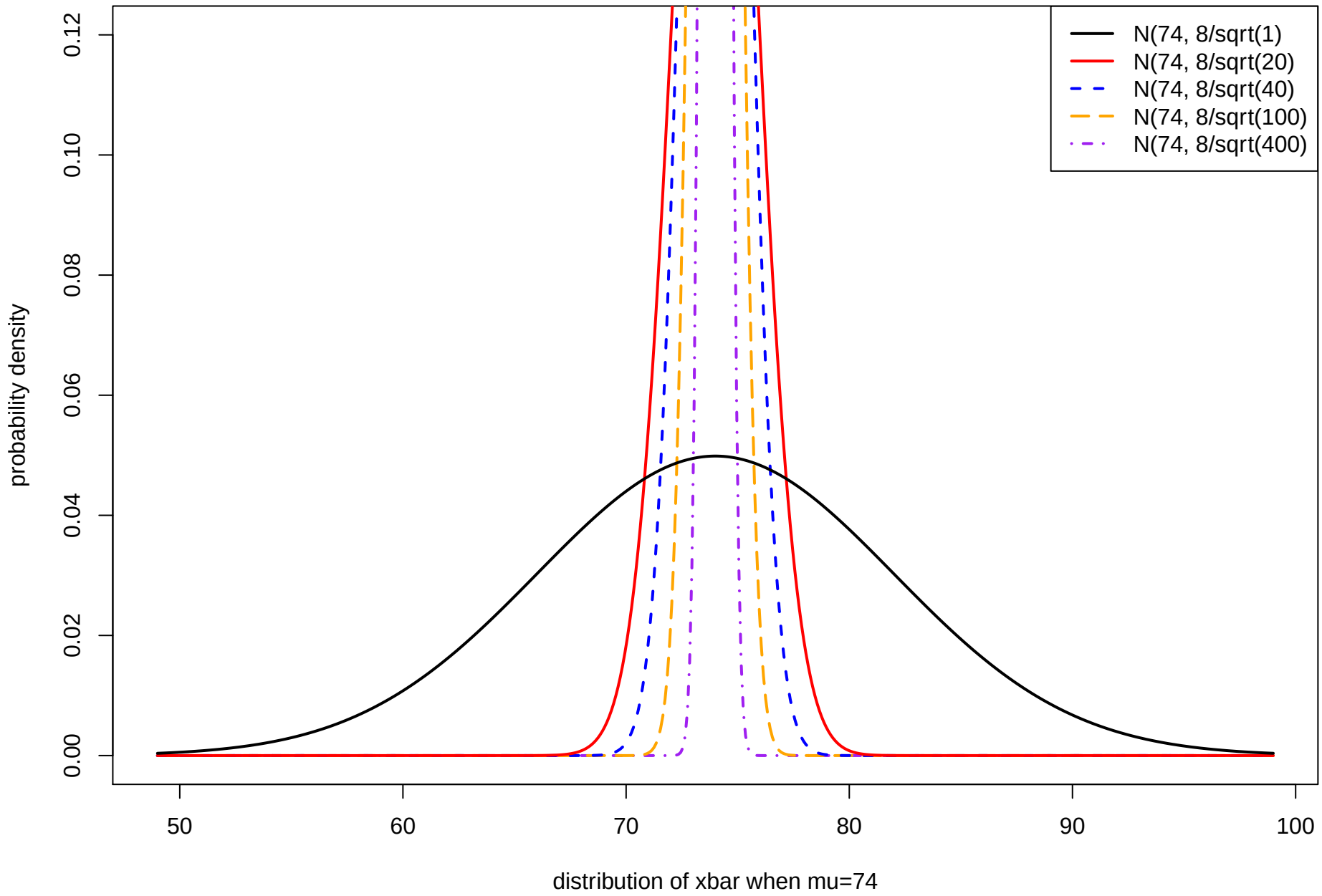
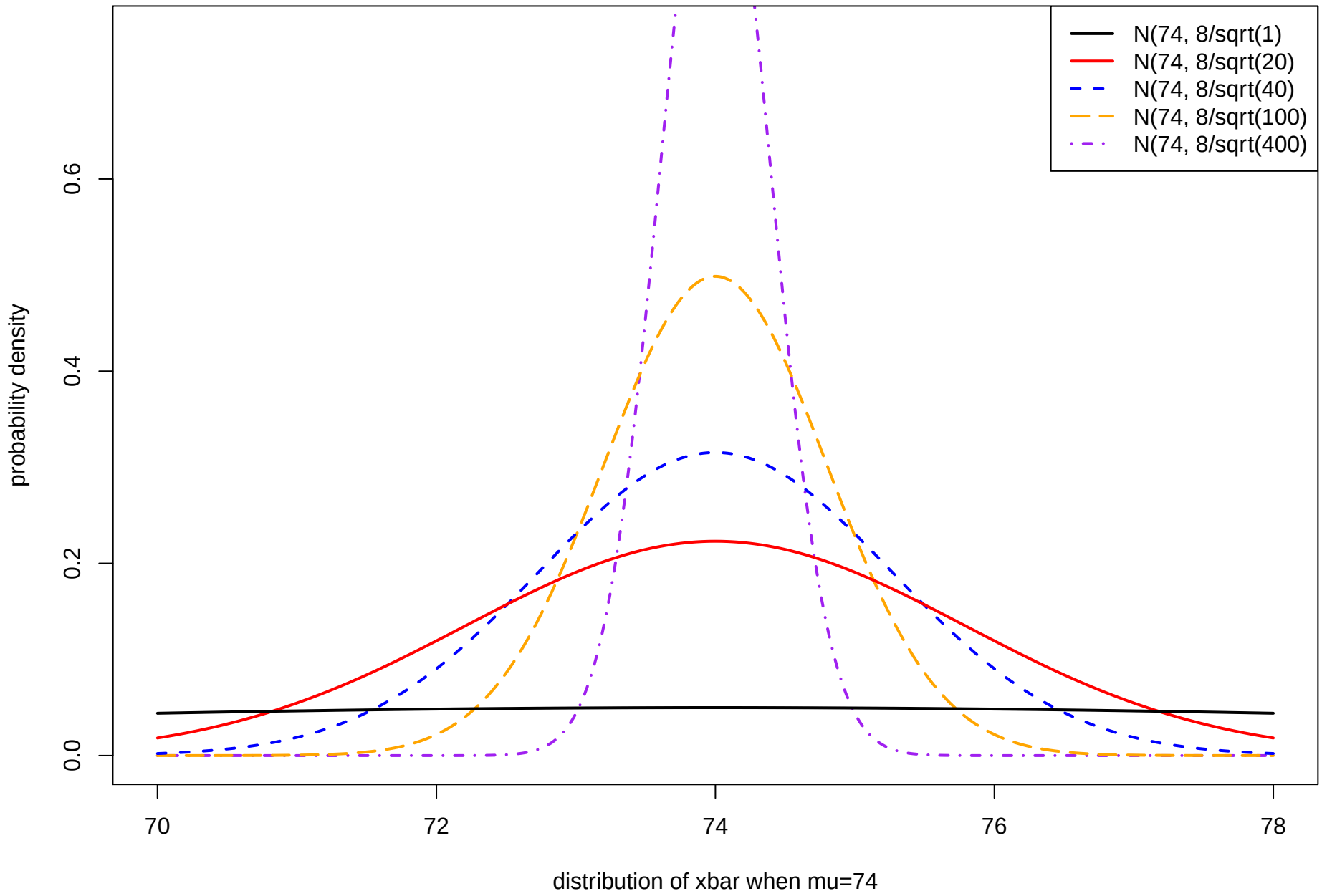

N(74, 8/sqrt(1)
N(74, 8/sqrt(20)
N(74, 8/sqrt(40)
N(74, 8/sqrt(100)
N(74, 8/sqrt(400)
probability density
0.00
0.02
0.04
0.06
0.08
0.10
0.12
50
60
70
80
90
100
distribution of xbar when mu=74


N(74, 8/sqrt(1)
N(74, 8/sqrt(20)
N(74, 8/sqrt(40)
N(74, 8/sqrt(100)
N(74, 8/sqrt(400)
probability density
0.0
0.2
0.4
0.6
70
72
74
76
78
distribution of xbar when mu=74