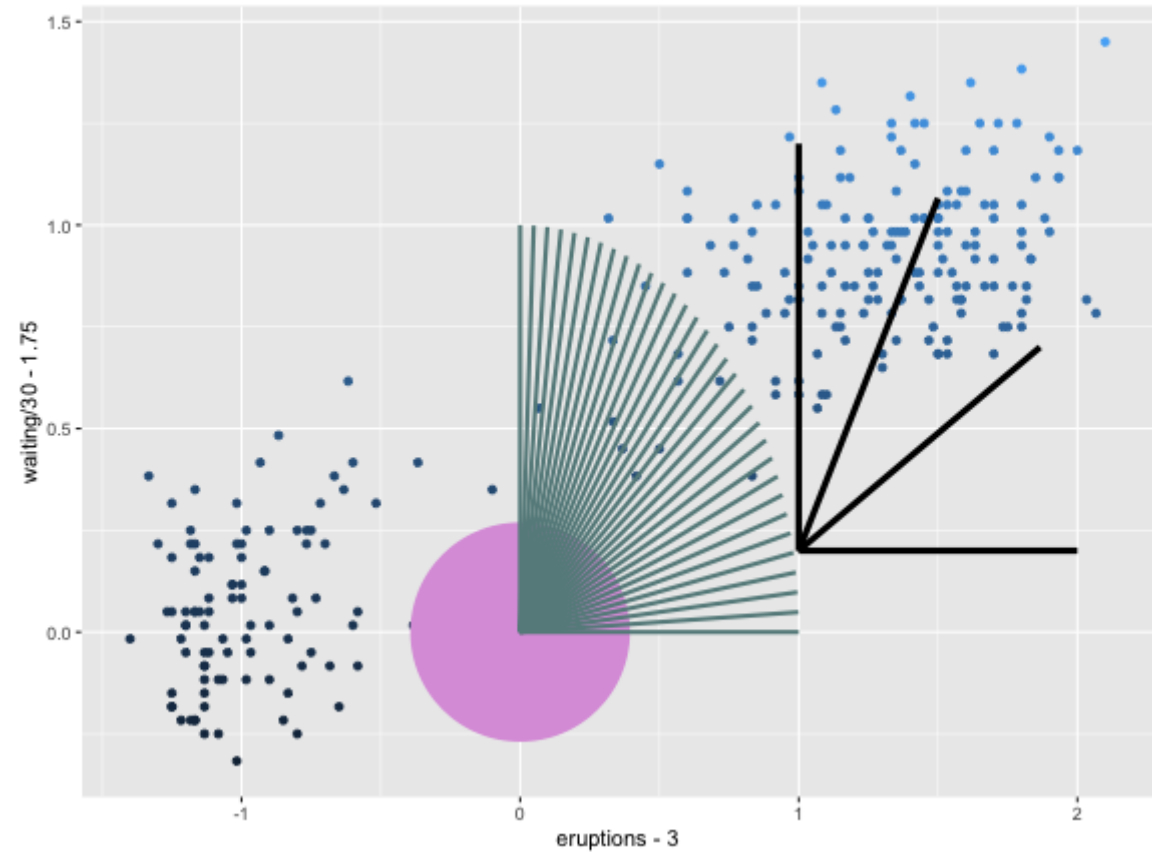
```
ggplot(data = faithful) +  
  aes(x = eruptions - 3,  
      y = waiting/30 - 1.75,  
      color = waiting) +  
  geom_point(show.legend = F) +  
  stamp_point(color = "plum", size = 50) +  
  stamp_spoke(angle = pi* 0:32/64,  
             color = "paleturquoise4",  
             size = 1)
```



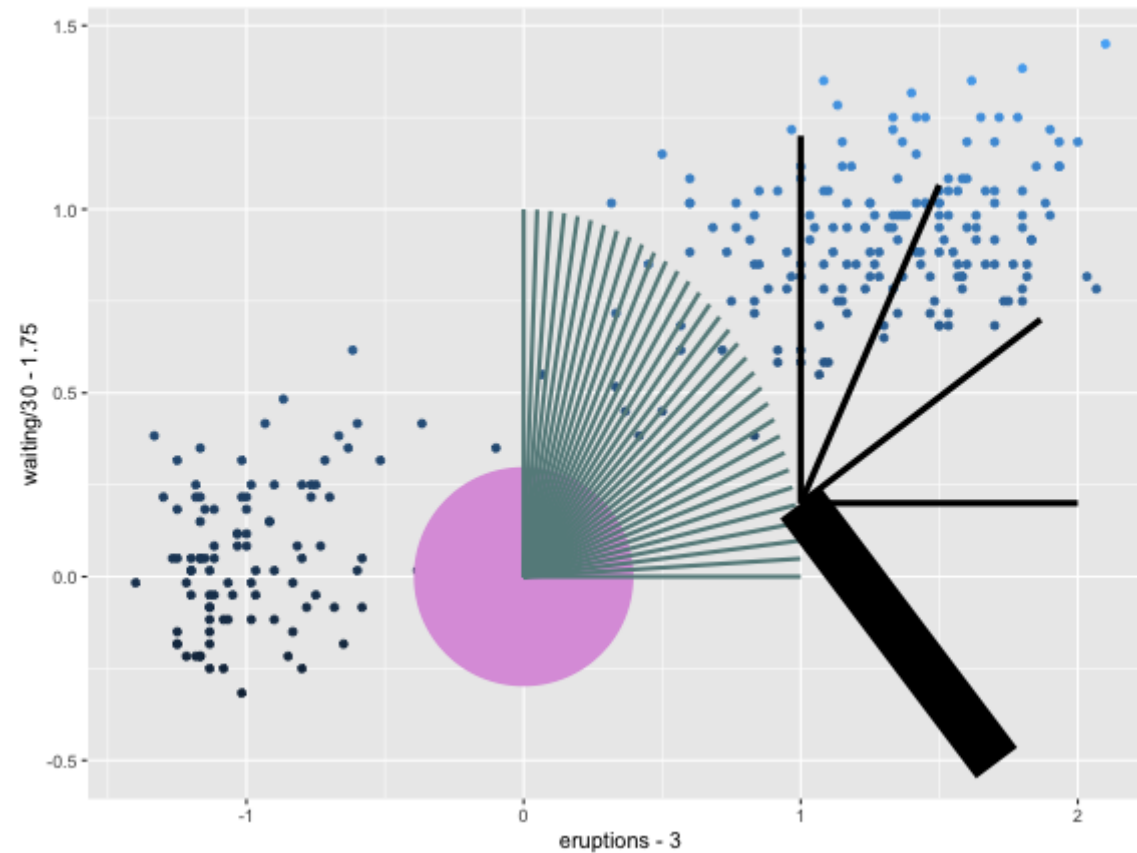
```

ggplot(data = faithful) +
  aes(x = eruptions - 3,
      y = waiting/30 - 1.75,
      color = waiting) +
  geom_point(show.legend = F) +
  stamp_point(color = "plum", size = 50) +
  stamp_spoke(angle = pi* 0:32/64,
              color = "paleturquoise4",
              size = 1) +
  stamp_spoke(x = 1, y = .2, angle = pi*0:3/6)

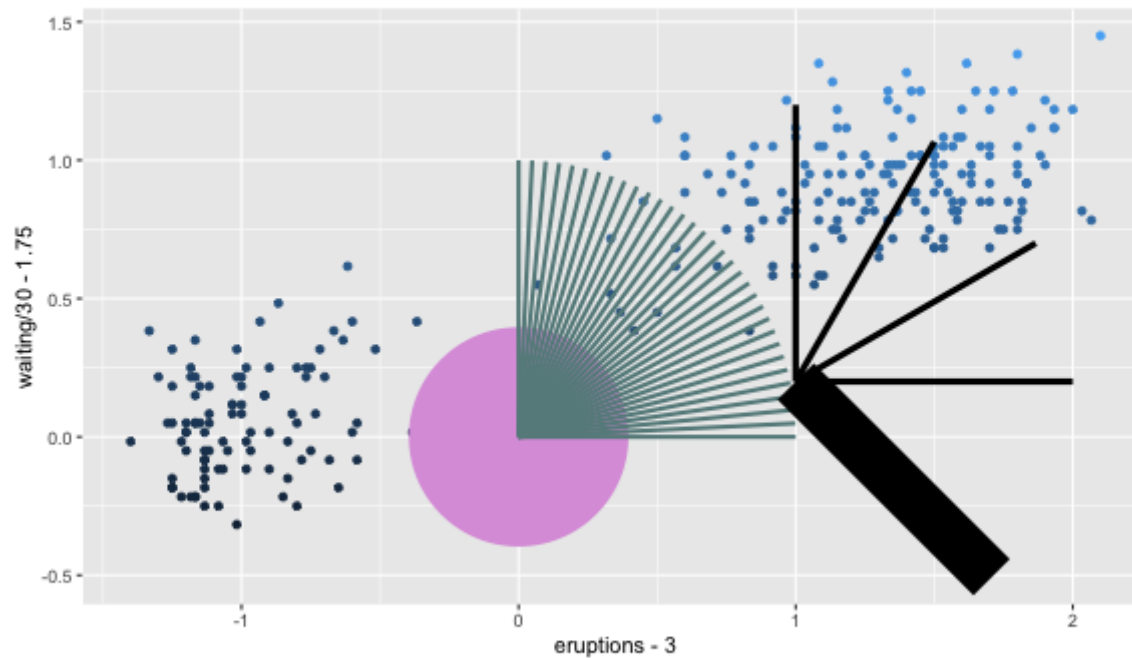
```



```
ggplot(data = faithful) +
  aes(x = eruptions - 3,
      y = waiting/30 - 1.75,
      color = waiting) +
