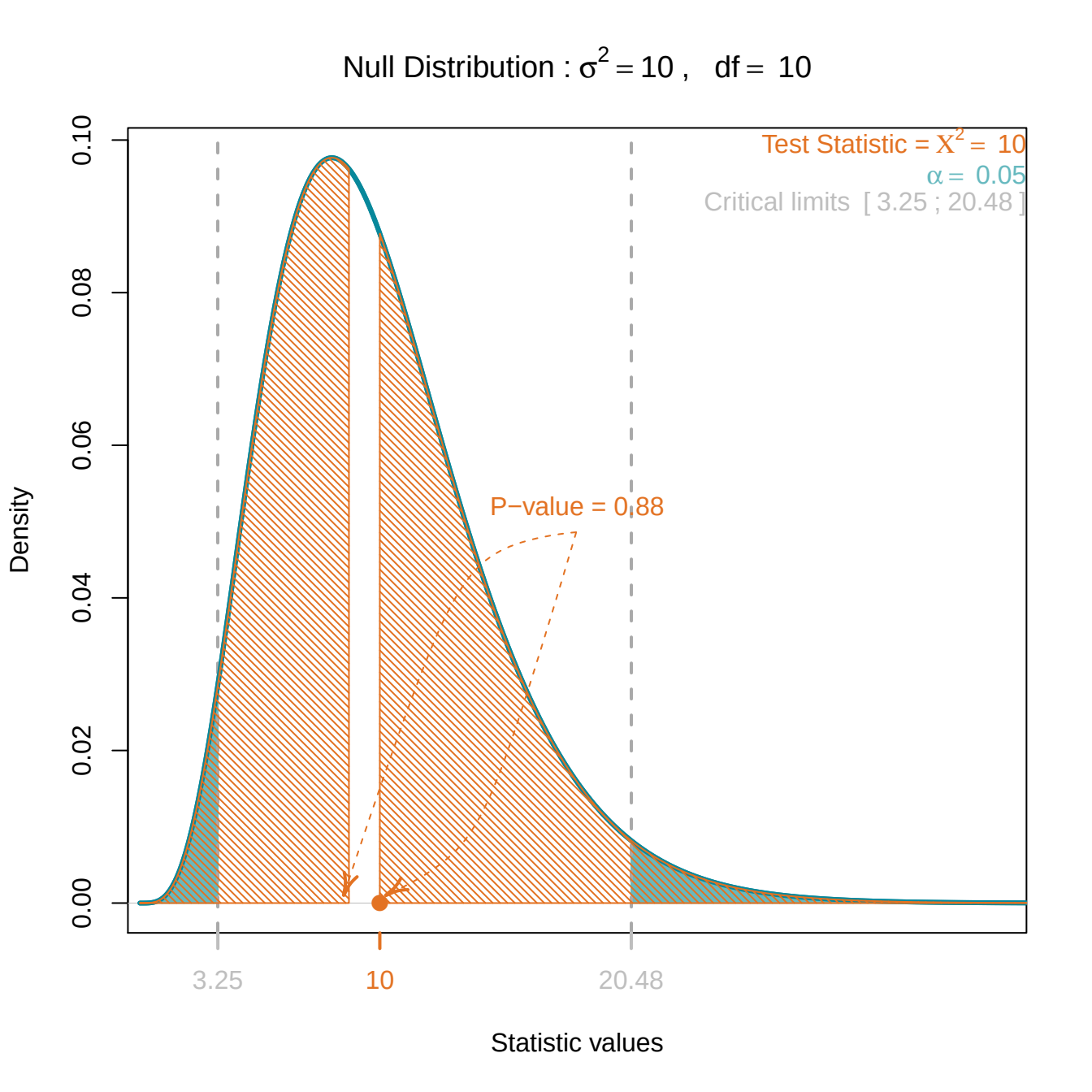
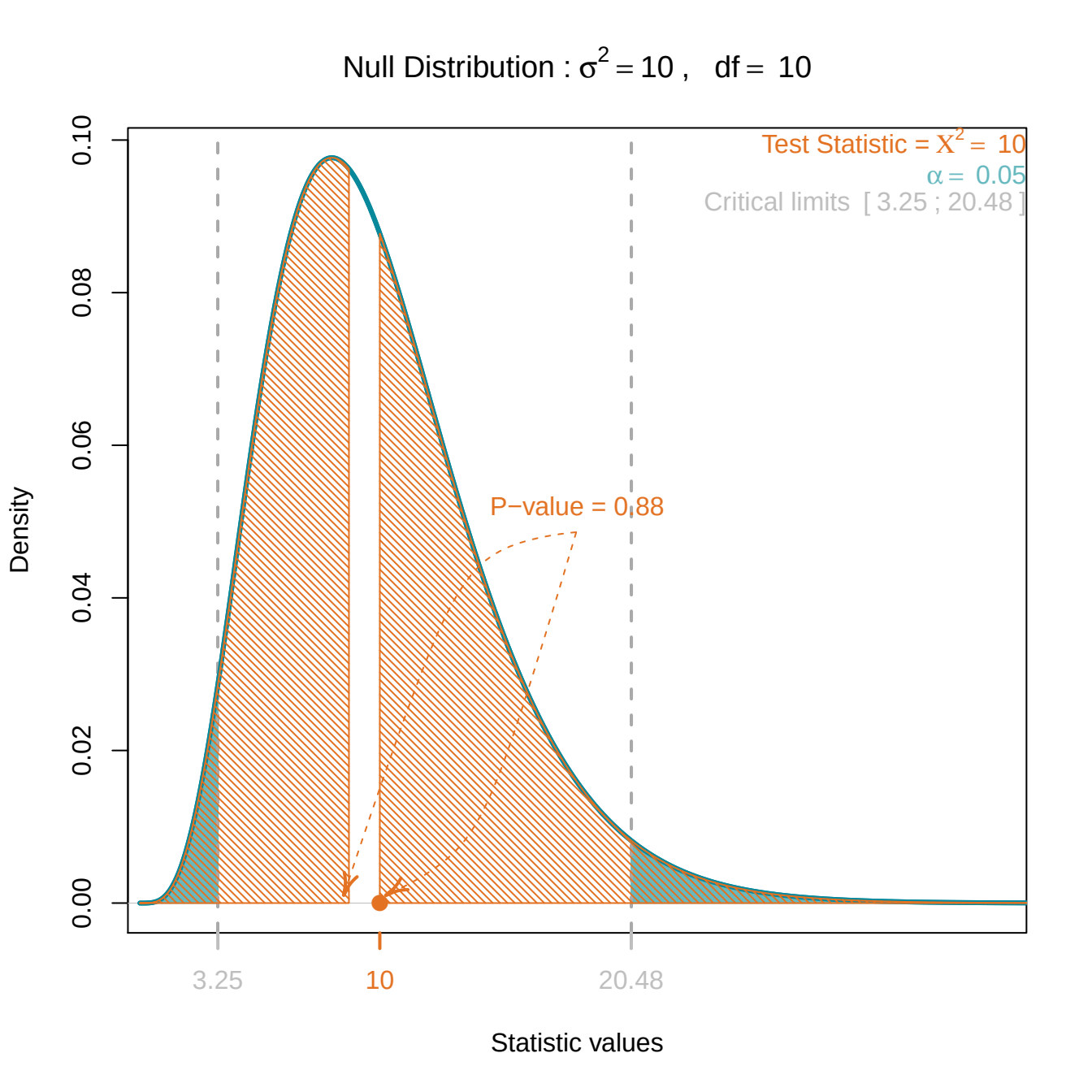
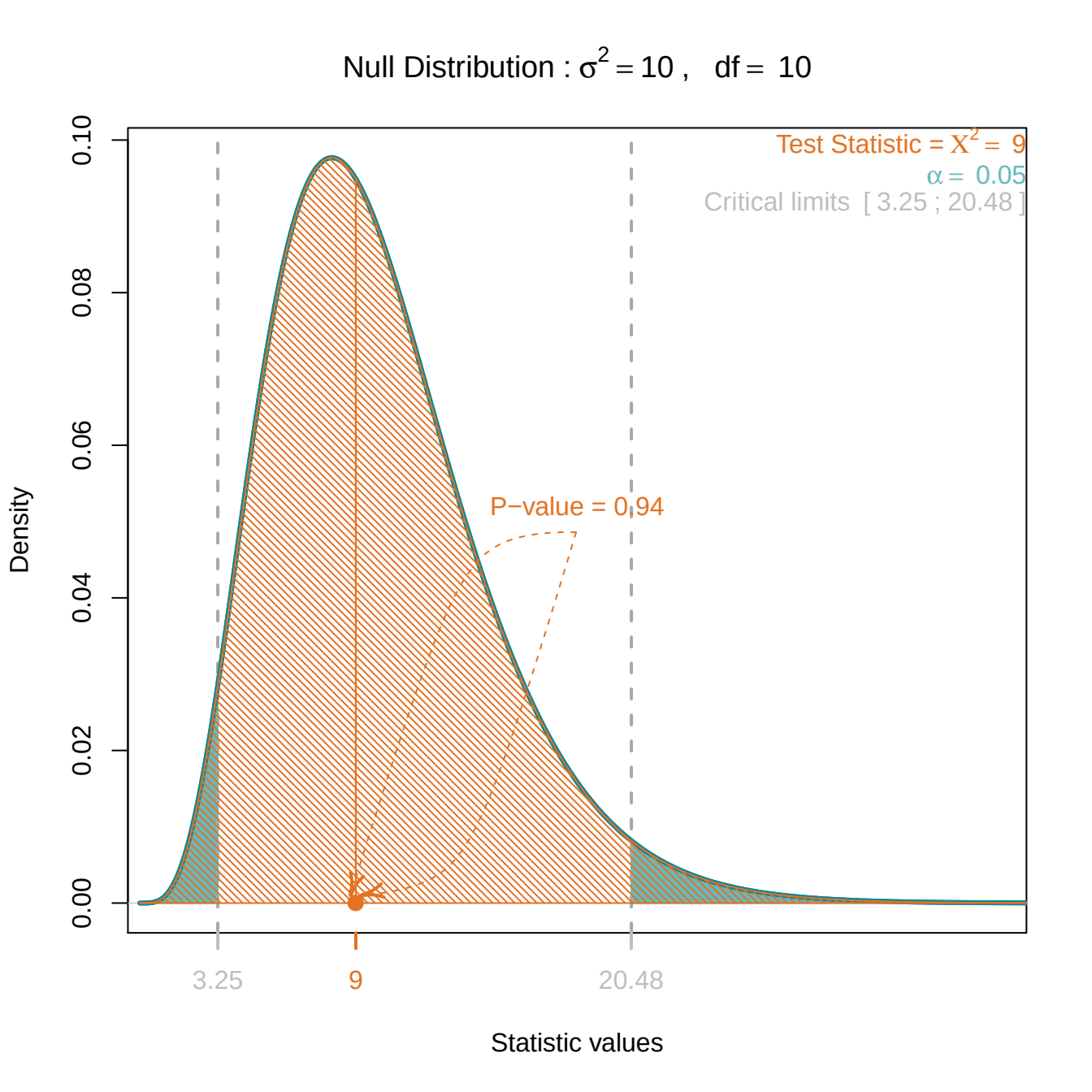
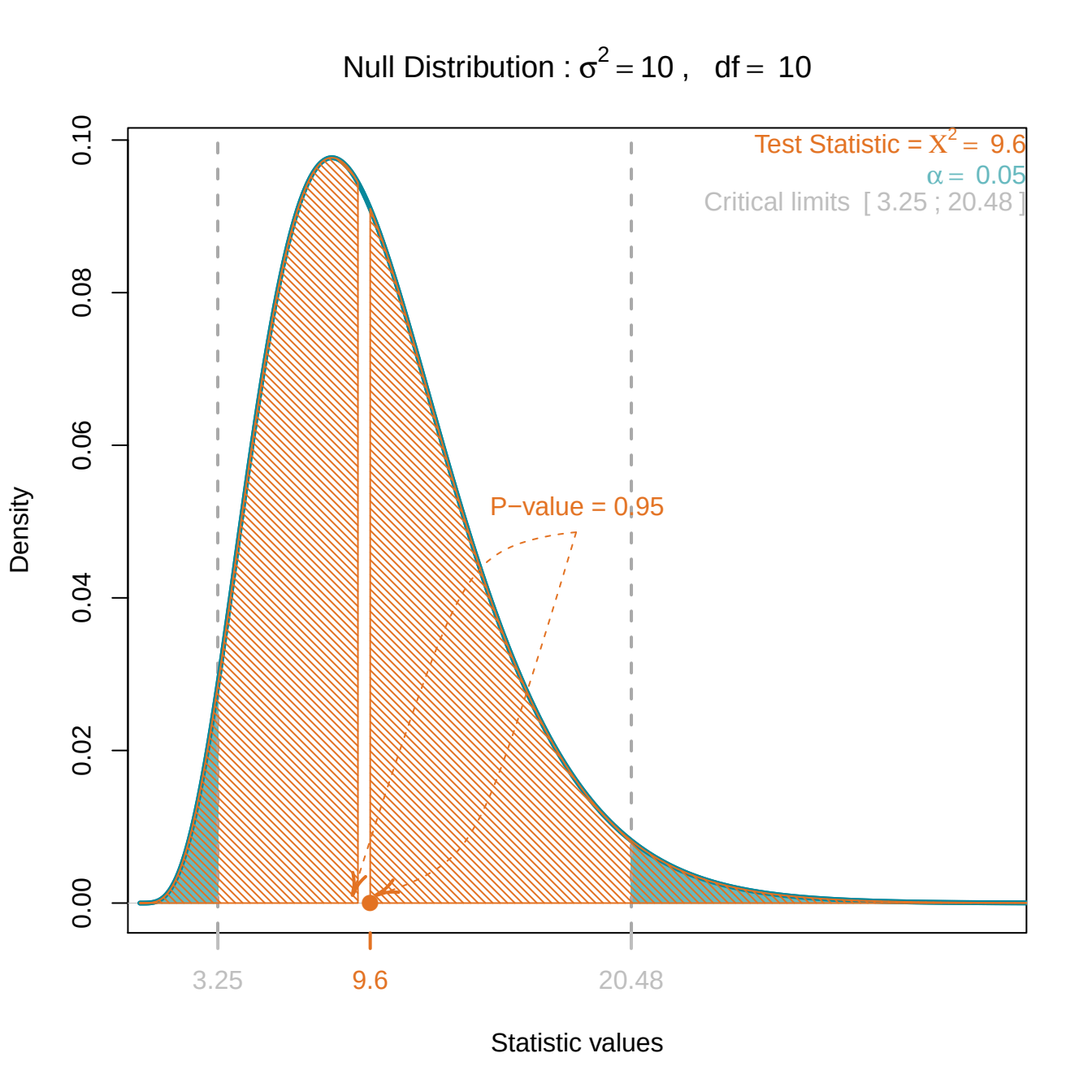
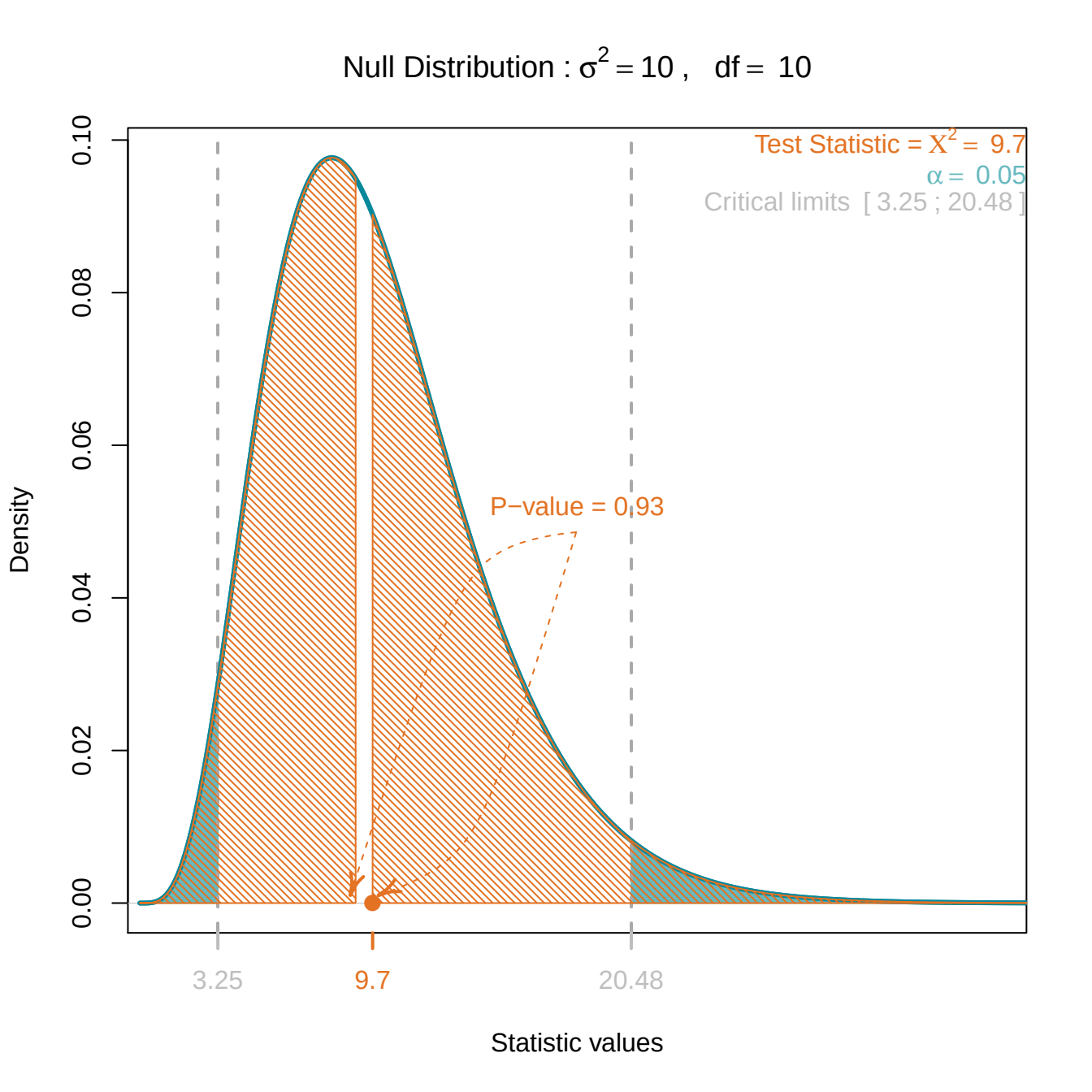
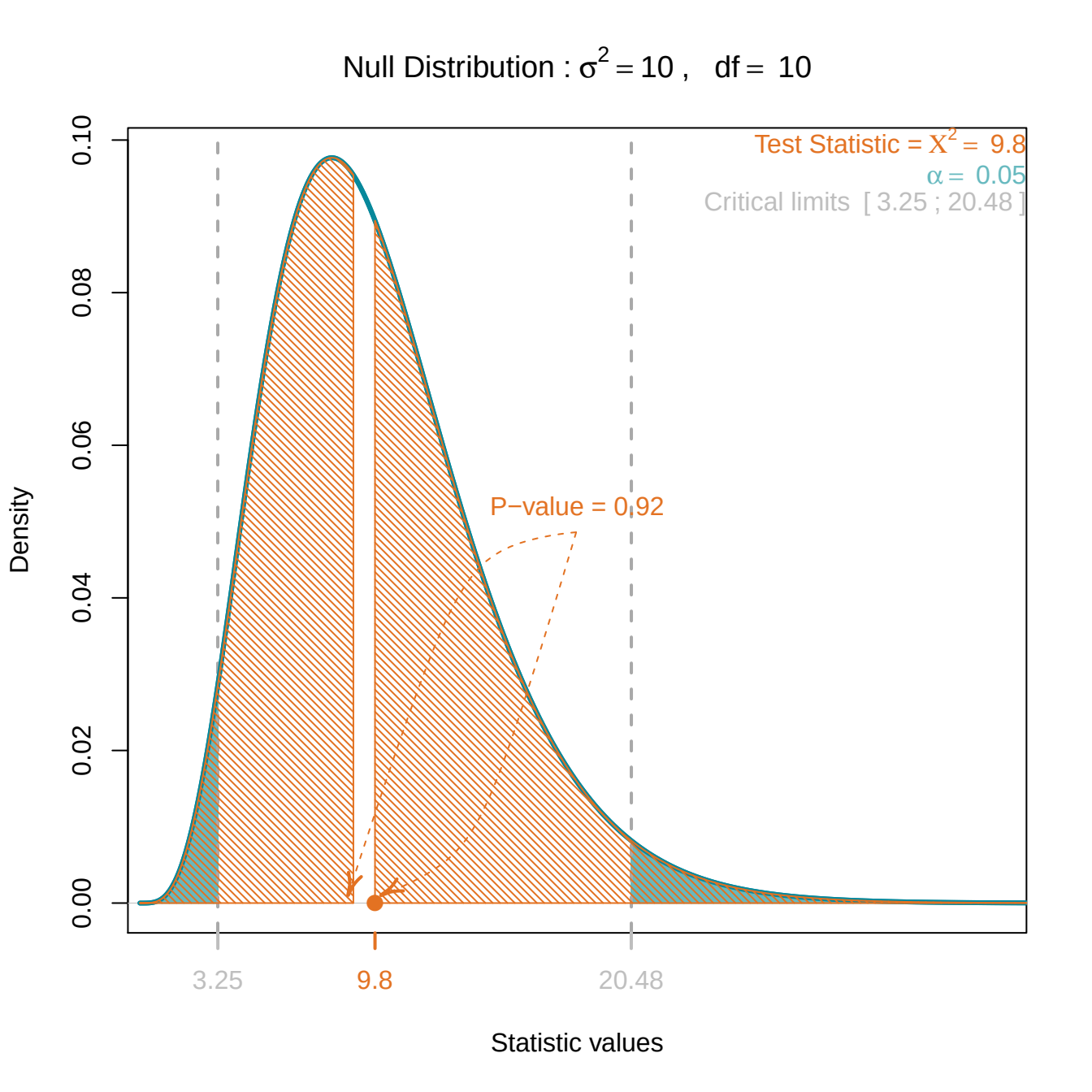

Null Distribution : $\sigma^2 = 10$, df = 10
