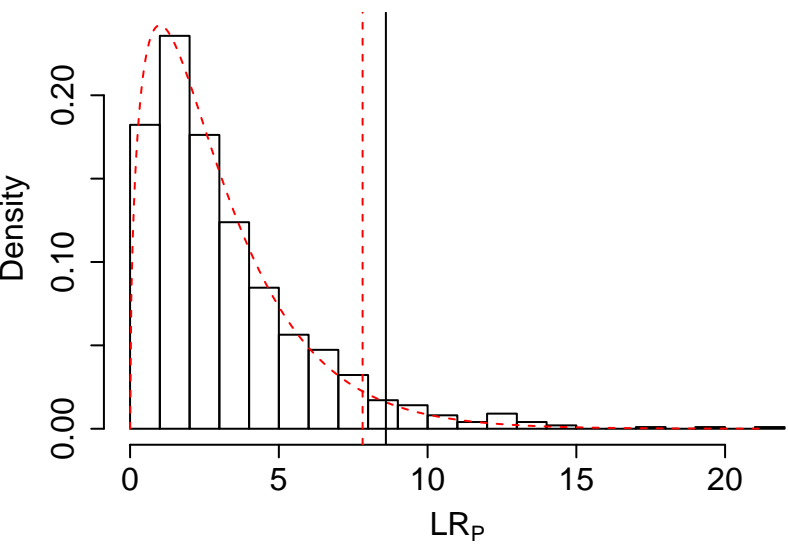
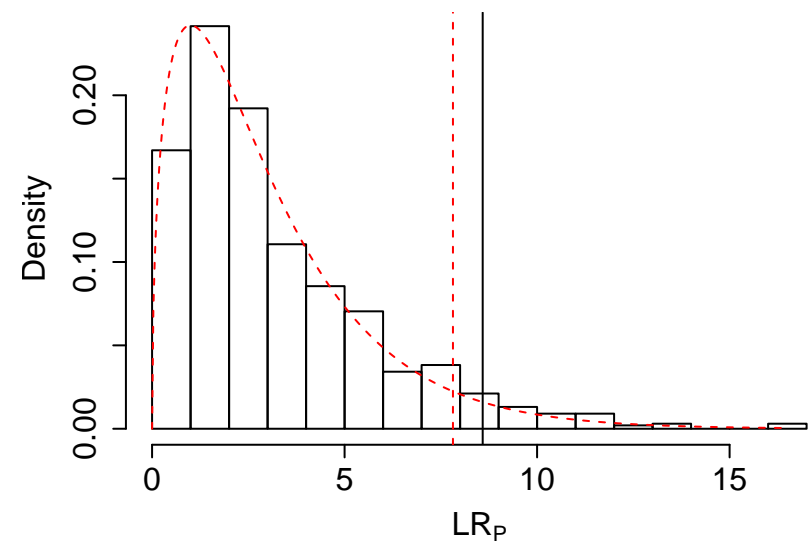


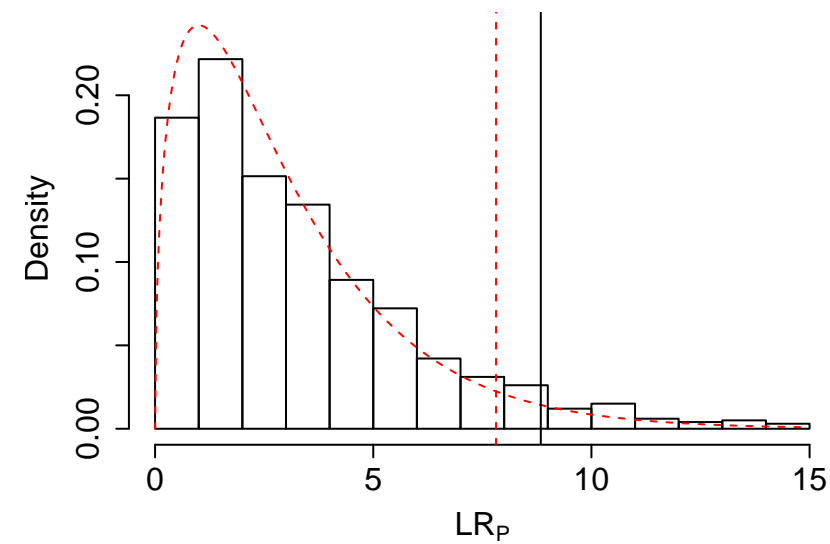
$(\lambda = 0, \alpha = 0.063, \text{df} = 3, \text{ncat} = 3, n = 500, m = 993)$



