

Figure 3.1.1: Theoretical Normal Distribution with $\mu = 100$ and $\sigma = 5$

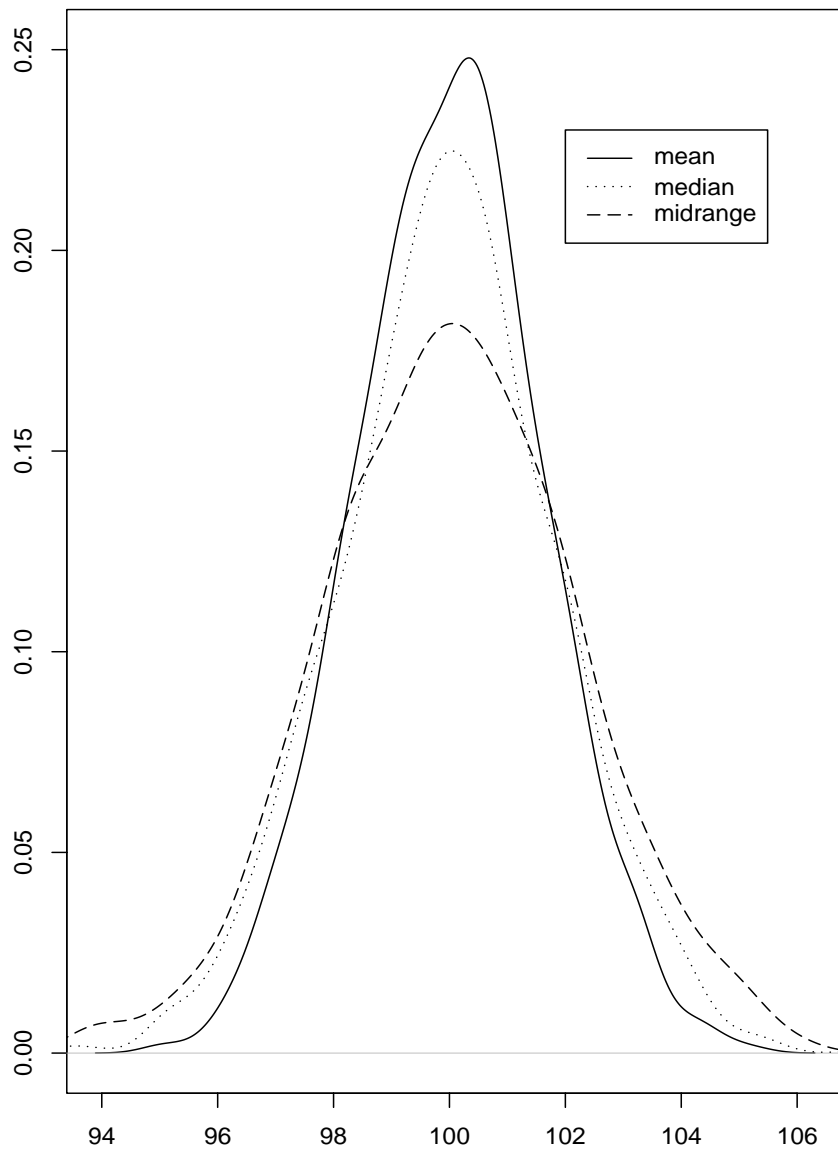


