Visualizing Data

```r
library(knitr)
opts_chunk$set(warning = FALSE, message = FALSE)
library(tidyverse)
```

```
## Loading tidyverse: ggplot2
## Loading tidyverse: tibble
## Loading tidyverse: tidyr
## Loading tidyverse: readr
## Loading tidyverse: purrr
## Loading tidyverse: dplyr

## Conflicts with tidy packages ----------------------------------------------

## filter(): dplyr, stats
## lag():    dplyr, stats
```

```r
library(gridExtra)
```

```
##
## Attaching package: 'gridExtra'

## The following object is masked from 'package:dplyr':
##
##     combine
```

```r
data("anscombe")
d <- anscombe
rm(anscombe)

source("R/plot_anscombe.R")

p1 <- plot_anscombe(d, "x1", "y1")
p2 <- plot_anscombe(d, "x2", "y2")
p3 <- plot_anscombe(d, "x3", "y3")
p4 <- plot_anscombe(d, "x4", "y4")

grid.arrange(p1, p2, p3, p4, ncol = 2)
```

$y = 3 + 0.5 \cdot x, \ r^2 = 0$

$y = 3 + 0.5 \cdot x, \ r^2 = 0$

$y = 3 + 0.5 \cdot x, \ r^2 = 0$

$y = 3 + 0.5 \cdot x, \ r^2 = 0$