  geom_point(show.legend = F) +
  stamp_point(color = "plum", size = 50) +
  stamp_spoke(angle = pi* 0:32/64,
              color = "paleturquoise4",
              size = 1) +
  stamp_spoke(x = 1, y = .2, angle = pi*0:3/6) +
  stamp_spoke(x = 1, y = .2, size = 12,
              -pi/4)
```



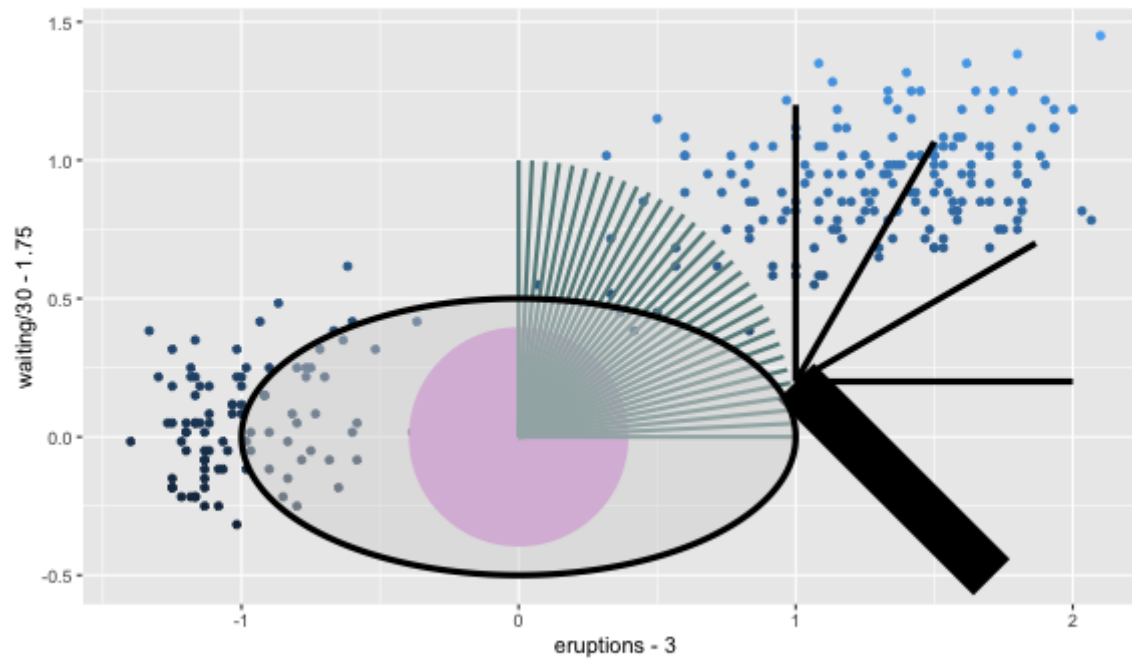

```
ggplot(data = faithful) +
  aes(x = eruptions - 3,
      y = waiting/30 - 1.75,
      color = waiting) +
  geom_point(show.legend = F) +
  stamp_point(color = "plum", size = 50) +
  stamp_spoke(angle = pi* 0:32/64,
             color = "paleturquoise4",
             size = 1) +
  stamp_spoke(x = 1, y = .2, angle = pi*0:3/6) +
  stamp_spoke(x = 1, y = .2, size = 12,
             -pi/4) +
  coord_equal()
```



```

ggplot(data = faithful) +
  aes(x = eruptions - 3,
      y = waiting/30 - 1.75,
      color = waiting) +
