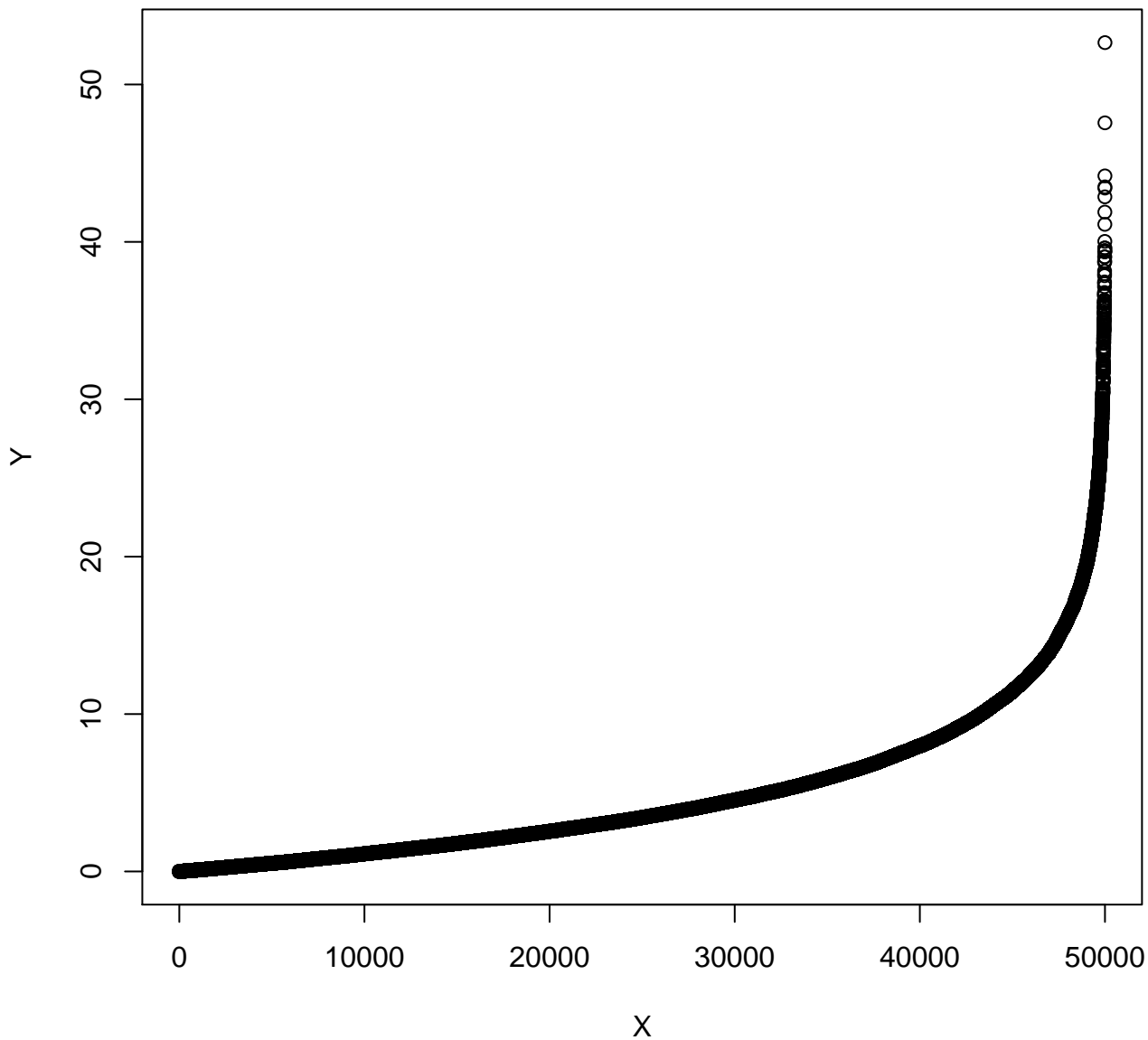
