Plot functions in SpecsVerification

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Abstract

This document shows an example of the available plot functions in the R package SpecsVerification.

Rank histogram

```
library(SpecsVerification)
ens <- matrix(rnorm(500),100,5)
obs <- rnorm(100)
rank.hist <- Rankhist(ens, obs)
PlotRankhist(rank.hist, mode = "prob.paper")
```

Reliability diagram

```
N <- 1000
p <- rbeta(n = N, shape1 = 1, shape2 = 3)
y <- rbinom(n = N, size = 1, prob = p)
rd <- ReliabilityDiagram(p, y, plot = TRUE)
```
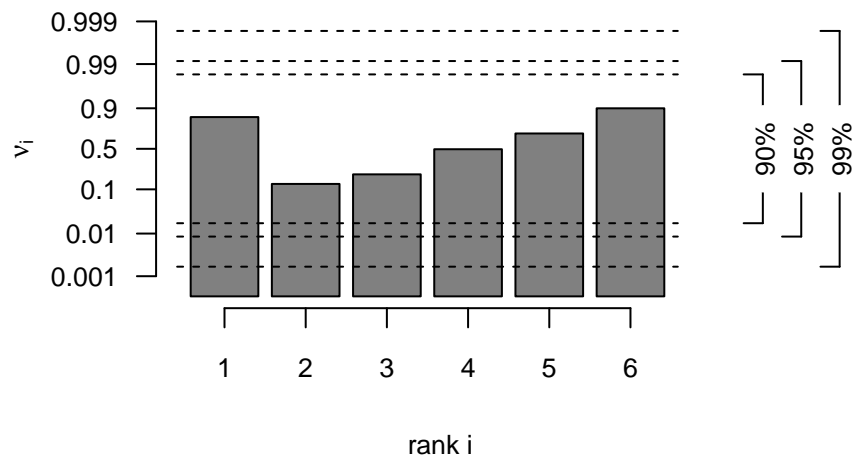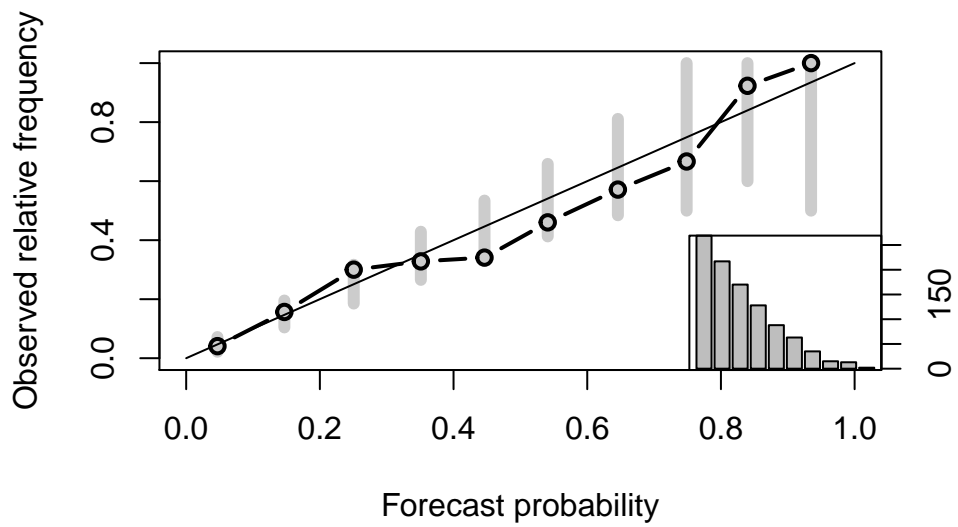

Figure 1: Example of a rank histogram.

Figure 2: Example of a reliability diagram.