Test Statistic = X^2 = 10
α = 0.05
Critical limits [3.25 ; 20.48]
P−value = 0.88
Density
0.00
0.02
0.04
0.06
0.08
0.10
3.25
10
20.48
Statistic values

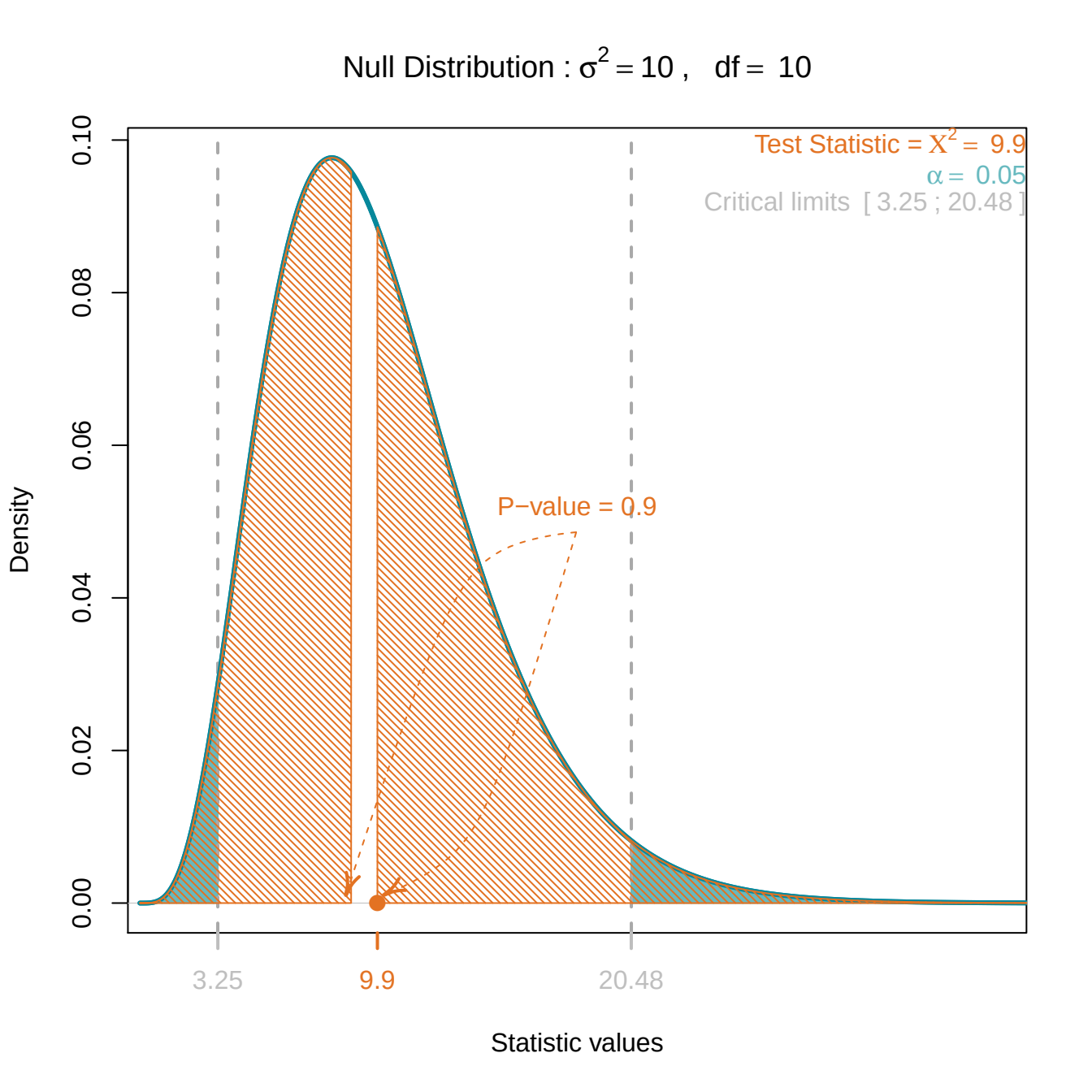

Null Distribution : $\sigma^2 = 10$, df = 10
Test Statistic = X^2 = 10
α = 0.05
Critical limits [3.25 ; 20.48]
P−value = 0.88