  geom_point(show.legend = F) +
  stamp_point(color = "plum", size = 50) +
  stamp_spoke(angle = pi* 0:32/64,
             color = "paleturquoise4",
             size = 1) +
  stamp_spoke(x = 1, y = .2, angle = pi*0:3/6) +
  stamp_spoke(x = 1, y = .2, size = 12,
             -pi/4) +
  coord_equal() +
  stamp_ellipse(alpha = .5)

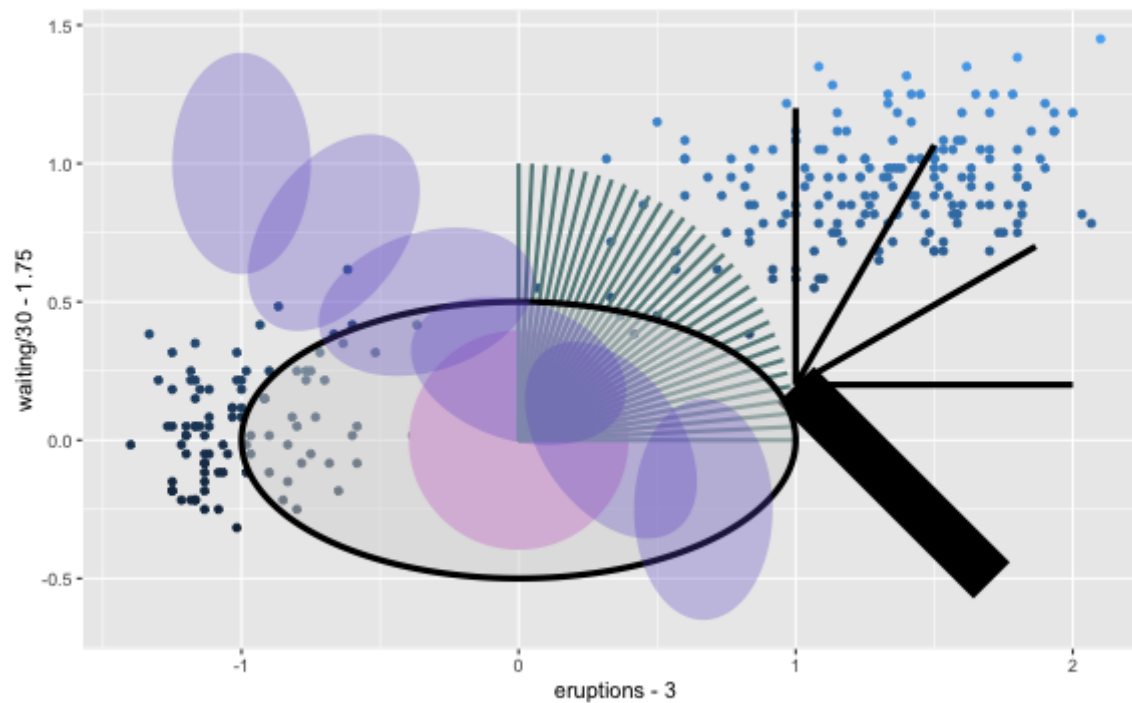
```



```

ggplot(data = faithful) +
  aes(x = eruptions - 3,
      y = waiting/30 - 1.75,
      color = waiting) +
  geom_point(show.legend = F) +
  stamp_point(color = "plum", size = 50) +
  stamp_spoke(angle = pi* 0:32/64,
              color = "paleturquoise4",
              size = 1) +
  stamp_spoke(x = 1, y = .2, angle = pi*0:3/6) +
  stamp_spoke(x = 1, y = .2, size = 12,
              -pi/4) +
  coord_equal() +
  stamp_ellipse(alpha = .5) +
  stamp_ellipse(x0 = -3:2/3,