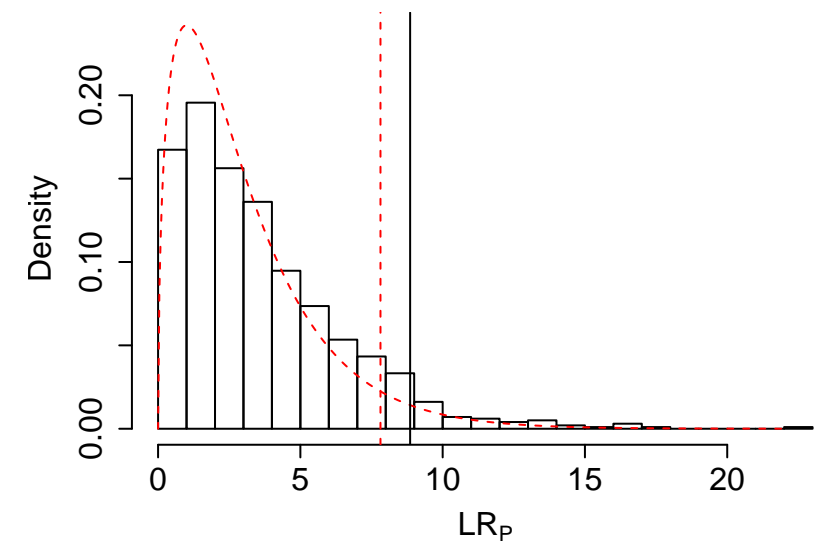
$(\lambda = 1, \alpha = 0.068, \text{df} = 3, \text{ncat} = 3, n = 500, m = 994)$



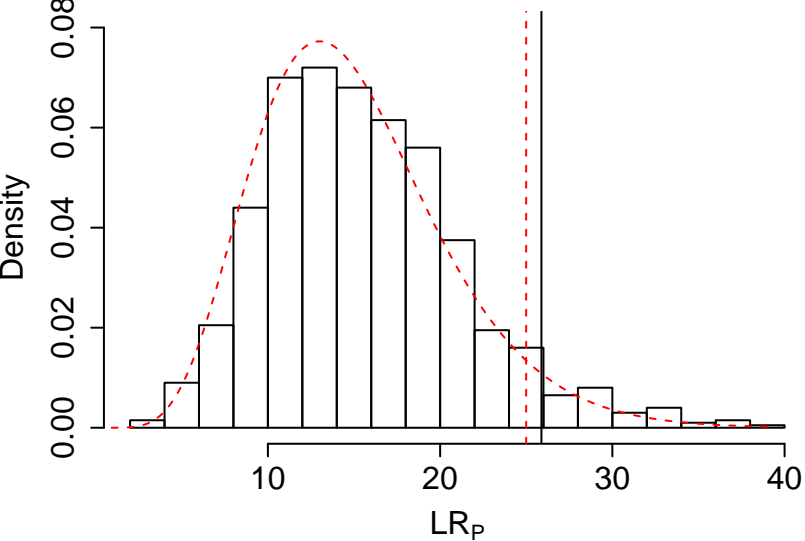
$(\lambda = 5, \alpha = 0.076, \text{df} = 3, \text{ncat} = 3, n = 500, m = 997)$



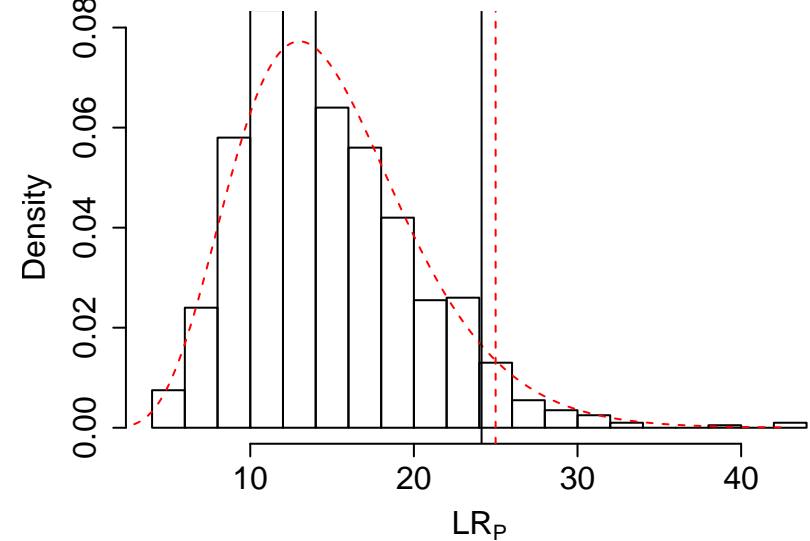
$(\lambda = 10, \alpha = 0.085, \text{df} = 3, \text{ncat} = 3, n = 500, m = 992)$



