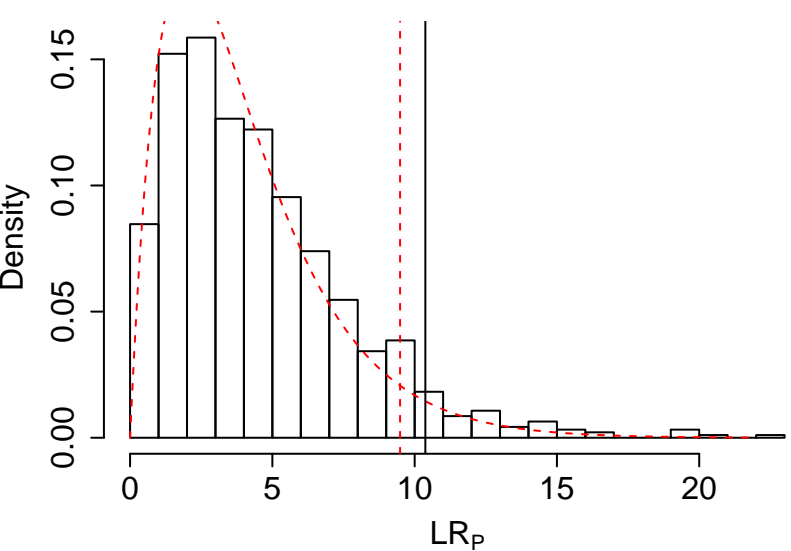
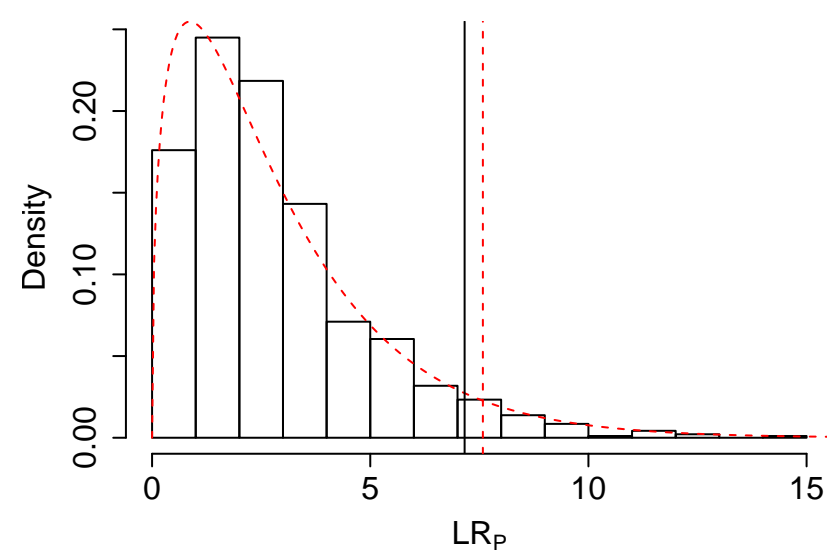


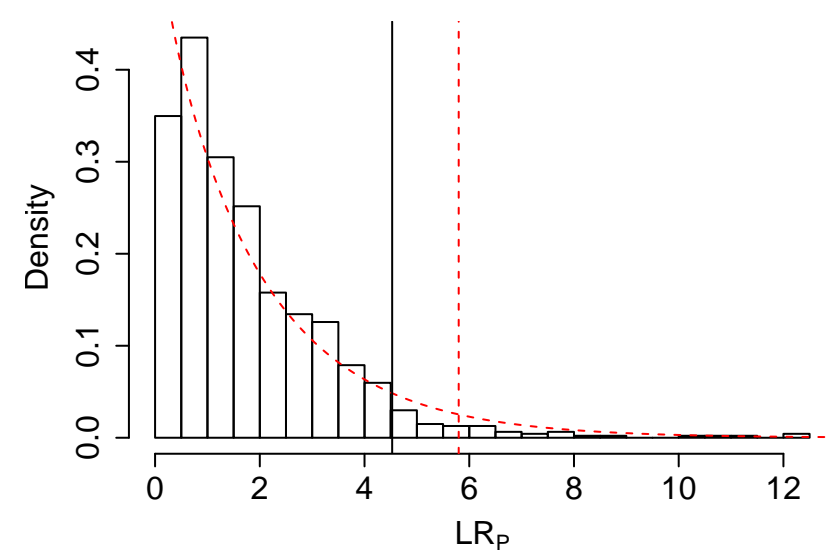
$(\lambda = 0, \alpha = 0.072, \text{df} = 4, n = 200, \text{ncat} = 3, m = 933)$