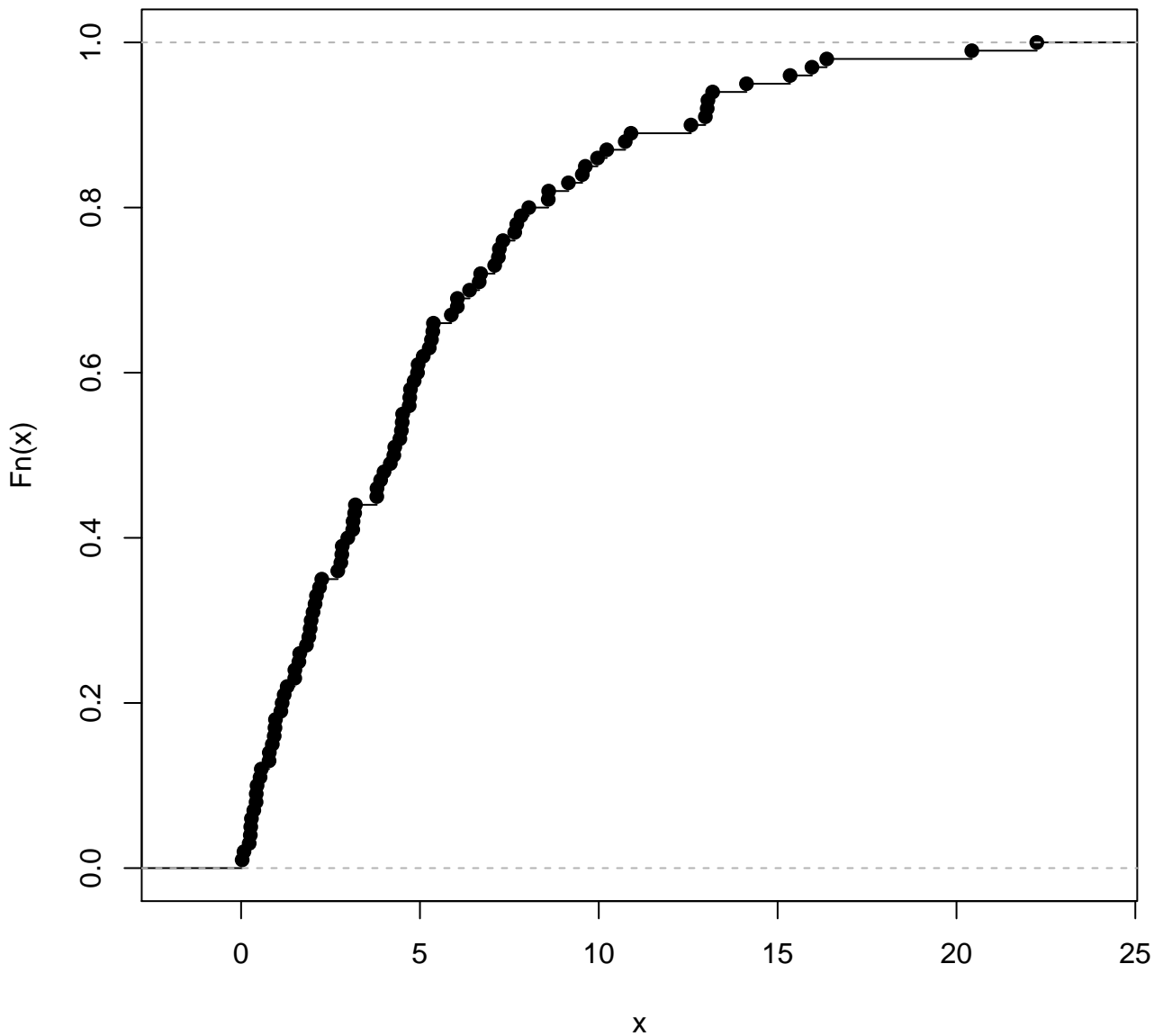


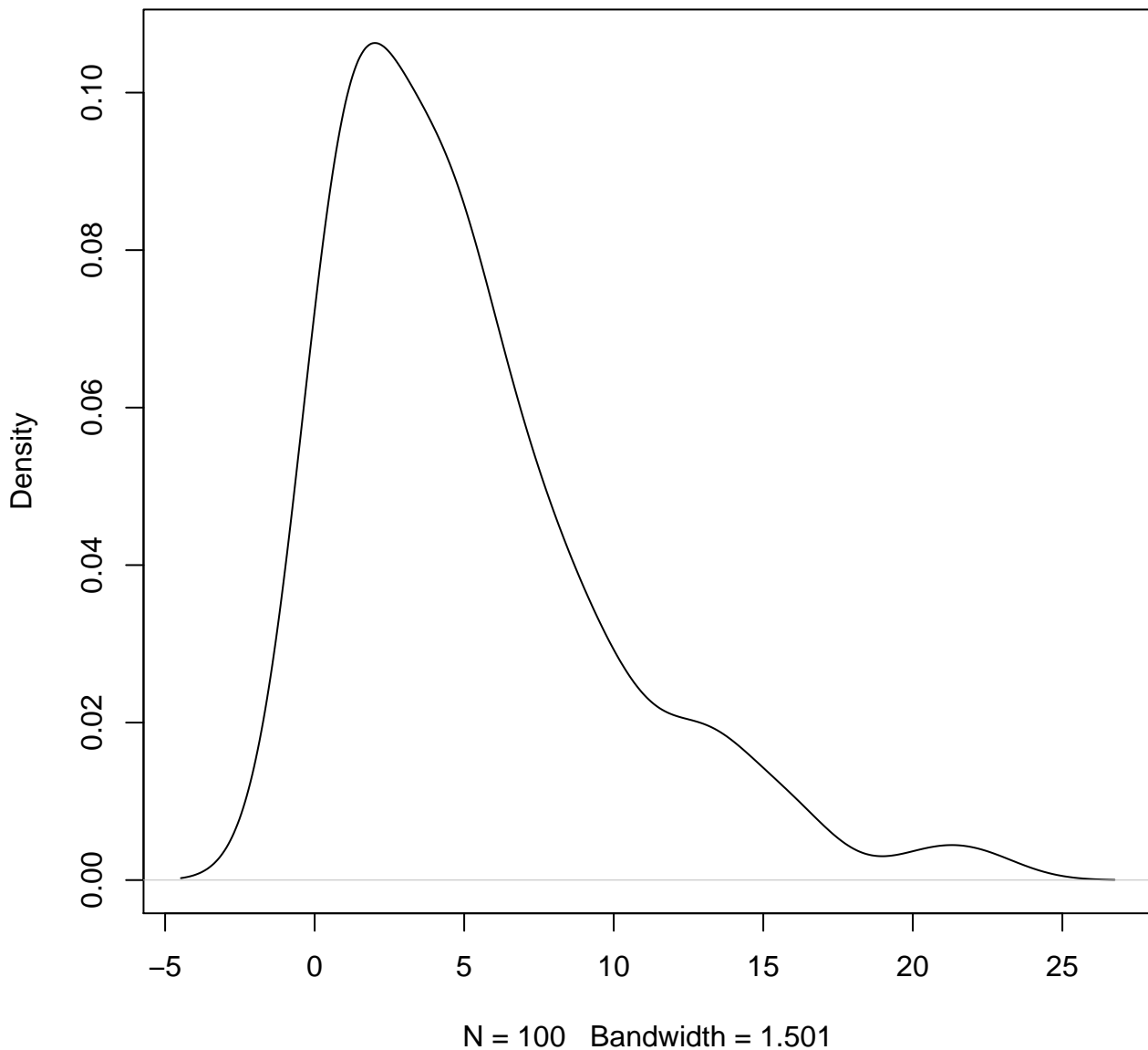