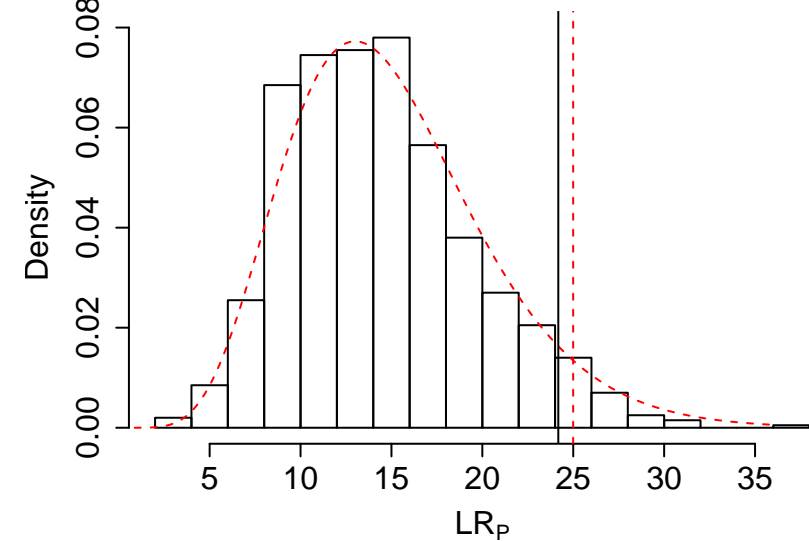
$(\lambda = 0, \alpha = 0.06, \text{df} = 15, \text{ncat} = 5, n = 1000, m = 1000)$



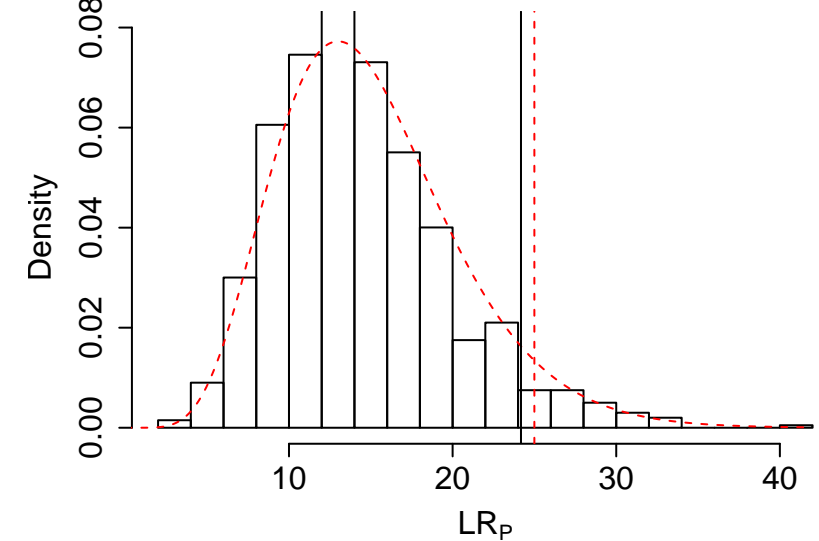
$(\lambda = 1, \alpha = 0.037, \text{df} = 15, \text{ncat} = 5, n = 1000, m = 1000)$



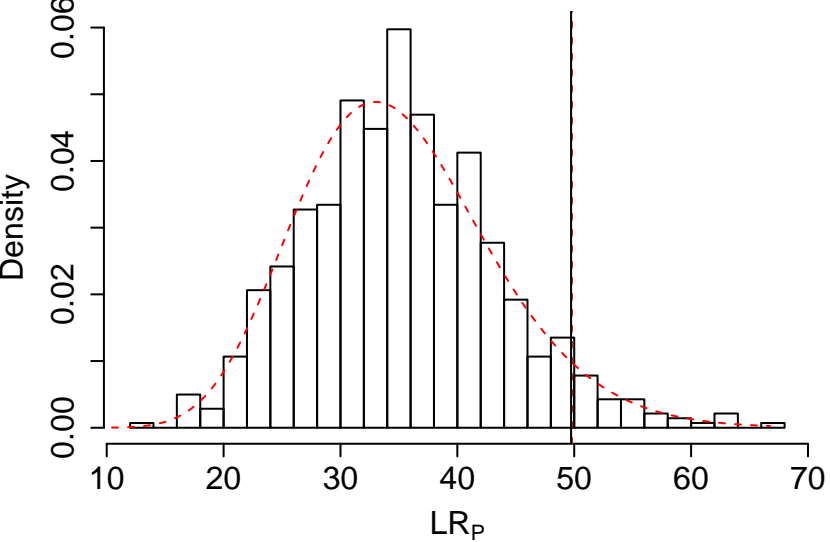
$(\lambda = 5, \alpha = 0.033, \text{df} = 15, \text{ncat} = 5, n = 1000, m = 1000)$



