

ggbeeswarm package usage example (version 0.5.0)

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Abstract

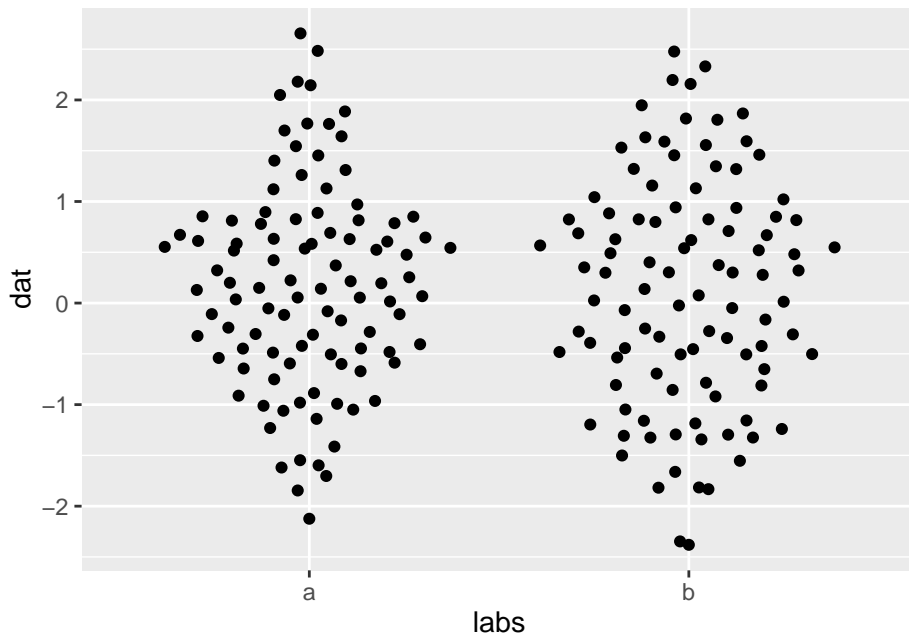
This is a collection of examples of usage for the **ggbeeswarm** package.

Keywords: visualization, display, one dimensional, grouped, groups, violin, scatter, points, quasirandom, beeswarm, van der Corput, beeswarm, ggplot, ggplot2.

1. The basics

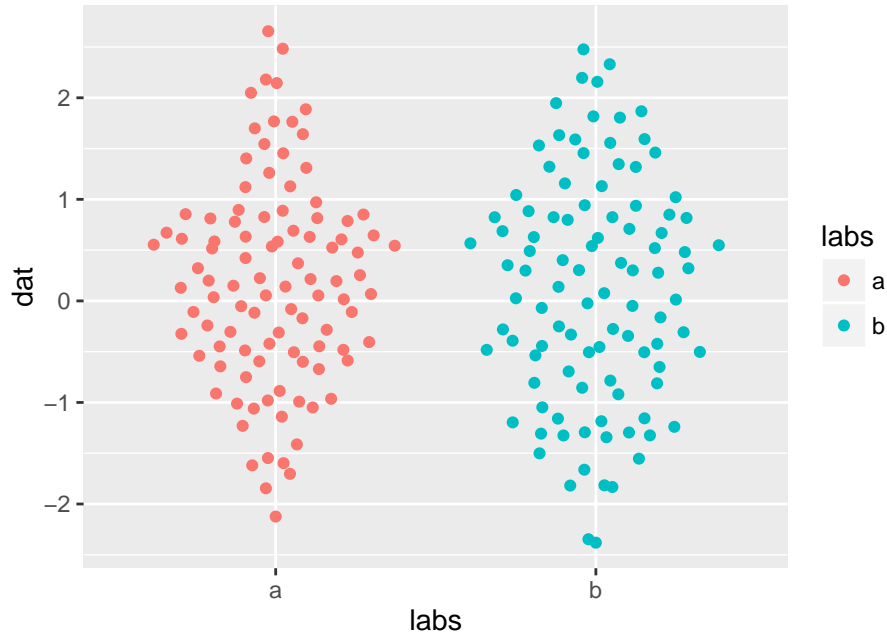
This is the simplest example of using `geom_quasirandom` to generate violin scatter plots:

```
> library(vipor)
> set.seed(12345)
> n<-100
> dat<-rnorm(n*2)
> labs<-rep(c('a','b'),n)
> ggplot(mapping=aes(labs, dat)) + geom_quasirandom()
```



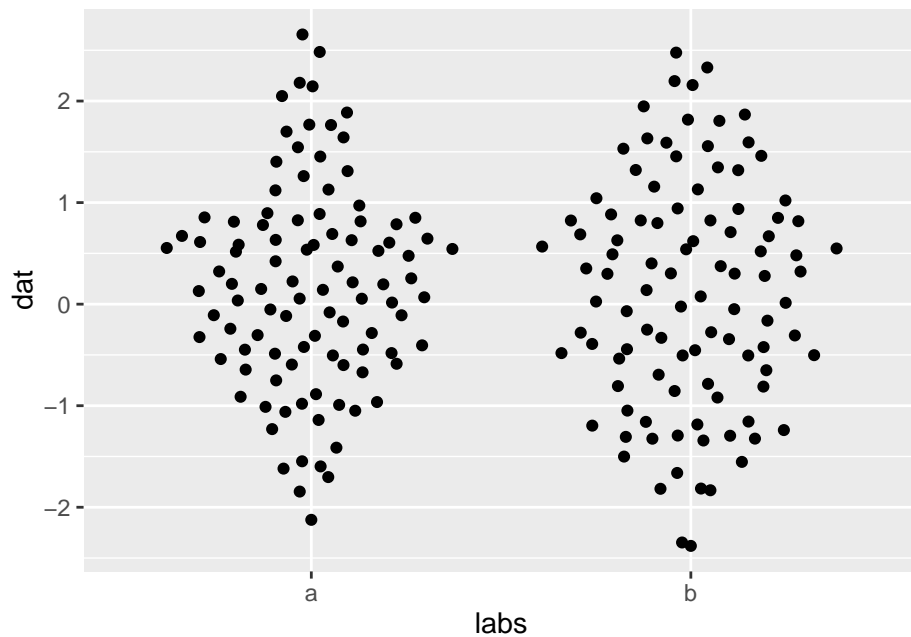
Normal **ggplot** options can be used:

```
> ggplot(mapping=aes(labs, dat)) + geom_quasirandom(aes(color=labs))
```



Factors can be used to generate custom group orderings:

```
> labs2<-factor(labs,levels=c('b','a'))
> ggplot(mapping=aes(labs, dat)) + geom_quasirandom()
```



Affiliation:

Github: <http://github.com/eclarke/ggbeeswarm> Cran: <https://cran.r-project.org/package=ggbeeswarm>