                y = 4:-1/4,
                a = .25,
                b = .4,
                alpha = .3,
                angle = pi*0:-5/5,
                fill = "slateblue",
                size = 0)

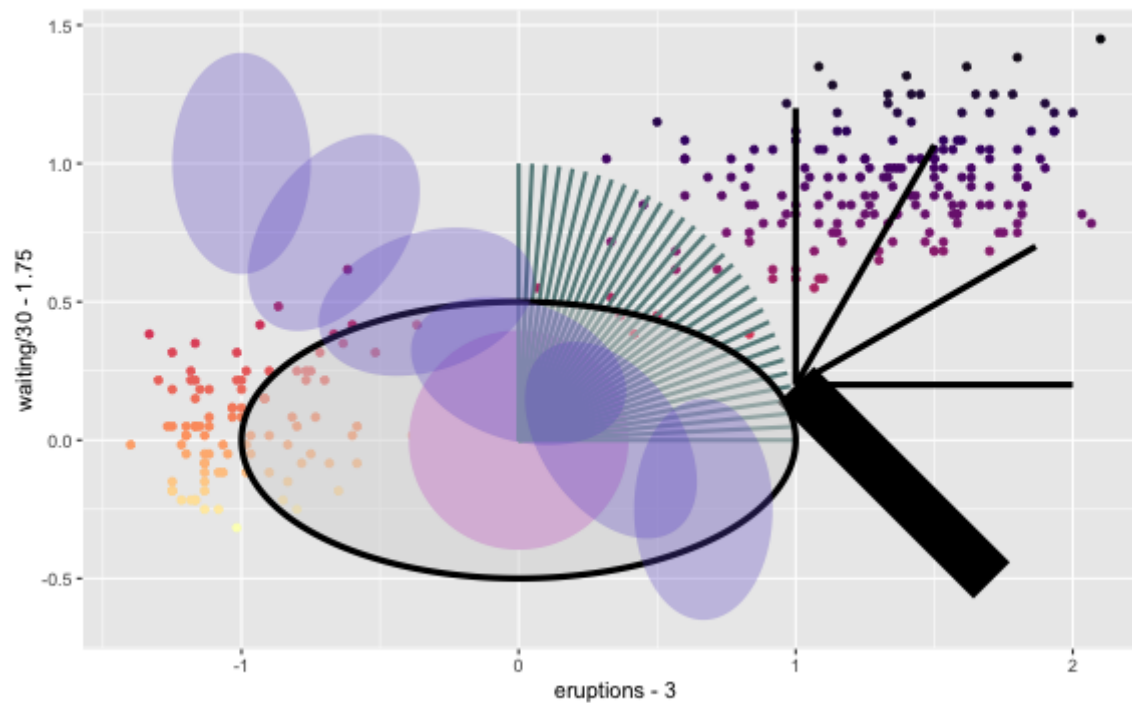
```



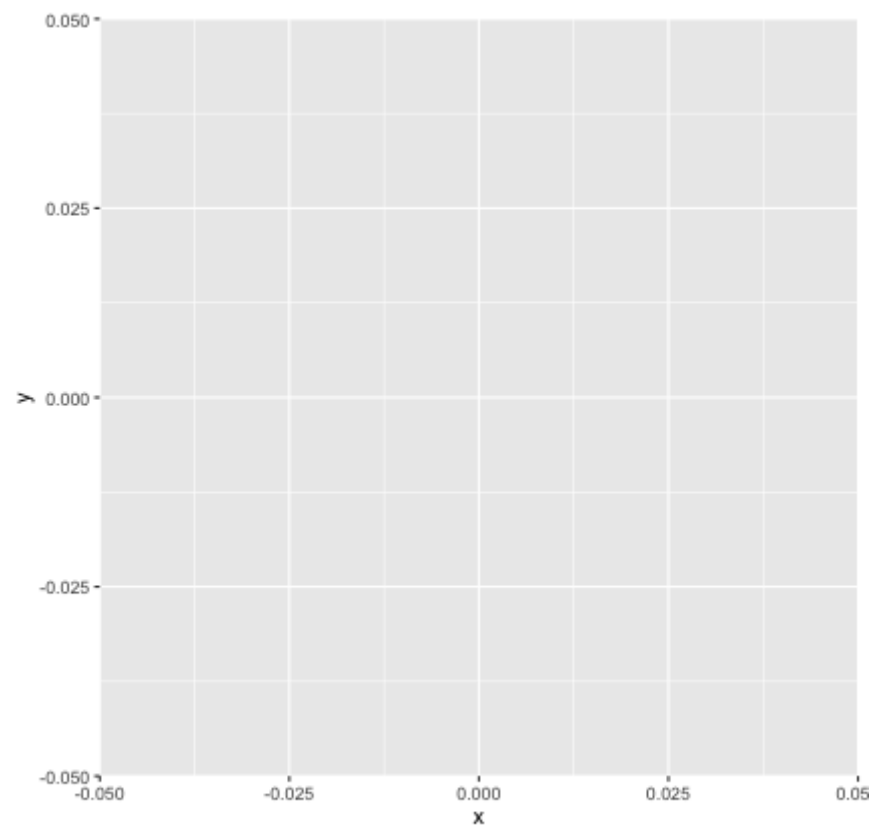
```

ggplot(data = faithful) +
  aes(x = eruptions - 3,
      y = waiting/30 - 1.75,
      color = waiting) +
  geom_point(show.legend = F) +
  stamp_point(color = "plum", size = 50) +
  stamp_spoke(angle = pi* 0:32/64,
             color = "paleturquoise4",
             size = 1) +
  stamp_spoke(x = 1, y = .2, angle = pi*0:3/6) +
  stamp_spoke(x = 1, y = .2, size = 12,
             -pi/4) +
  coord_equal() +
  stamp_ellipse(alpha = .5) +
  stamp_ellipse(x0 = -3:2/3,
               y = 4:-1/4,
               a = .25,
               b = .4,
               alpha = .3,