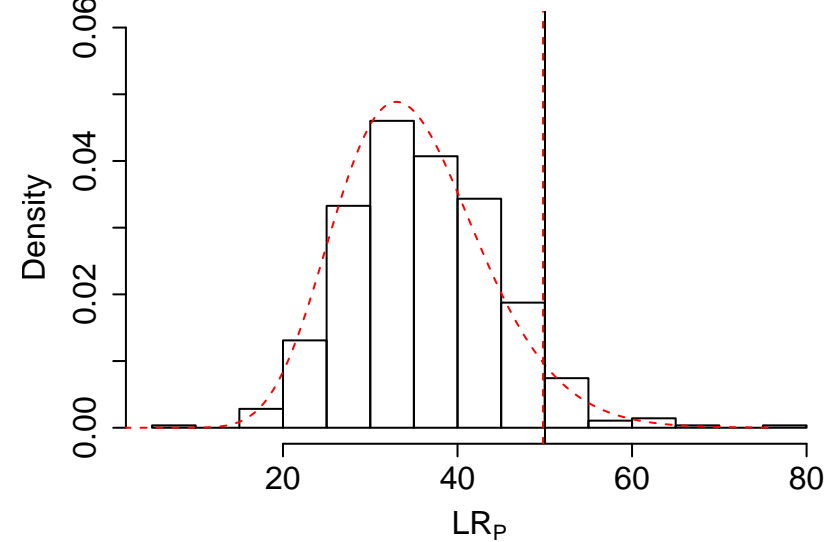
$(\lambda = 10, \alpha = 0.043, \text{df} = 15, \text{ncat} = 5, n = 1000, m = 999)$



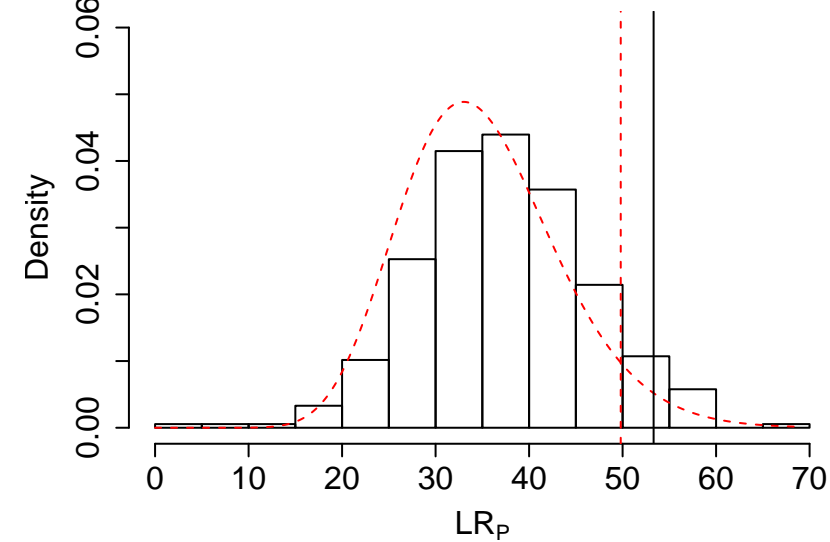
$(\lambda = 0, \alpha = 0.048, \text{df} = 35, \text{ncat} = 7, n = 2000, m = 703)$



$(\lambda = 1, \alpha = 0.053, \text{df} = 35, \text{ncat} = 7, n = 2000, m = 565)$



$(\lambda = 5, \alpha = 0.088, \text{df} = 35, \text{ncat} = 7, n = 2000, m = 728)$



$(\lambda = 10, \alpha = 0.097, \text{df} = 35, \text{ncat} = 7, n = 2000, m = 755)$

