

Anomaly detection with kernel density estimation on manifolds

Keywords: manifold learning

1 Introduction

In a famous paper, BC64 introduced a family of transformations ...

```
qplot(exp(rnorm(200)))
```

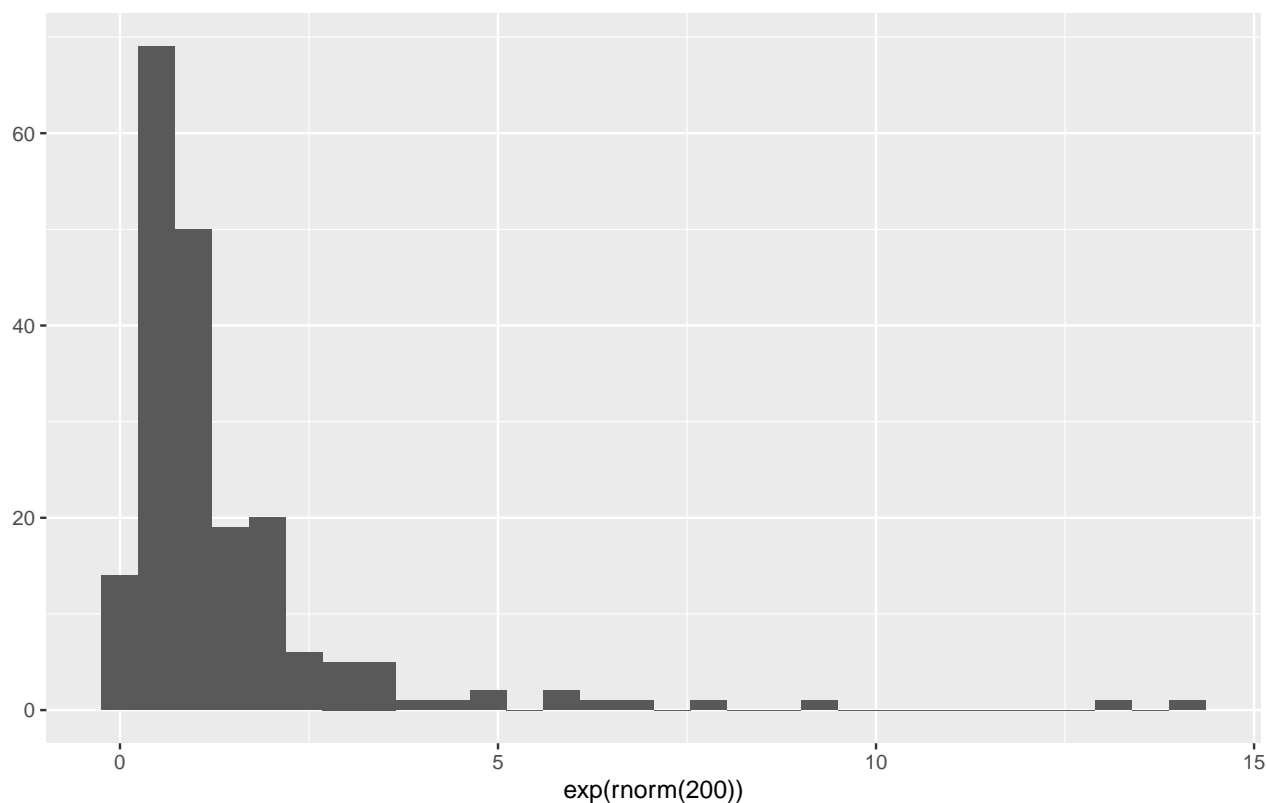


Figure 1: *Nice histogram*

Consider the logNormal data plotted in Figure 1.

$$s^2 = \sum_{i=1}^n (x_i - \bar{x})^2$$