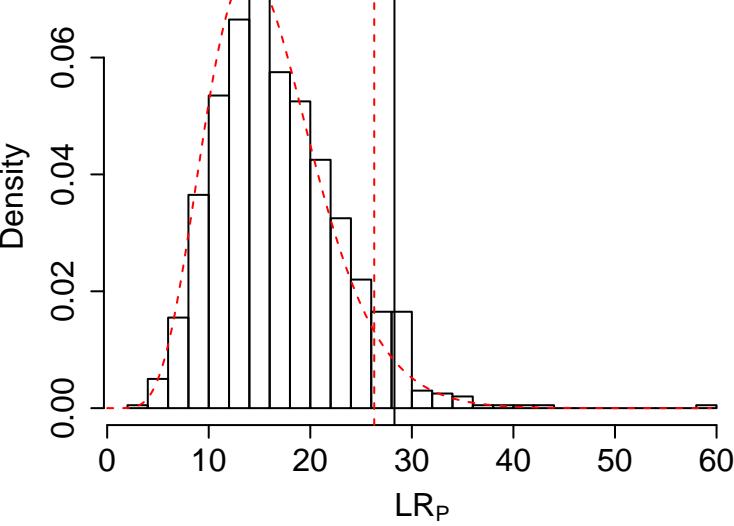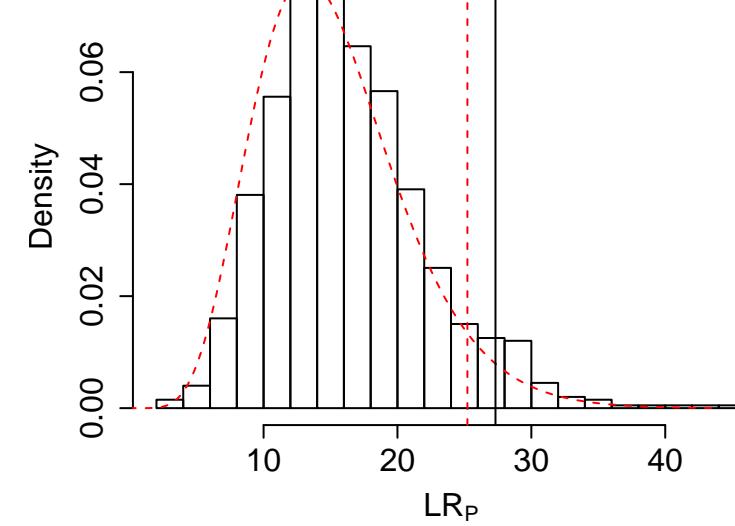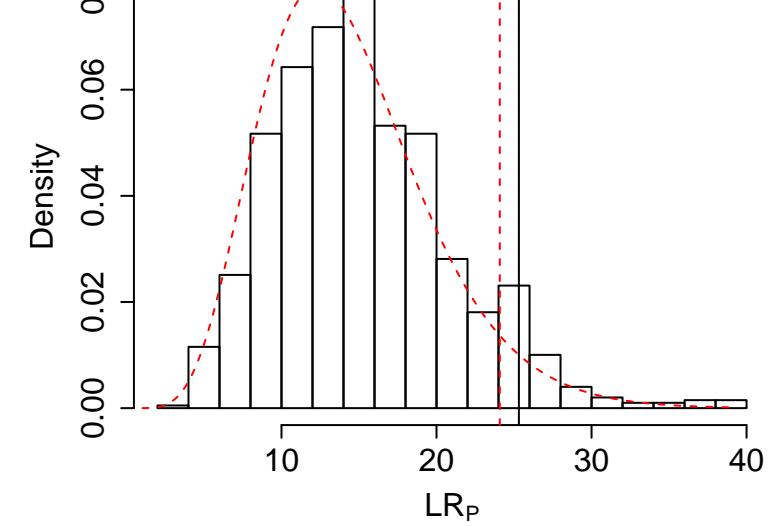($\lambda = 0$, $\alpha = 0.077$, df = 16, 500, m = 1000)
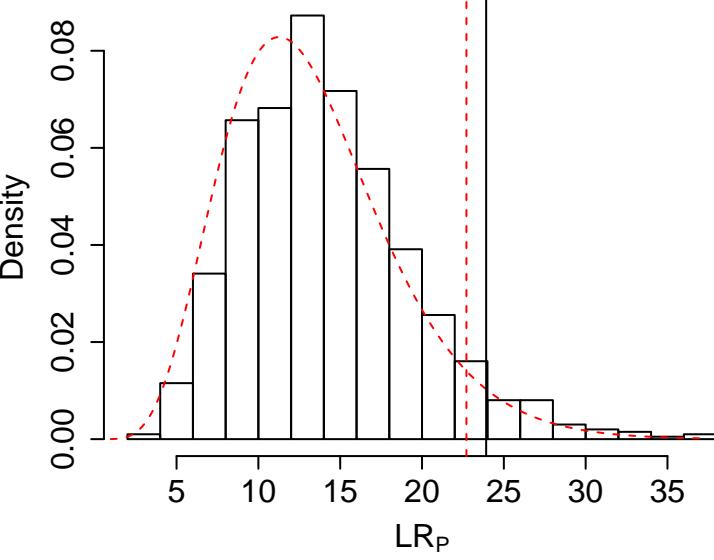
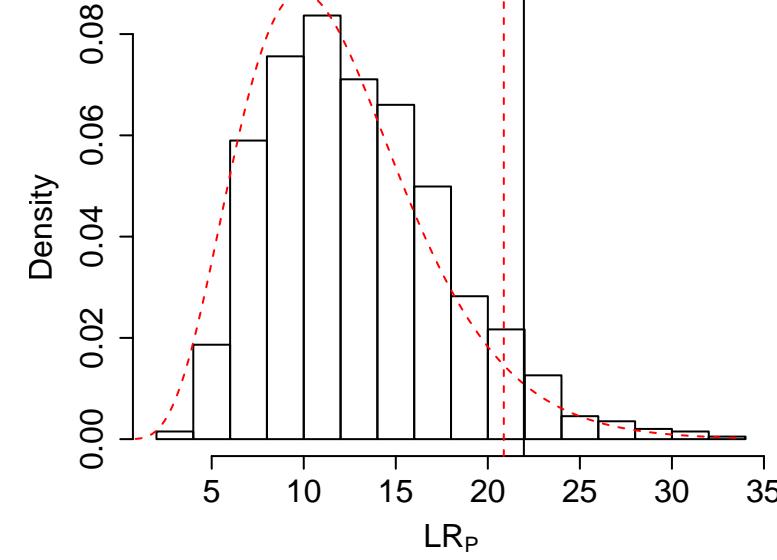($\lambda = 0.2$, $\alpha = 0.081$, df = 15.17, 500, m = 998)