Density
0.00
0.02
0.04
0.06
0.08
0.10
3.25
10
20.48
Statistic values

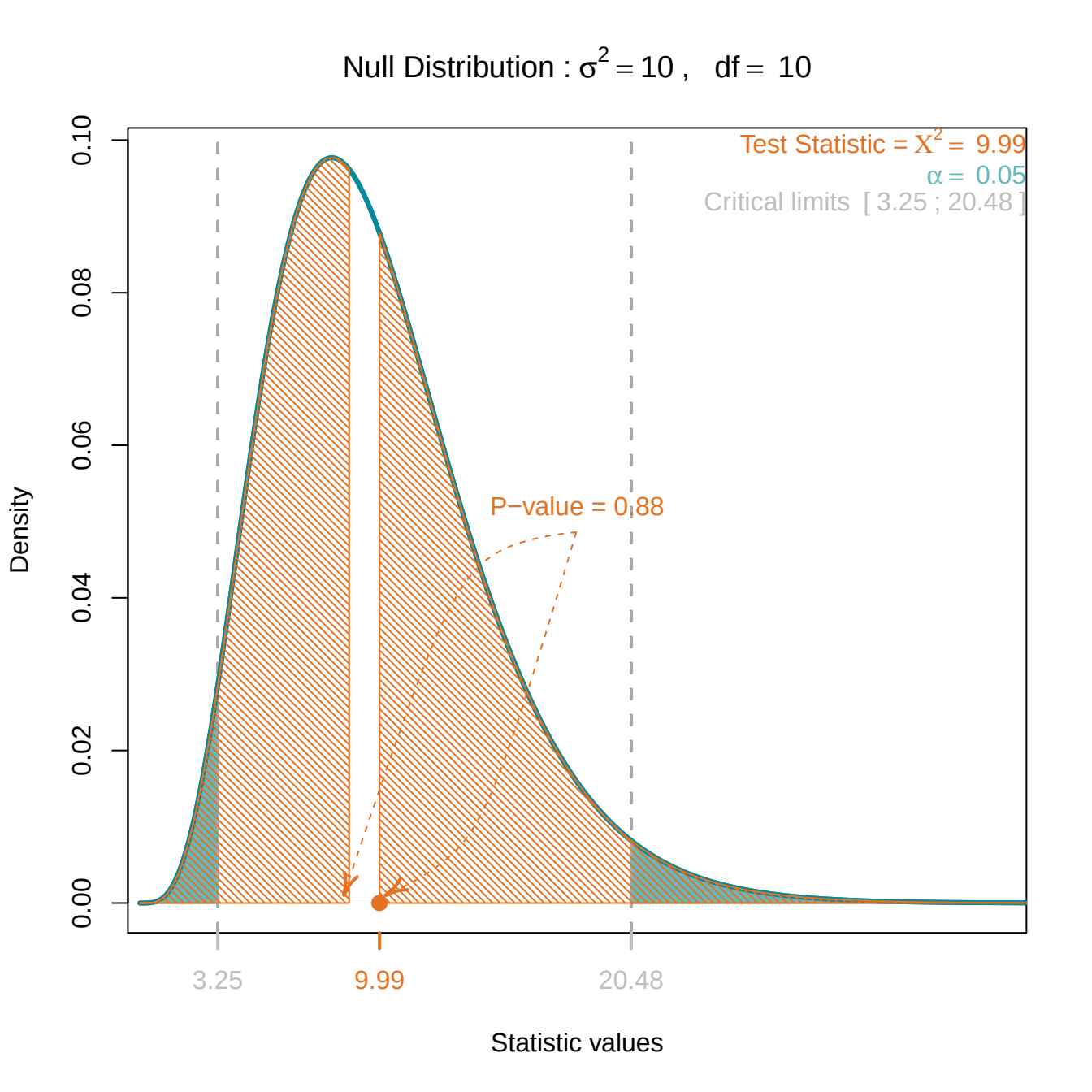

Null Distribution : $\sigma^2 = 10$, df = 10
Test Statistic = X^2 = 9
α = 0.05
Critical limits [3.25 ; 20.48]
P−value = 0.94
Density
0.00
0.02
0.04
0.06
0.08
0.10
3.25
9
20.48
Statistic values

