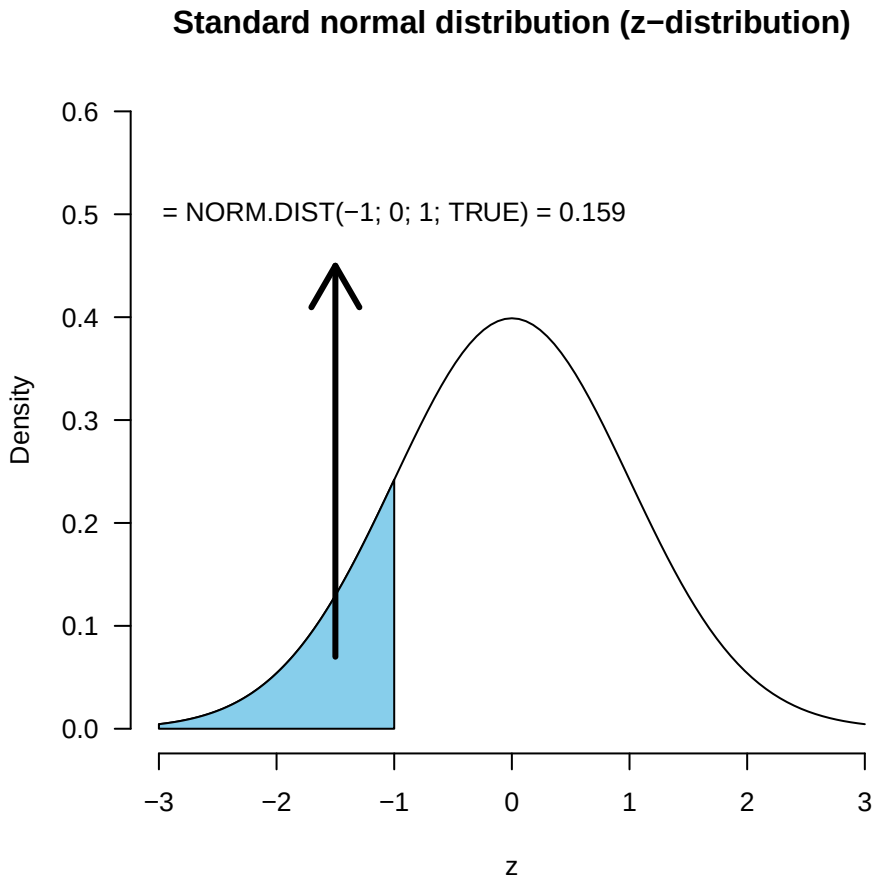
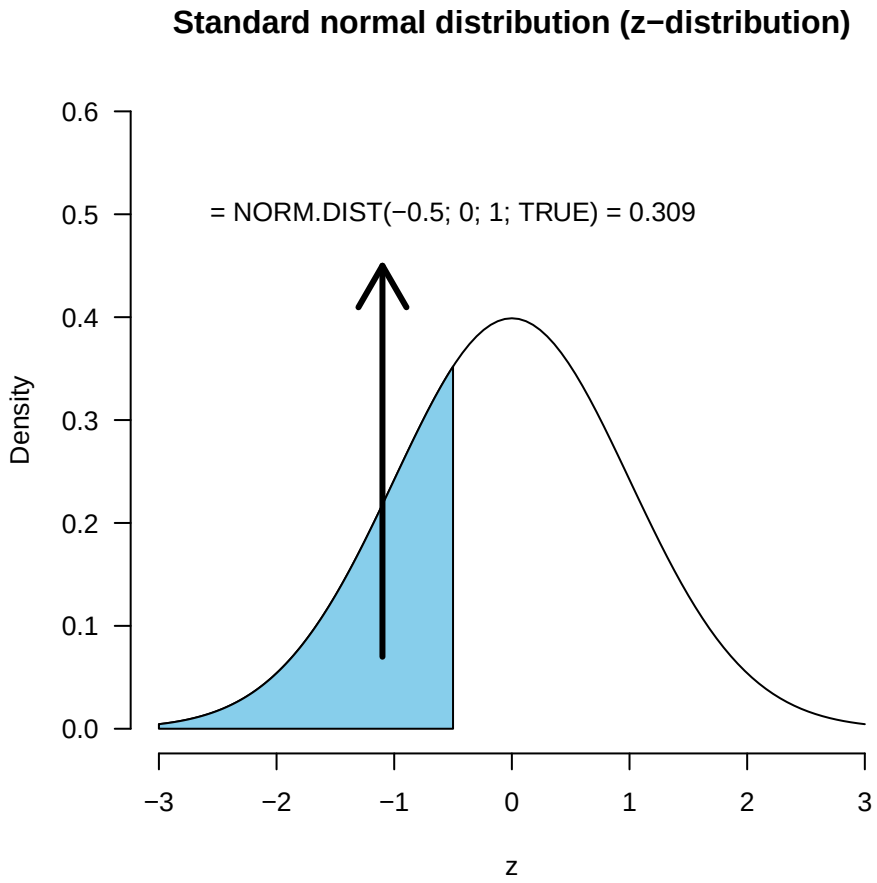
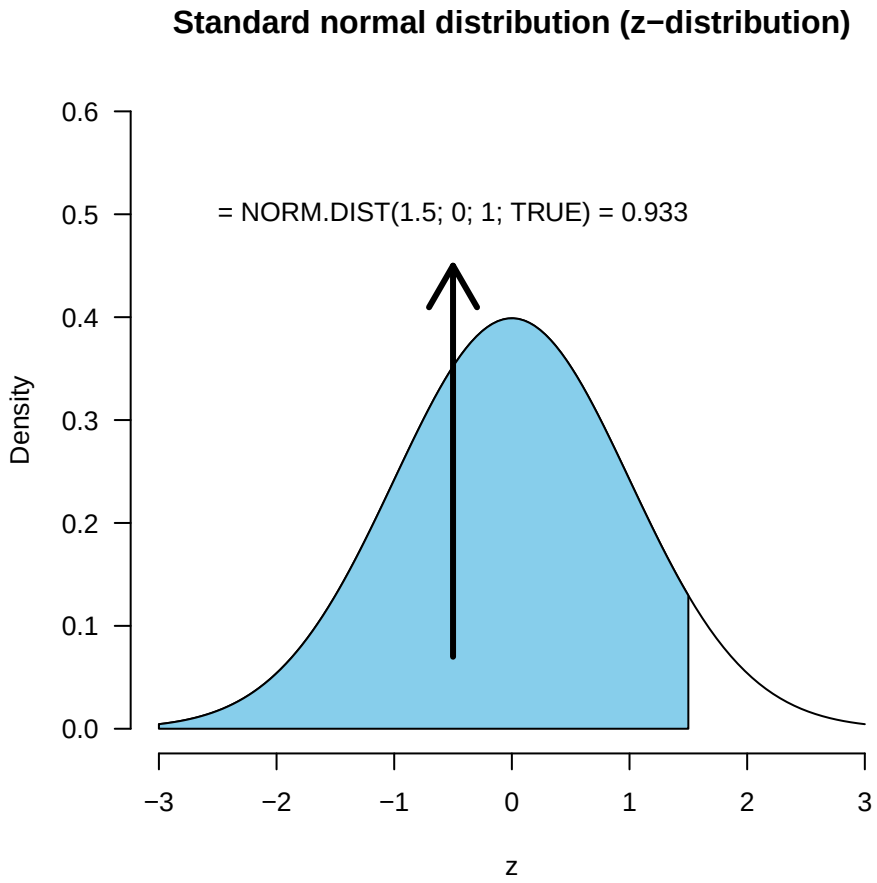
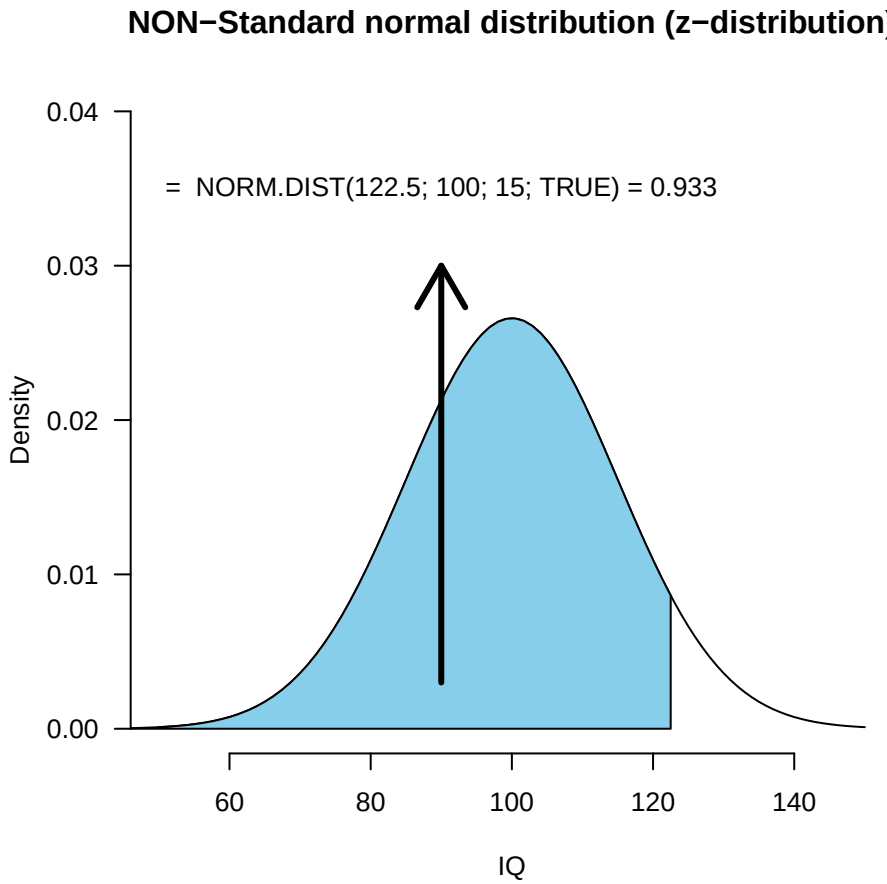
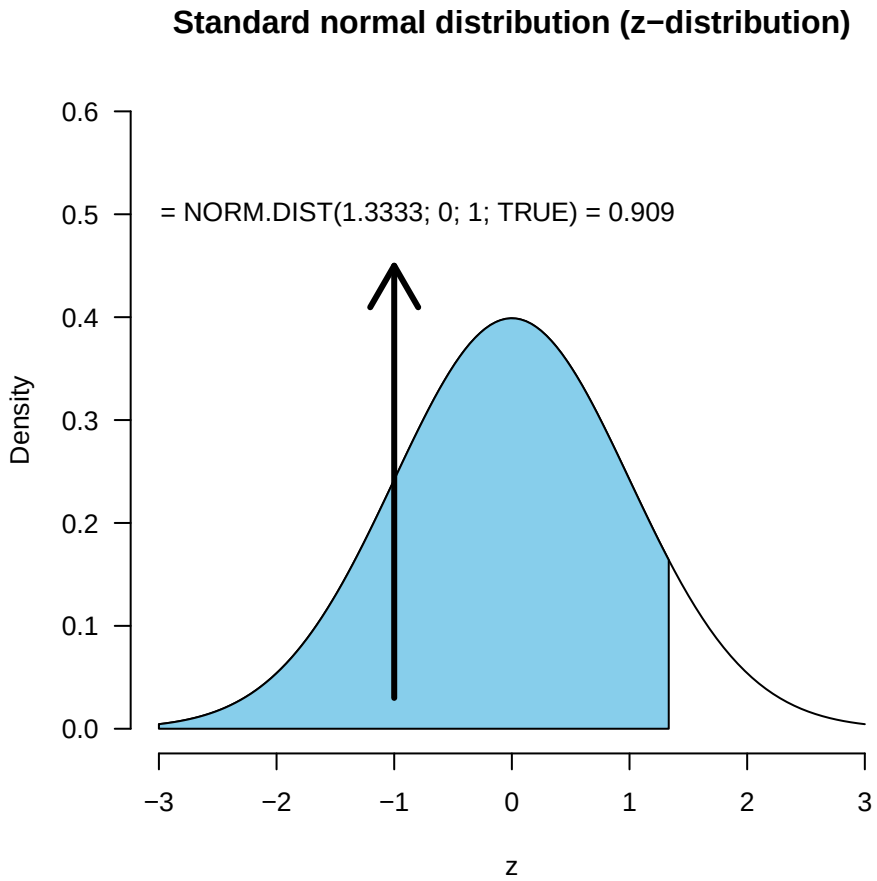

Standard normal distribution (z−distribution)
= NORM.DIST(−1; 0; 1; TRUE) = 0.159
Density
0.0
0.1
0.2
0.3
0.4
0.5
0.6
−3
−2
−1
0
1
2
3
z


Standard normal distribution (z−distribution)
= NORM.DIST(−0.5; 0; 1; TRUE) = 0.309
Density
0.0
0.1
0.2
0.3
0.4
0.5
0.6
−3
−2
−1
0
1
2
3
z


Standard normal distribution (z−distribution)
= NORM.DIST(1.5; 0; 1; TRUE) = 0.933
Density
0.0
0.1
0.2
0.3
0.4
0.5
0.6
−3
−2
−1
0
1
2
3
z


NON−Standard normal distribution (z−distribution)
= NORM.DIST(122.5; 100; 15; TRUE) = 0.933
Density
0.00
0.01
0.02
0.03
0.04
60
80
100
120
140
IQ


Standard normal distribution (z−distribution)
= NORM.DIST(1.3333; 0; 1; TRUE) = 0.909
Density
0.0
0.1
0.2
0.3
0.4
0.5
0.6
−3
−2
−1
0
1
2
3
z