Figure 3.1.2: Normal Distribution 1

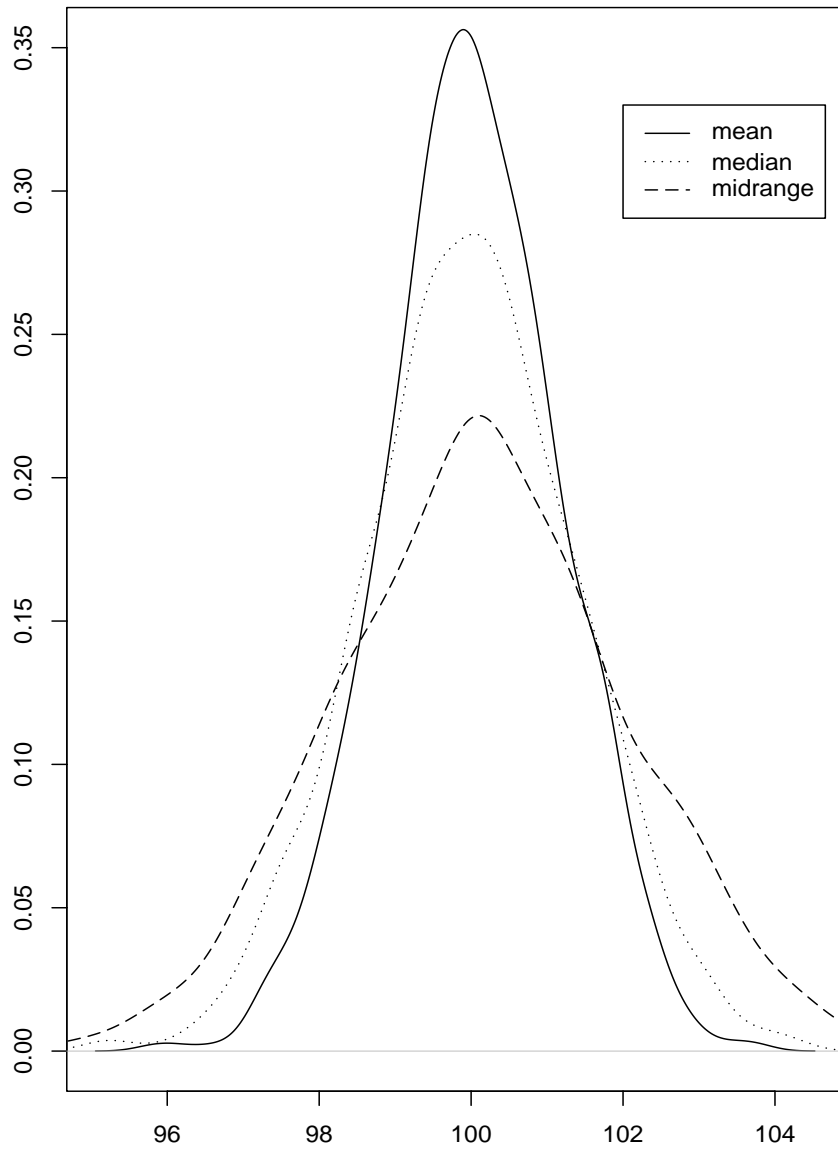


Figure 3.1.3: Normal Distribution 2