               angle = pi*0:-5/5,
               fill = "slateblue",
               size = 0) +
  scale_color_viridis_c(option = "magma",
                       direction = -1)

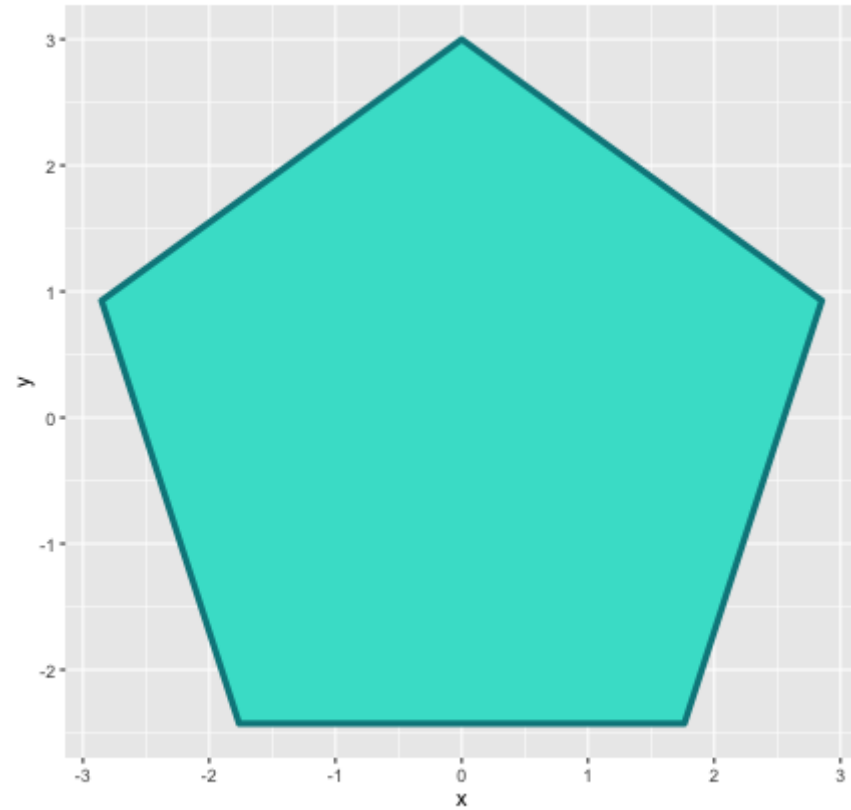
```



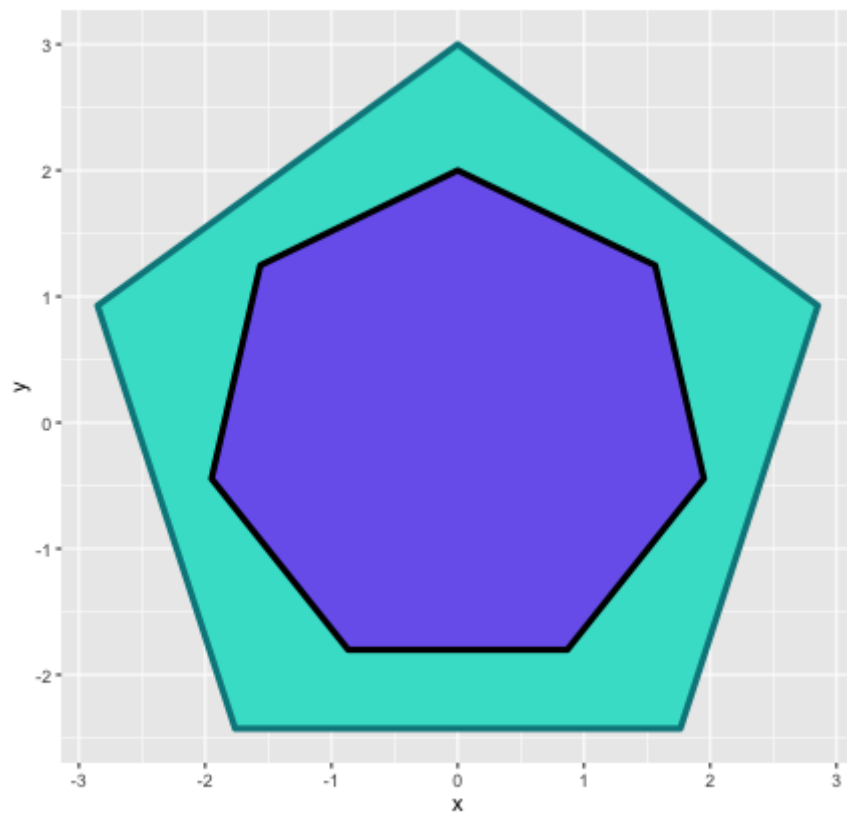
```
ggcanvas()
```



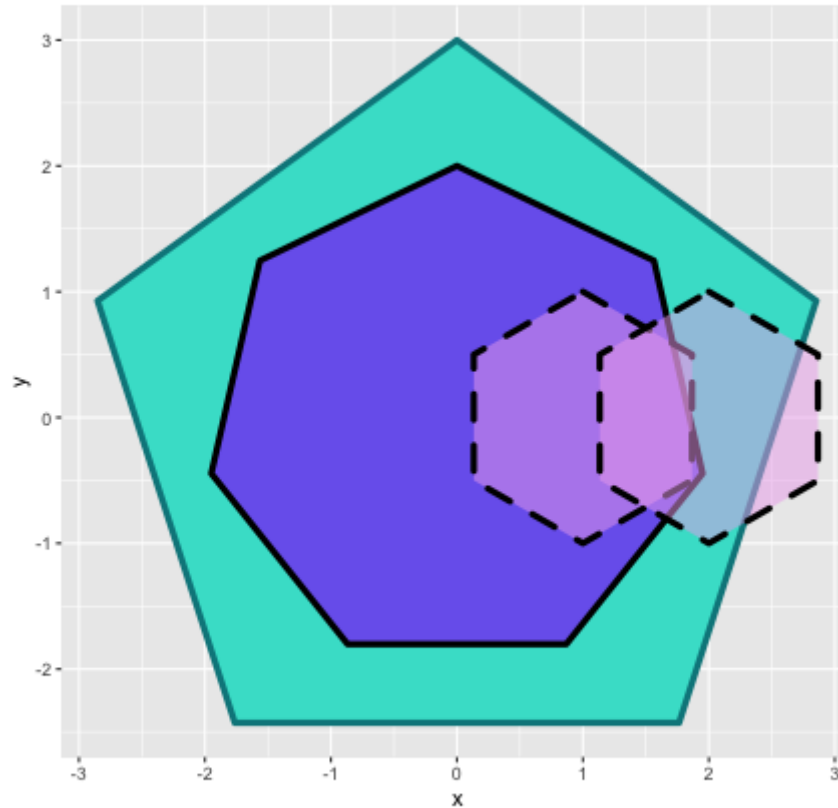
```
ggcanvas() +  
  stamp_polygon(color = "turquoise4",  
    radius = 3, n = 5,  
    fill = "turquoise")
```



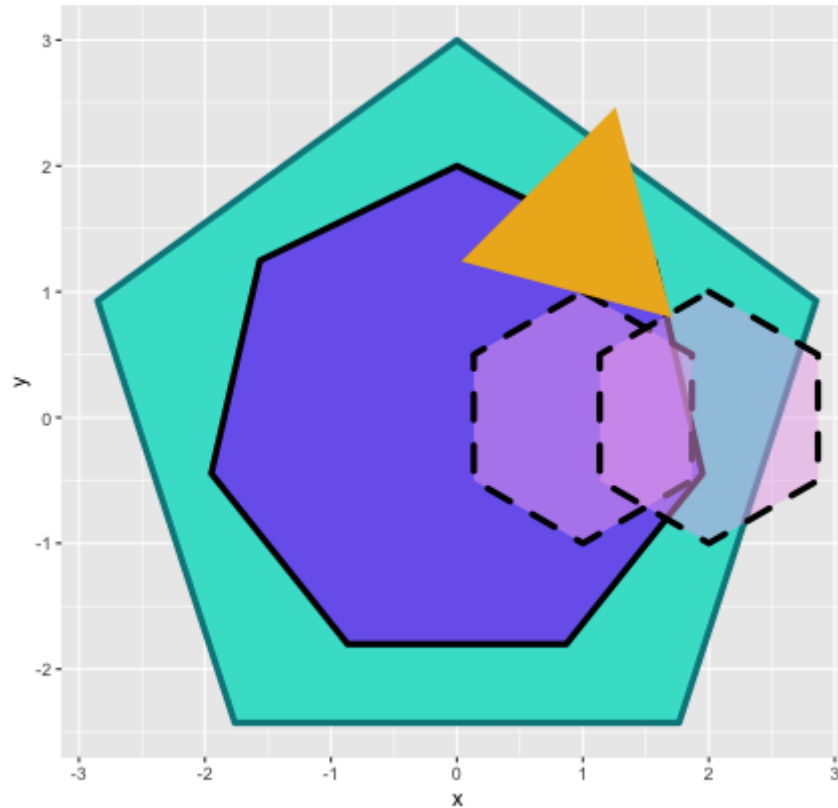
```
ggcanvas() +  
  stamp_polygon(color = "turquoise4",  
    radius = 3, n = 5,  
    fill = "turquoise") +  
  stamp_polygon(fill = "slateblue2",  
    radius = 2,  
    n = 7)
```



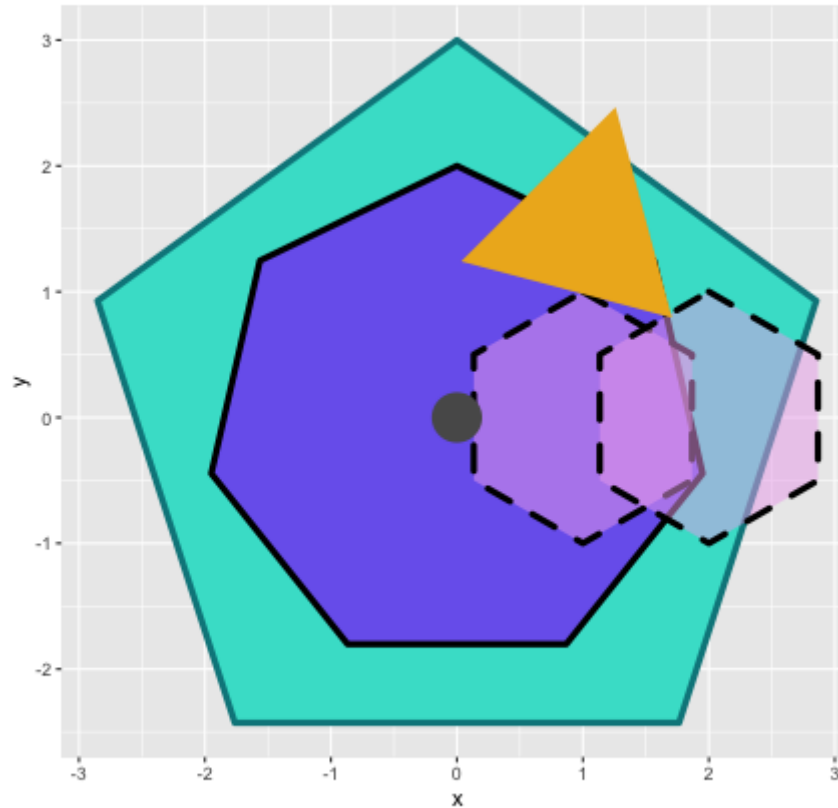
```
ggcanvas() +
  stamp_polygon(color = "turquoise4",
    radius = 3, n = 5,
    fill = "turquoise") +
  stamp_polygon(fill = "slateblue2",
    radius = 2,