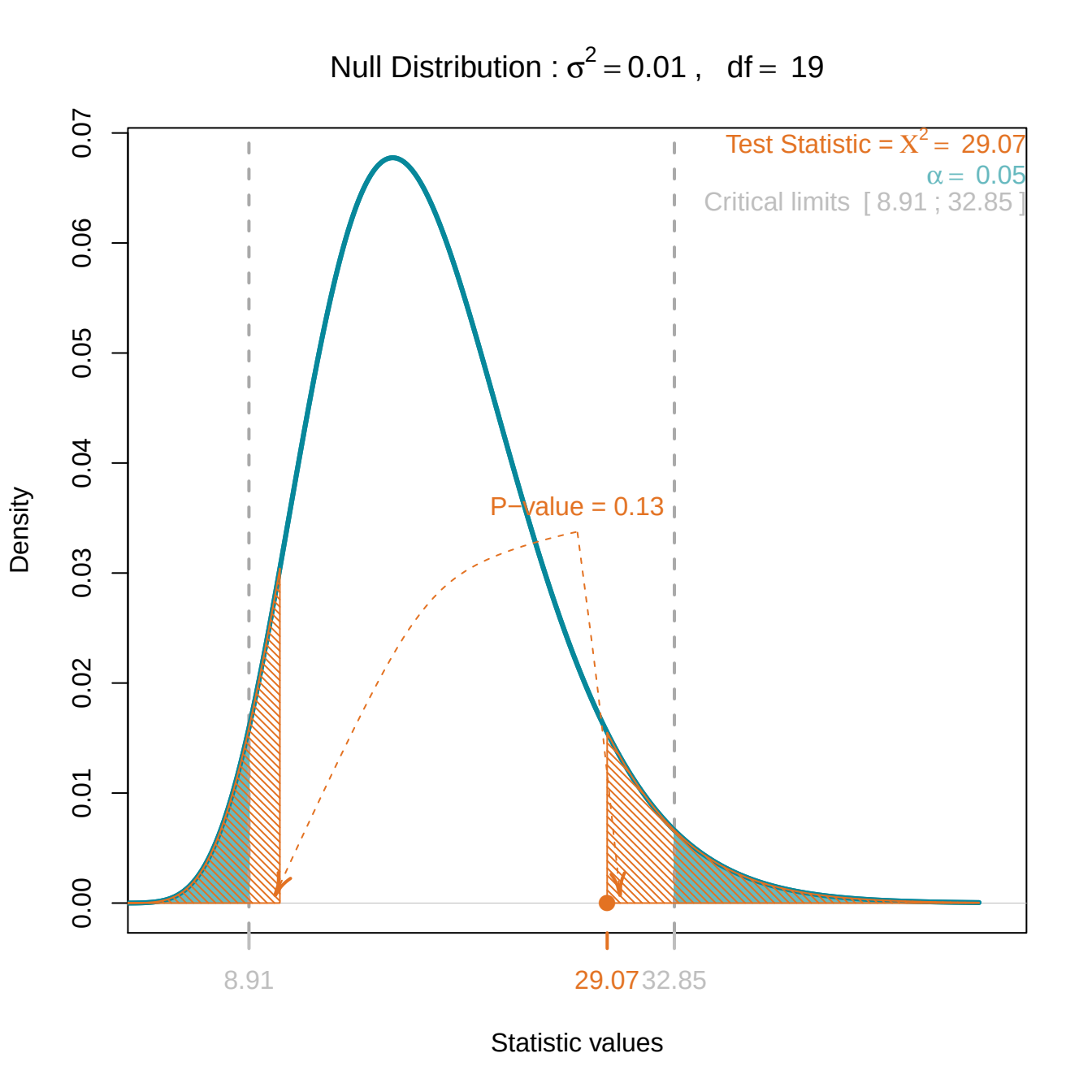

Null Distribution : $\sigma^2 = 10$, df = 10
Test Statistic = X^2 = 9.6
α = 0.05
Critical limits [3.25 ; 20.48]
P−value = 0.95
Density
0.00
0.02
0.04
0.06
0.08
0.10
3.25
9.6
20.48
Statistic values

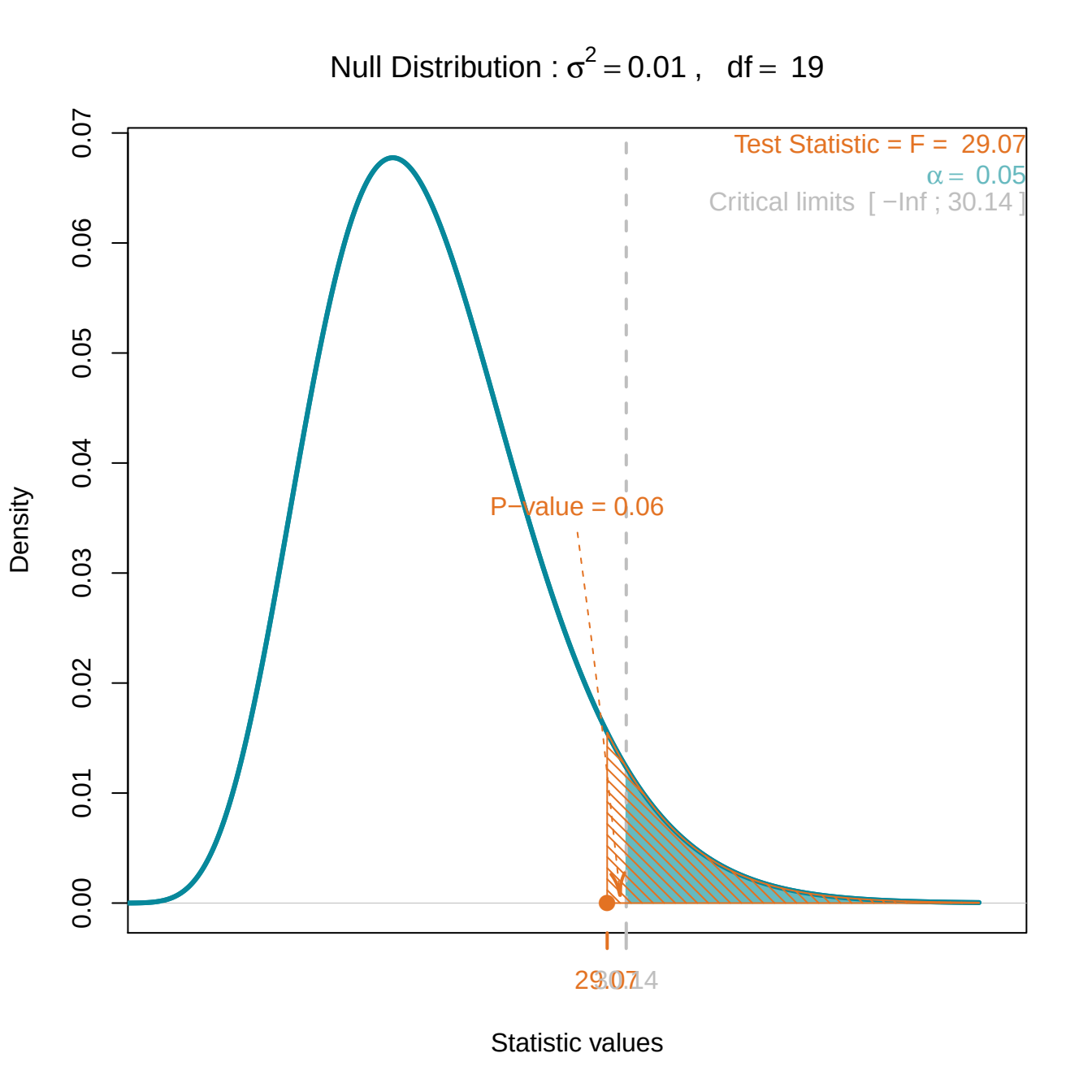