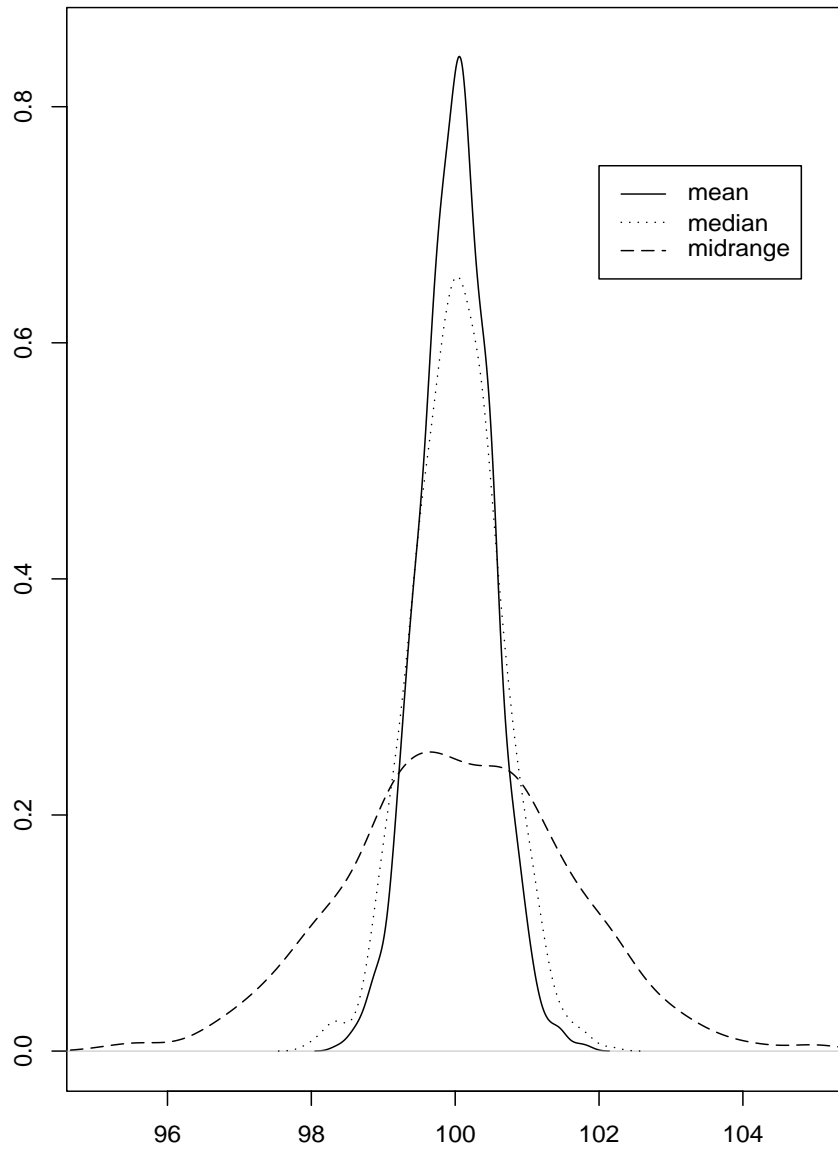


Figure 3.1.4: Normal Distribution 3

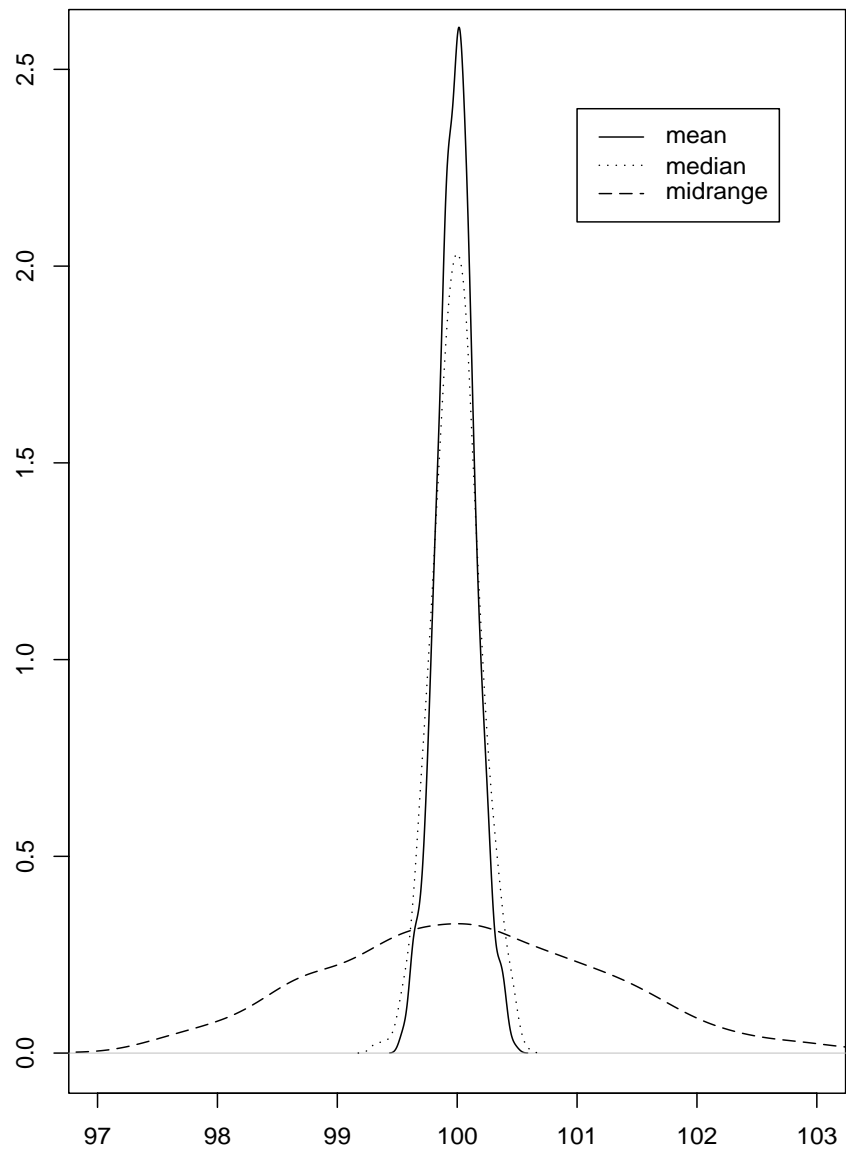


Figure 3.1.5: Normal Distribution 4