    n = 7) +
  stamp_polygon(linetype = "dashed",
    alpha = .5,
    x0 = 1:2,
    fill = "plum2")
```



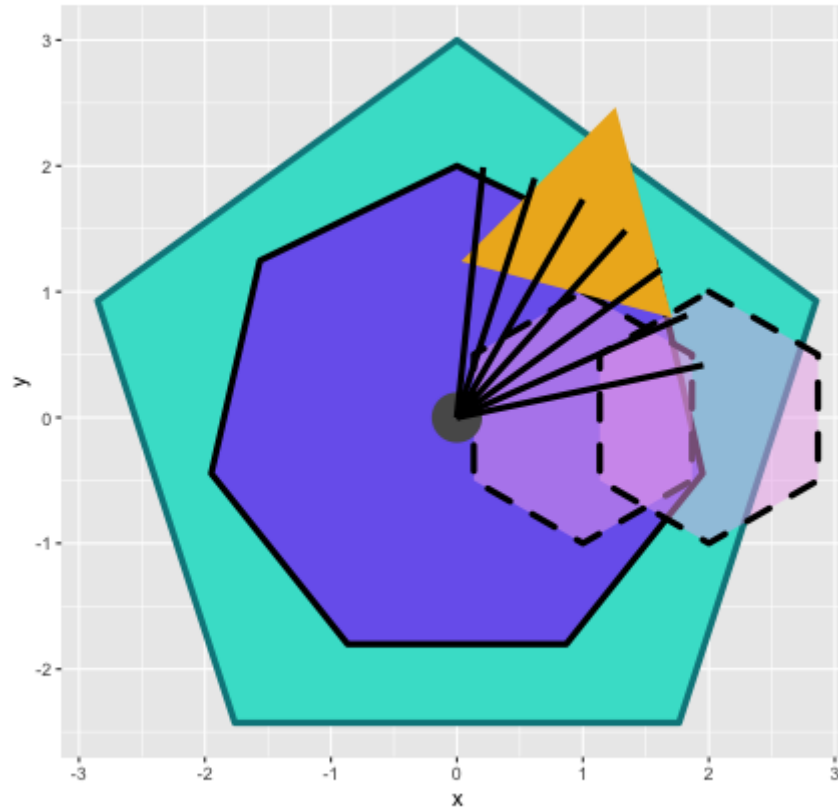

```
ggcanvas() +
  stamp_polygon(color = "turquoise4",
    radius = 3, n = 5,
    fill = "turquoise") +
  stamp_polygon(fill = "slateblue2",
    radius = 2,
    n = 7) +
  stamp_polygon(linetype = "dashed",
    alpha = .5,
    x0 = 1:2,
    fill = "plum2") +
  stamp_polygon(x0 = 1, y0 = 1.5,
    n = 3, rotation = .25,
    size = 0,
    fill = "goldenrod2")
```



```
ggcanvas() +
  stamp_polygon(color = "turquoise4",
    radius = 3, n = 5,
    fill = "turquoise") +
  stamp_polygon(fill = "slateblue2",
    radius = 2,
    n = 7) +
  stamp_polygon(linetype = "dashed",
    alpha = .5,
    x0 = 1:2,
    fill = "plum2") +
  stamp_polygon(x0 = 1, y0 = 1.5,
    n = 3, rotation = .25,
    size = 0,
    fill = "goldenrod2") +