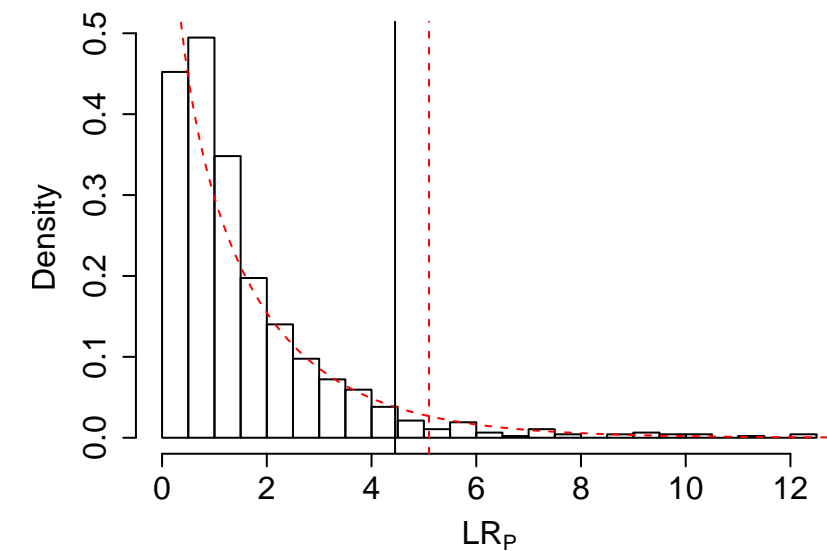
$(\lambda = 1, \alpha = 0.038, \text{df} = 2.87, n = 200, \text{ncat} = 3, m = 943)$



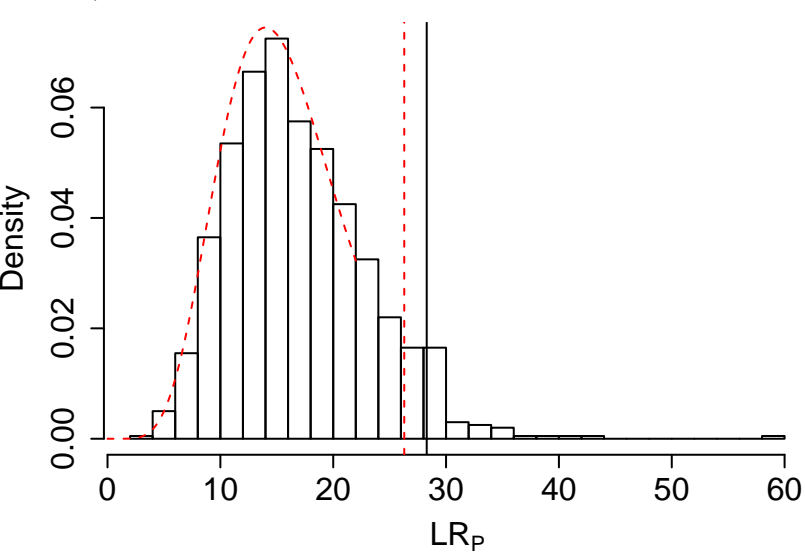
$(\lambda = 5, \alpha = 0.023, \text{df} = 1.9, n = 200, \text{ncat} = 3, m = 938)$



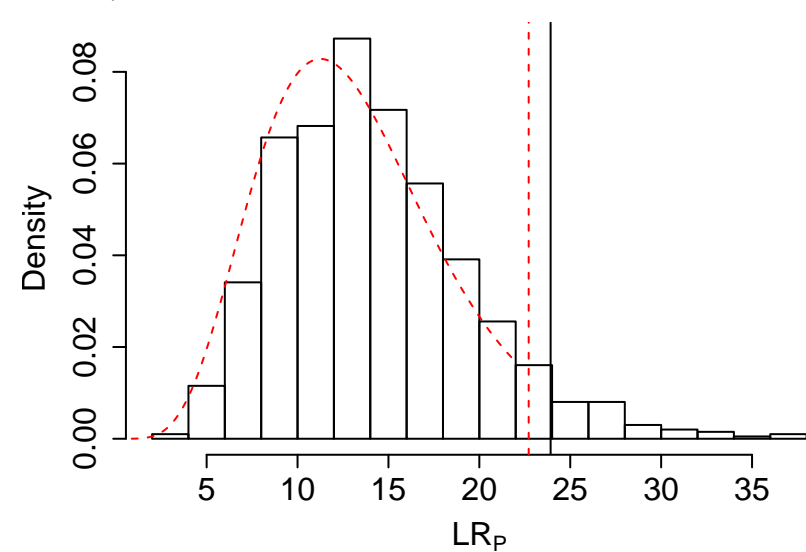
$(\lambda = 10, \alpha = 0.038, \text{df} = 1.56, n = 200, \text{ncat} = 3, m = 942)$