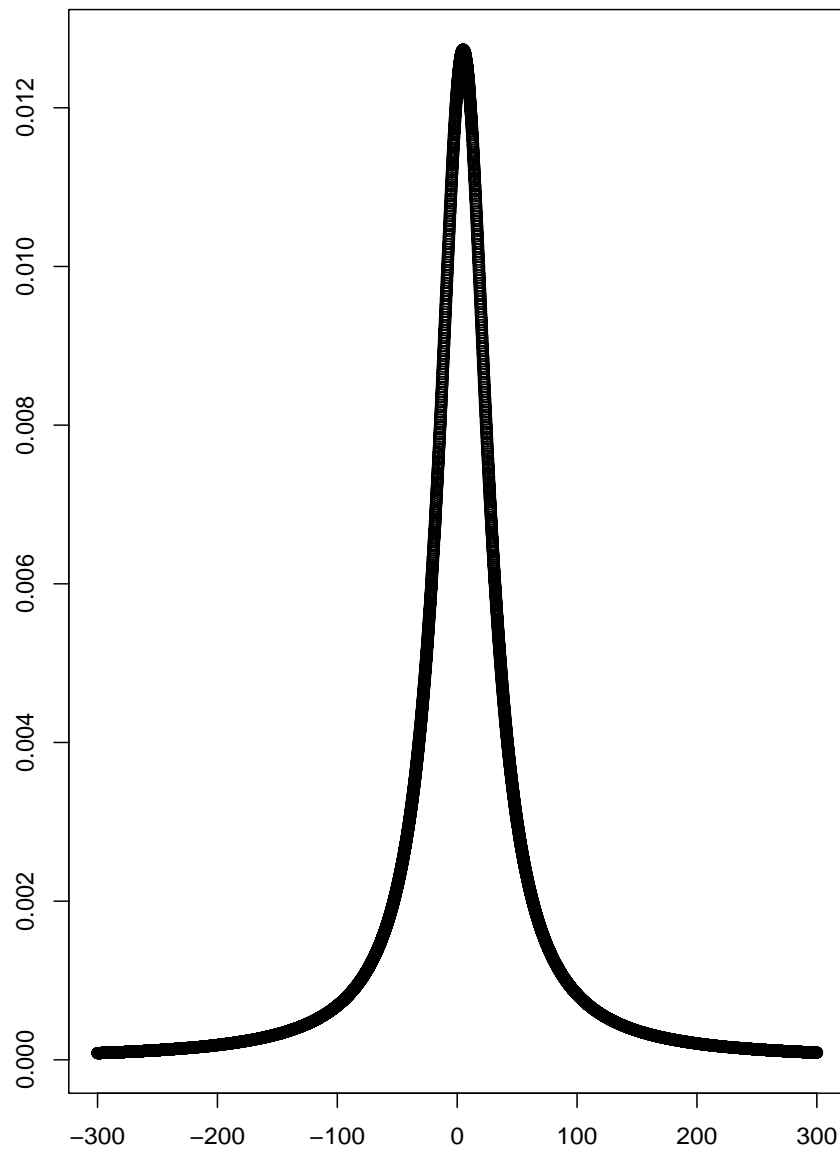


Figure 3.2.1: Theoretical Cauchy Distribution with $\alpha = 5$ and $\beta = 25$