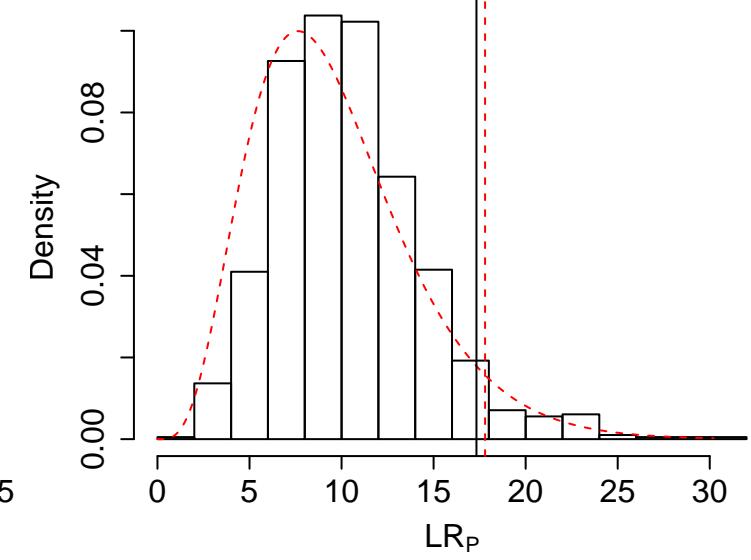($\lambda = 0.5$, $\alpha = 0.085$, df = 14.3, 500, m = 996)

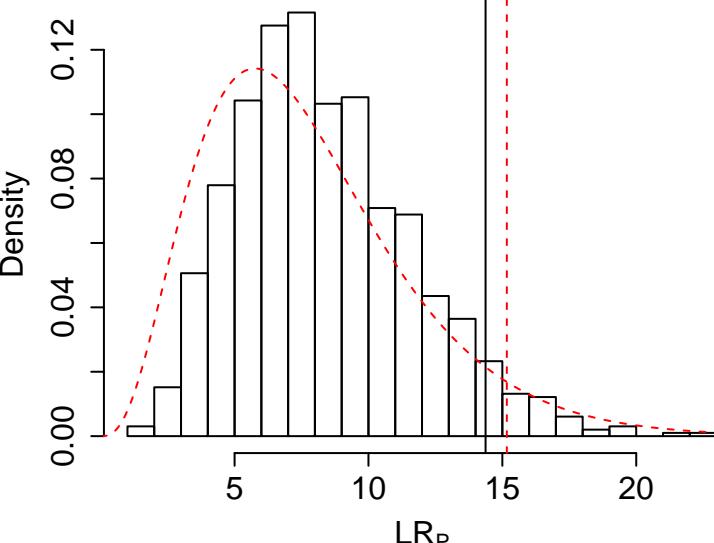($\lambda = 1$, $\alpha = 0.07$, df = 13.27, 500, m = 997)

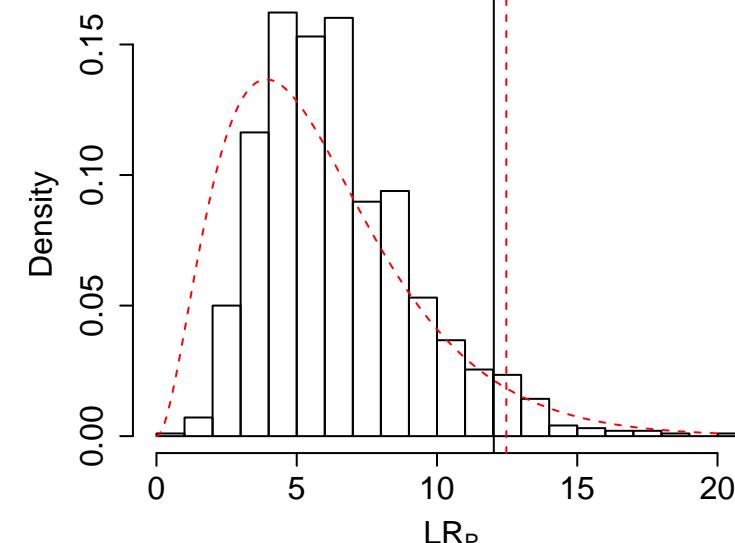($\lambda = 2$, $\alpha = 0.069$, df = 11.88, 500, m = 992)

($\lambda = 5$, $\alpha = 0.044$, df = 9.63, 500, m = 988)

($\lambda = 10$, $\alpha = 0.037$, df = 7.76, 500, m = 988)

($\lambda = 20$, $\alpha = 0.035$, df = 5.92, 500, m = 980)

($\lambda = 50$, $\alpha = 0.02$, df = 3.83, 500, m = 991)