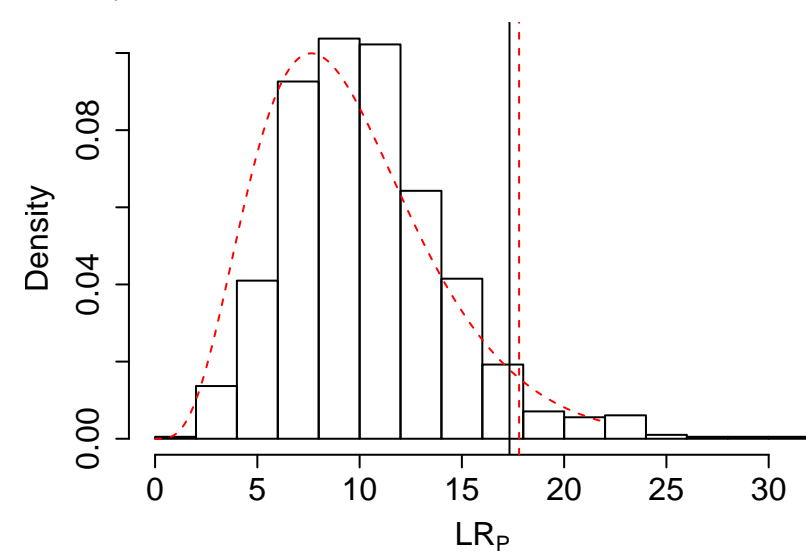
$(\lambda = 0, \alpha = 0.077, \text{df} = 16, n = 500, \text{ncat} = 5, m = 1000)$



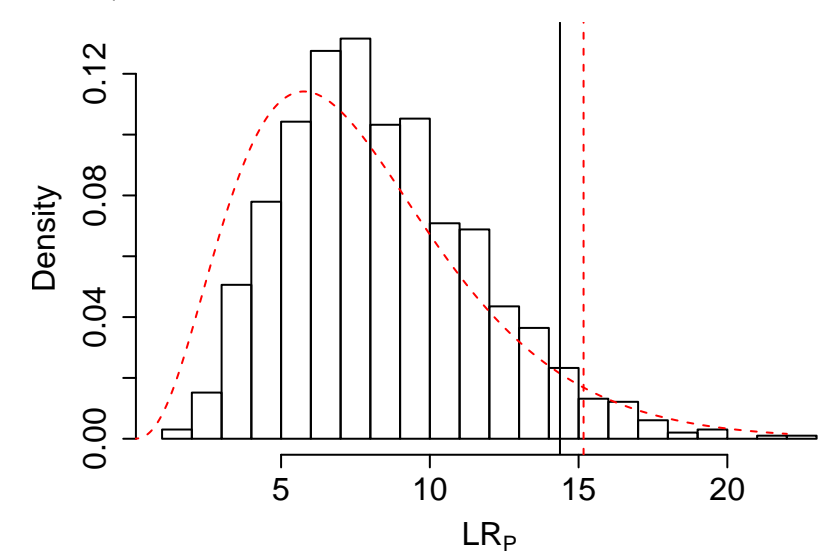
$(\lambda = 1, \alpha = 0.07, \text{df} = 13.27, n = 500, \text{ncat} = 5, m = 997)$



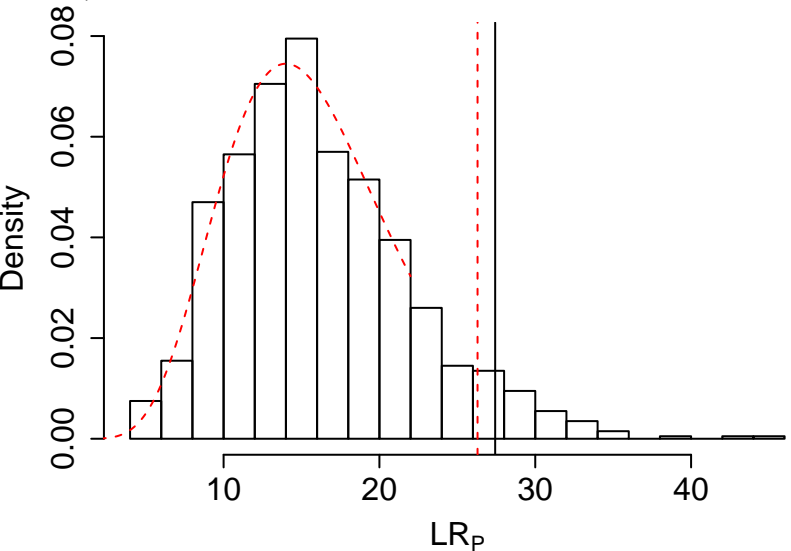
$(\lambda = 5, \alpha = 0.044, \text{df} = 9.63, n = 500, \text{ncat} = 5, m = 988)$