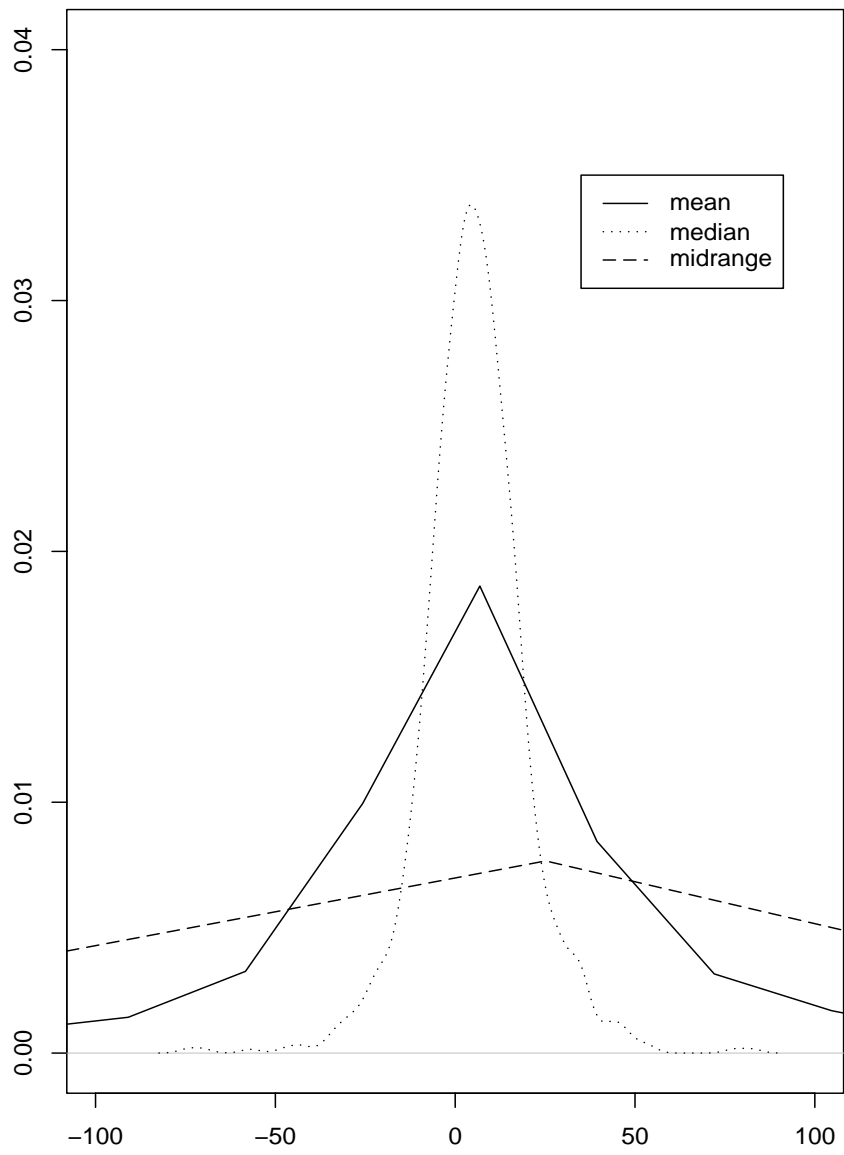


Figure 3.2.2: Cauchy Distribution 1

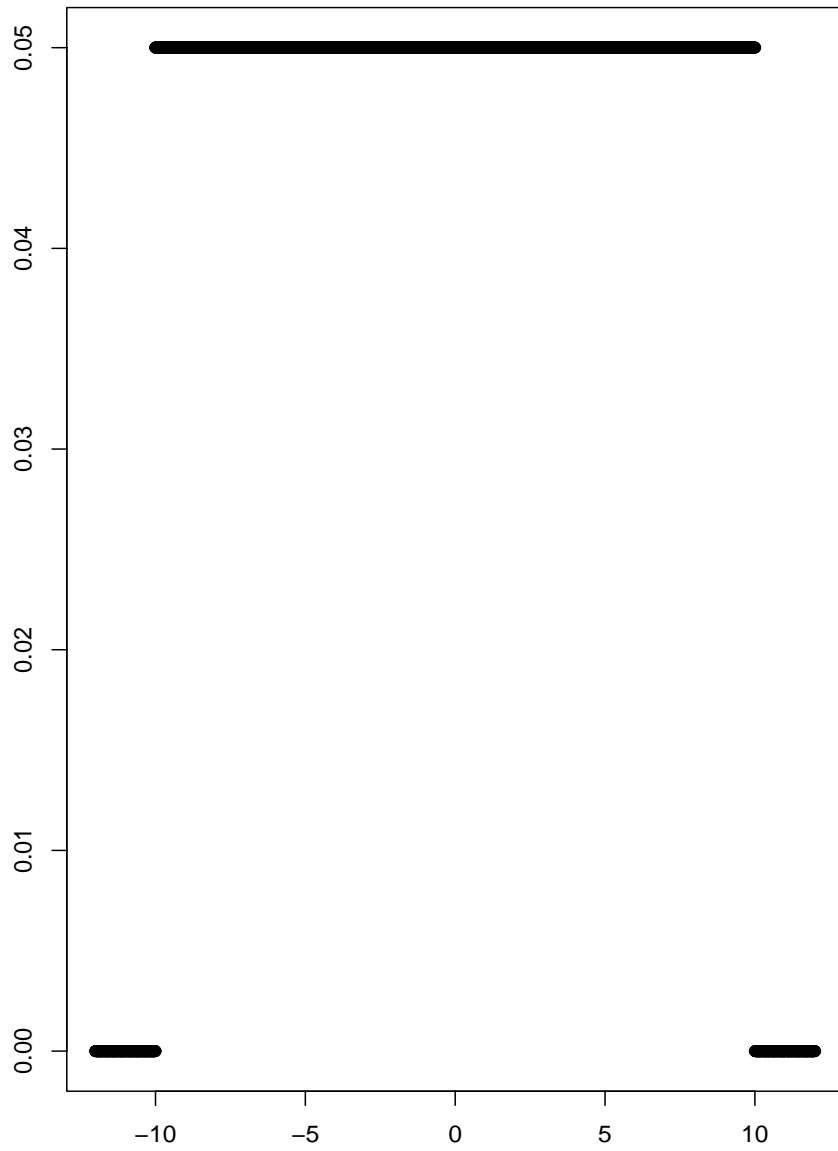