Null Distribution : $\sigma^2 = 10$, df = 10
Test Statistic = X^2 = 9.7
α = 0.05
Critical limits [3.25 ; 20.48]
P−value = 0.93
Density
0.00
0.02
0.04
0.06
0.08
0.10
3.25
9.7
20.48
Statistic values


Null Distribution : $\sigma^2 = 10$, df = 10
Test Statistic = X^2 = 9.8
α = 0.05
Critical limits [3.25 ; 20.48]
P−value = 0.92
Density
0.00
0.02
0.04
0.06
0.08
0.10
3.25
9.8
20.48
Statistic values


Null Distribution : $\sigma^2 = 10$, df = 10
Test Statistic = X^2 = 9.9
α = 0.05
Critical limits [3.25 ; 20.48]
P−value = 0.9
Density
0.00
0.02
0.04
0.06
0.08
0.10
3.25
9.9
20.48
Statistic values


Null Distribution : σ² = 10 , df = 10
Test Statistic = X² = 9.99
α = 0.05
Critical limits [3.25 ; 20.48]
P−value = 0.88
Density
0.00
0.02
0.04
0.06
0.08
0.10
3.25
9.99
20.48
Statistic values


Null Distribution : $\sigma^2 = 0.01$, df = 19
Test Statistic = X^2 = 29.07
α = 0.05
Critical limits [8.91 ; 32.85]
P−value = 0.13
Density
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
8.91
29.07
32.85
Statistic values


Null Distribution : $\sigma^2 = 0.01$, df = 19
Test Statistic = F = 29.07
α = 0.05
Critical limits [−Inf ; 30.14]
P−value = 0.06
Density
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
29.07
30.14
Statistic values