



Figure 1: Histogram and Boxplot

We know that the sample of size $n = 100$ comes from a normal distribution $\mathcal{N}(\mu, \sigma^2)$. The standard estimates for μ and σ are given by $\bar{x}_n = 0.2491217$ and $s_n^2 = 0.9531199$. The maximum of the sample is 2.6172499, the minimum is 2.6172499, the median is 0.301819.