Figure 3.3.1: Theoretical Uniform Distribution
with $a = -10$ and $b = 10$

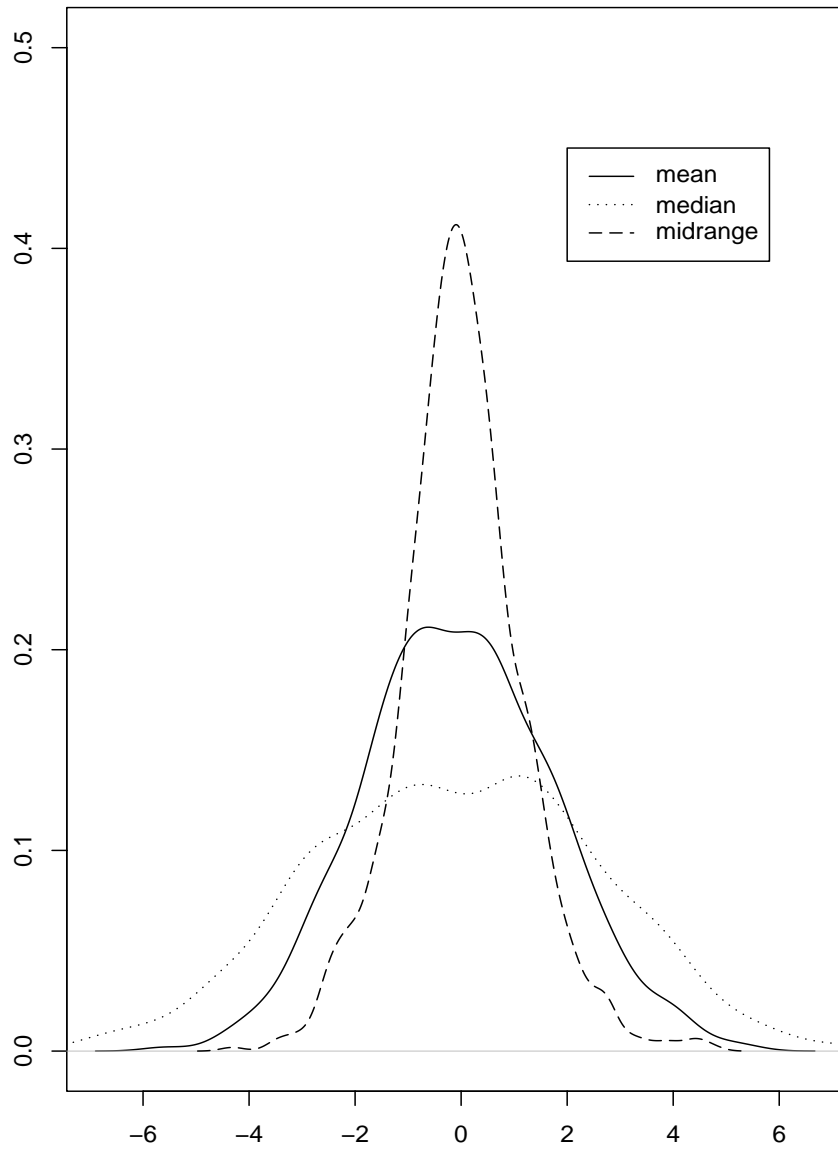