  stamp_polygon(n = 50,
    radius = .2,
    size = 0)
```



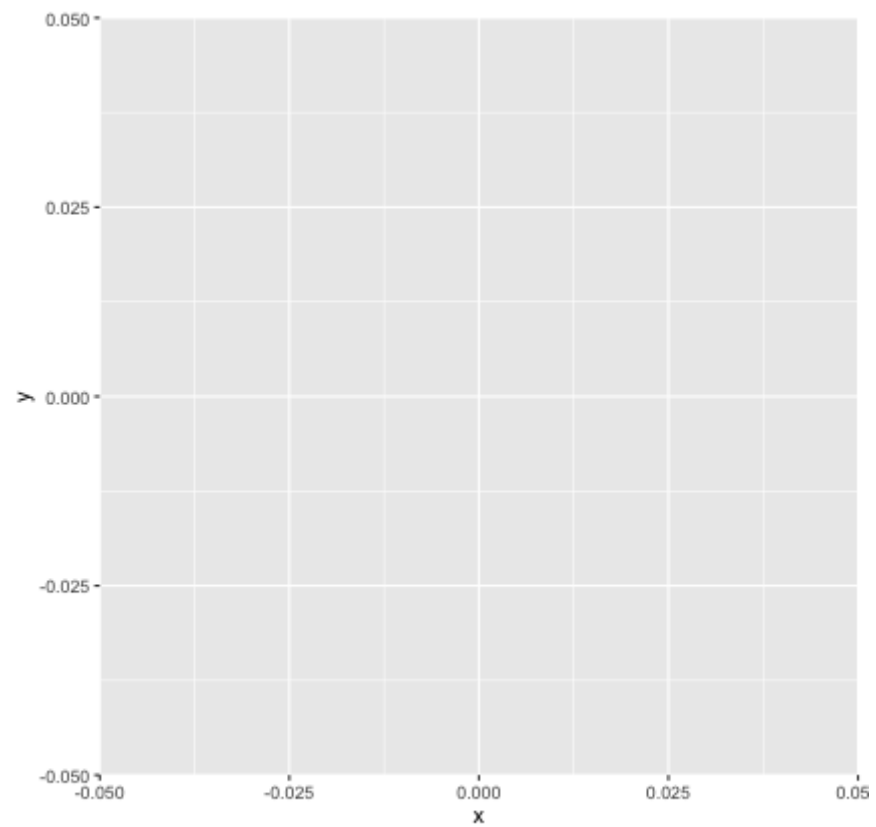
```
ggcanvas() +
  stamp_polygon(color = "turquoise4",
    radius = 3, n = 5,
    fill = "turquoise") +
  stamp_polygon(fill = "slateblue2",
    radius = 2,
    n = 7) +
  stamp_polygon(linetype = "dashed",
    alpha = .5,
    x0 = 1:2,
    fill = "plum2") +
  stamp_polygon(x0 = 1, y0 = 1.5,
    n = 3, rotation = .25,
    size = 0,
    fill = "goldenrod2") +
  stamp_polygon(n = 50,
    radius = .2,
    size = 0) +
  stamp_spoke(angle = pi * 1:7/15,
    radius = 2)
```



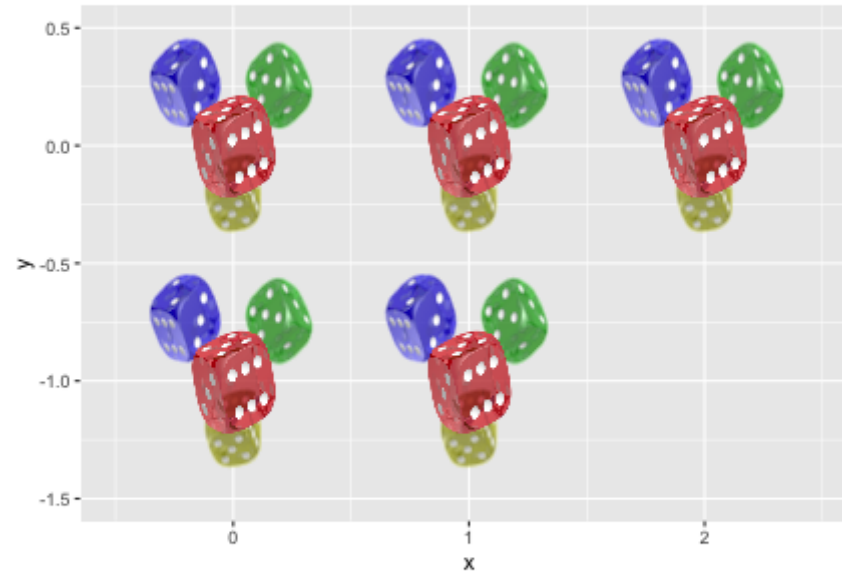
```
download.file(url = "https://upload.wikimedia.org/wik:  
            destfile = "wiki.png")
```

```
download.file(url = "https://upload.wikimedia.org/wik:  
              destfile = "wiki.png")
```

```
ggcanvas()
```