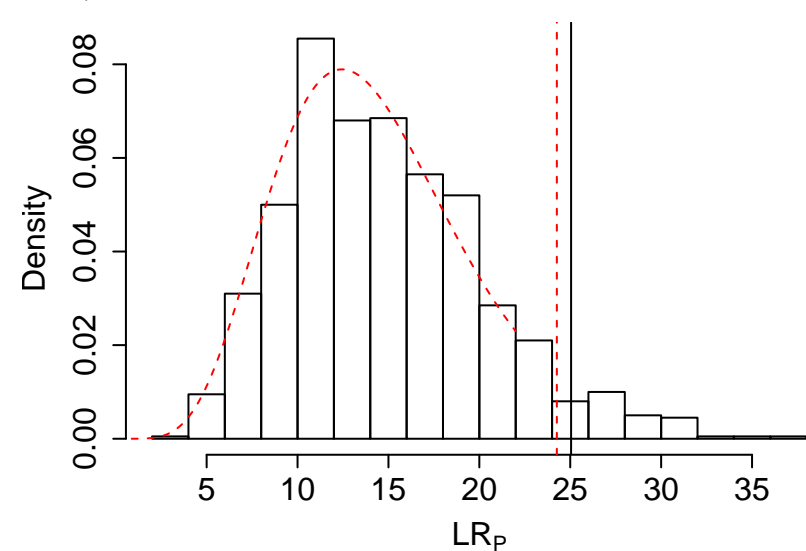
$(\lambda = 10, \alpha = 0.037, \text{df} = 7.76, n = 500, \text{ncat} = 5, m = 988)$



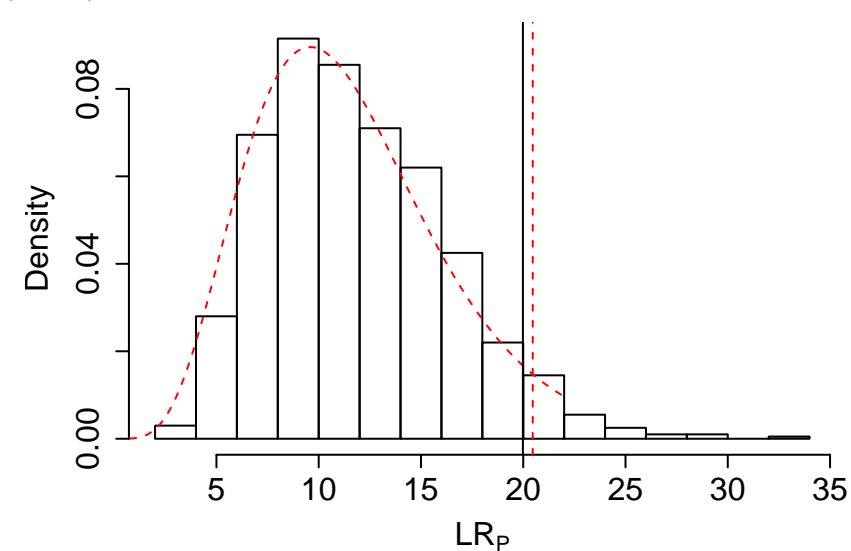
$(\lambda = 0, \alpha = 0.063, \text{df} = 16, n = 1000, \text{ncat} = 7, m = 1000)$



$(\lambda = 1, \alpha = 0.057, \text{df} = 14.44, n = 1000, \text{ncat} = 7, m = 1000)$



$(\lambda = 5, \alpha = 0.043, \text{df} = 11.58, n = 1000, \text{ncat} = 7, m = 1000)$



$(\lambda = 10, \alpha = 0.04, \text{df} = 9.85, n = 1000, \text{ncat} = 7, m = 1000)$