Figure 3.3.2: Uniform Distribution 1

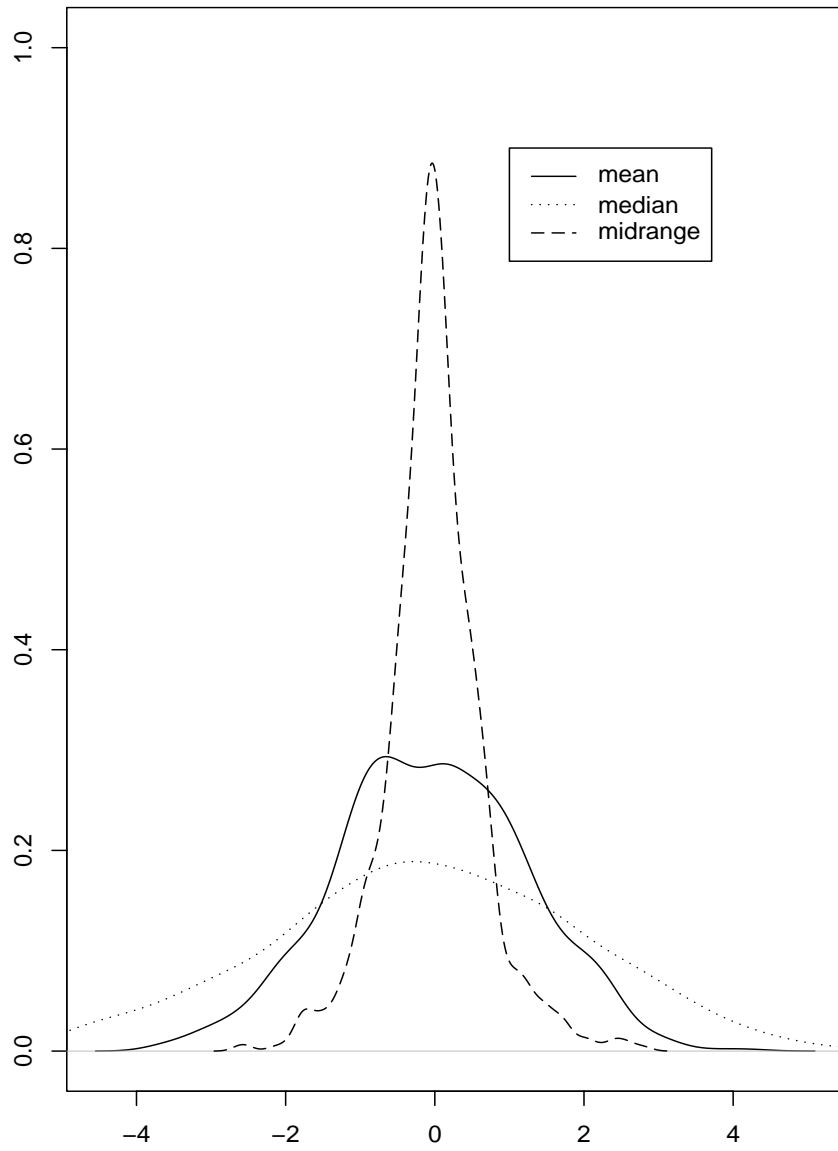


Figure 3.3.3: Uniform Distribution 2

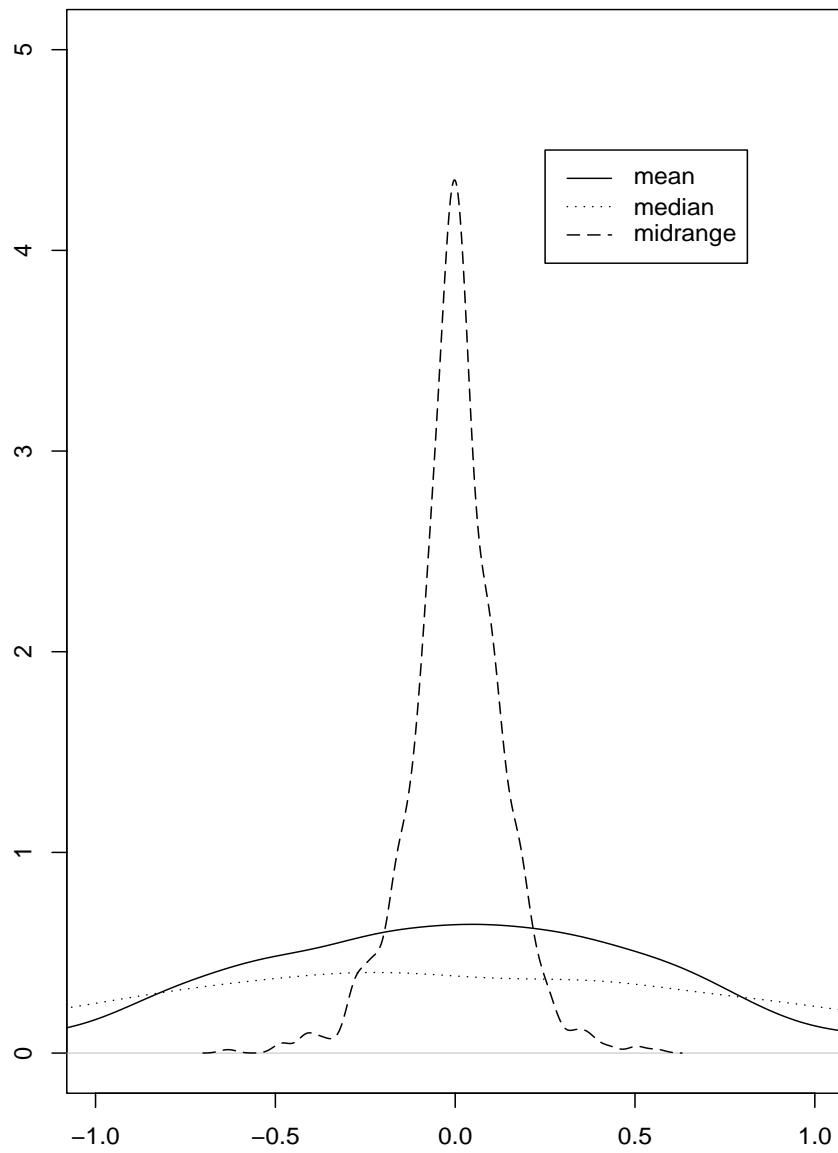