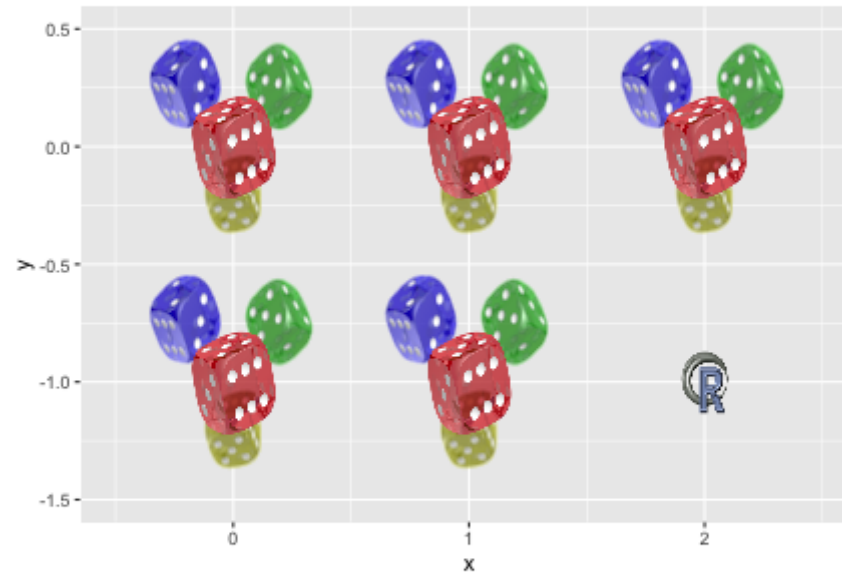


```
download.file(url = "https://upload.wikimedia.org/wik:  
            destfile = "wiki.png")  
  
ggcanvas() +  
  stamp_png(png = "wiki.png",  
            height = .99,  
            x0 = wrap_x(n = 5, ncol = 3),  
            y0 = wrap_y(n = 5, ncol = 3))
```



```
download.file(url = "https://upload.wikimedia.org/wik:
             destfile = "wiki.png")

ggcanvas() +
  stamp_png(png = "wiki.png",
            height = .99,
            x0 = wrap_x(n = 5, ncol = 3),
            y0 = wrap_y(n = 5, ncol = 3)) +
  stamp_png(2, -1, width = .2)
```



```
download.file(url = "https://upload.wikimedia.org/wik:
             destfile = "wiki.png")

ggcanvas() +
  stamp_png(png = "wiki.png",
            height = .99,
            x0 = wrap_x(n = 5, ncol = 3),
            y0 = wrap_y(n = 5, ncol = 3)) +
  stamp_png(2, -1, width = .2)
```

