

# Minimal Empirical Density Estimation

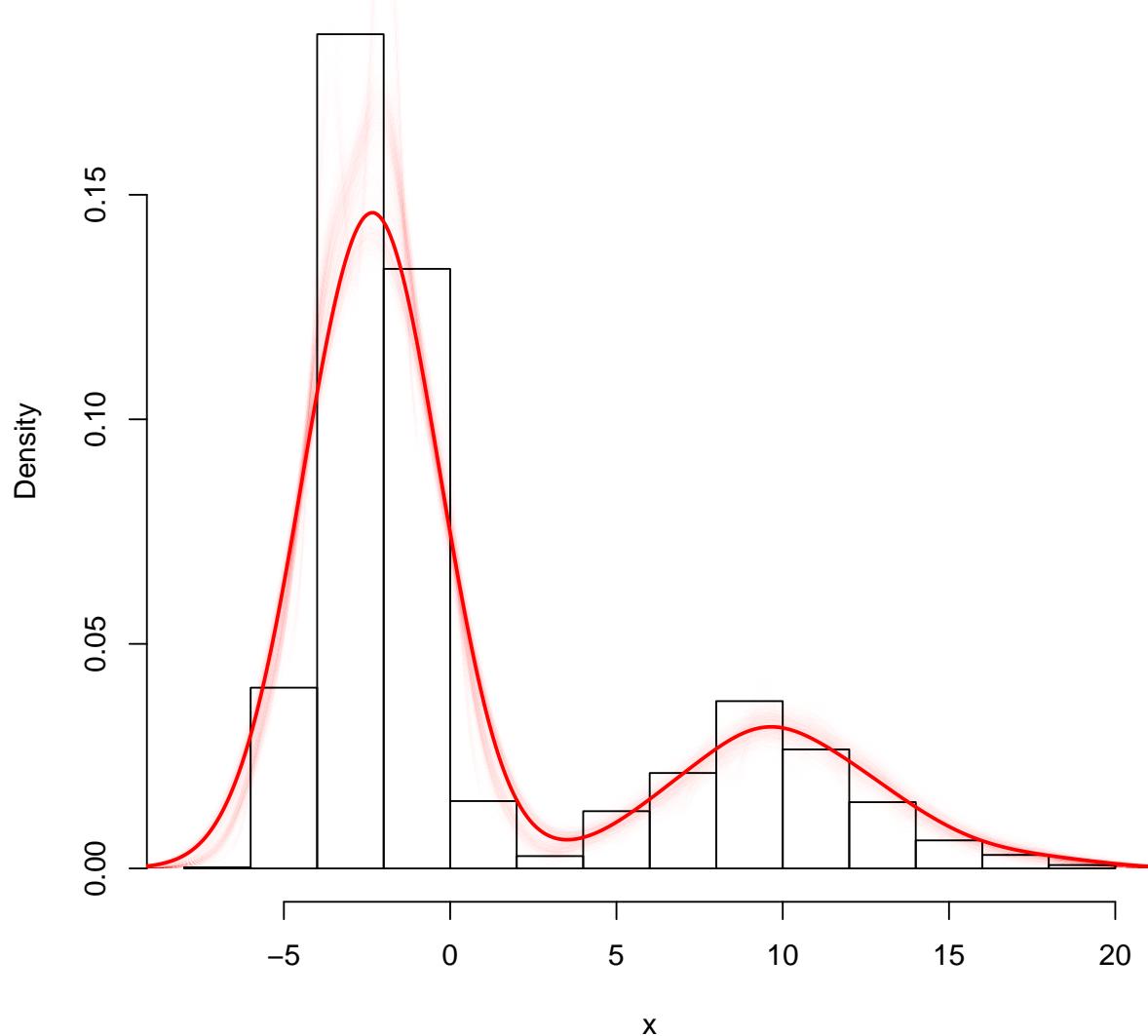
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## 1 Simulation results

The first plot shows a histogram of the original simulated data, overlain with bootstrap resamples drawn from the crudely estimated density, and finally, a new density estimation performed post-bootstrap. The second plot shows the same, but incorporates an intermediary step involving linear approximation. This allows the subsequent draws to be more continuous.

Histogram of  $x$



Histogram of  $x$