Figure 3.3.4: Uniform Distribution 3

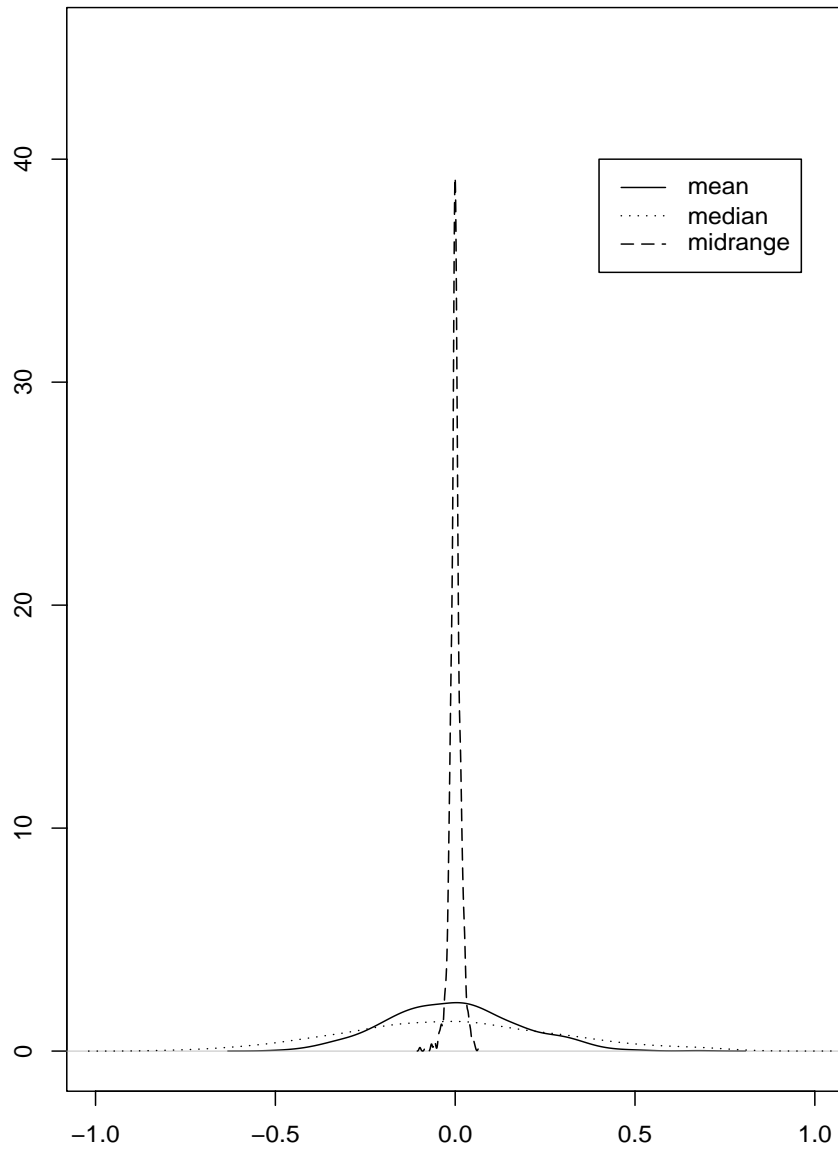


Figure 3.3.5: Uniform Distribution 4