Initial data



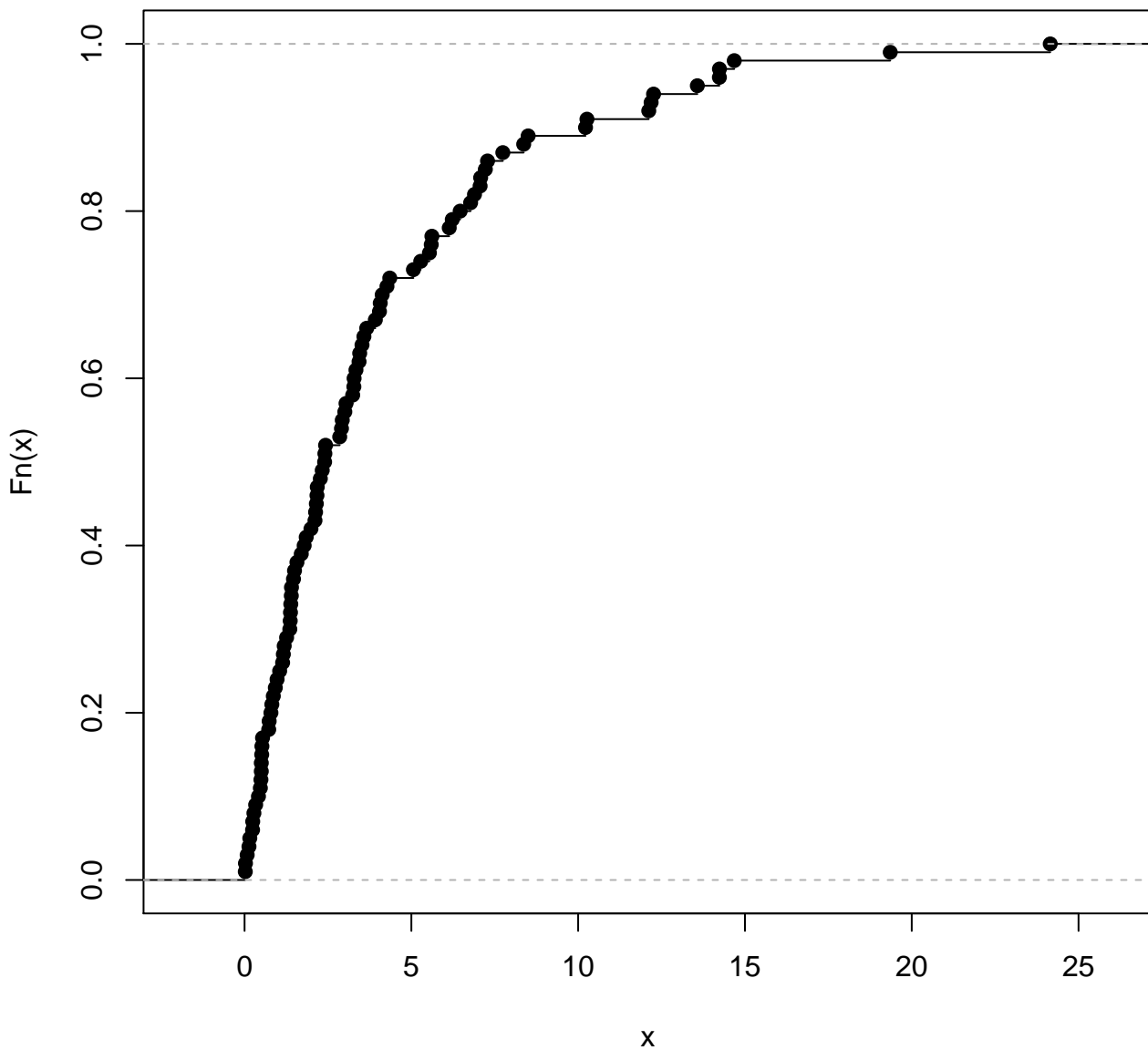
CDF of vector 1
Mean= 5.21012208661101 std= 4.6603668303667



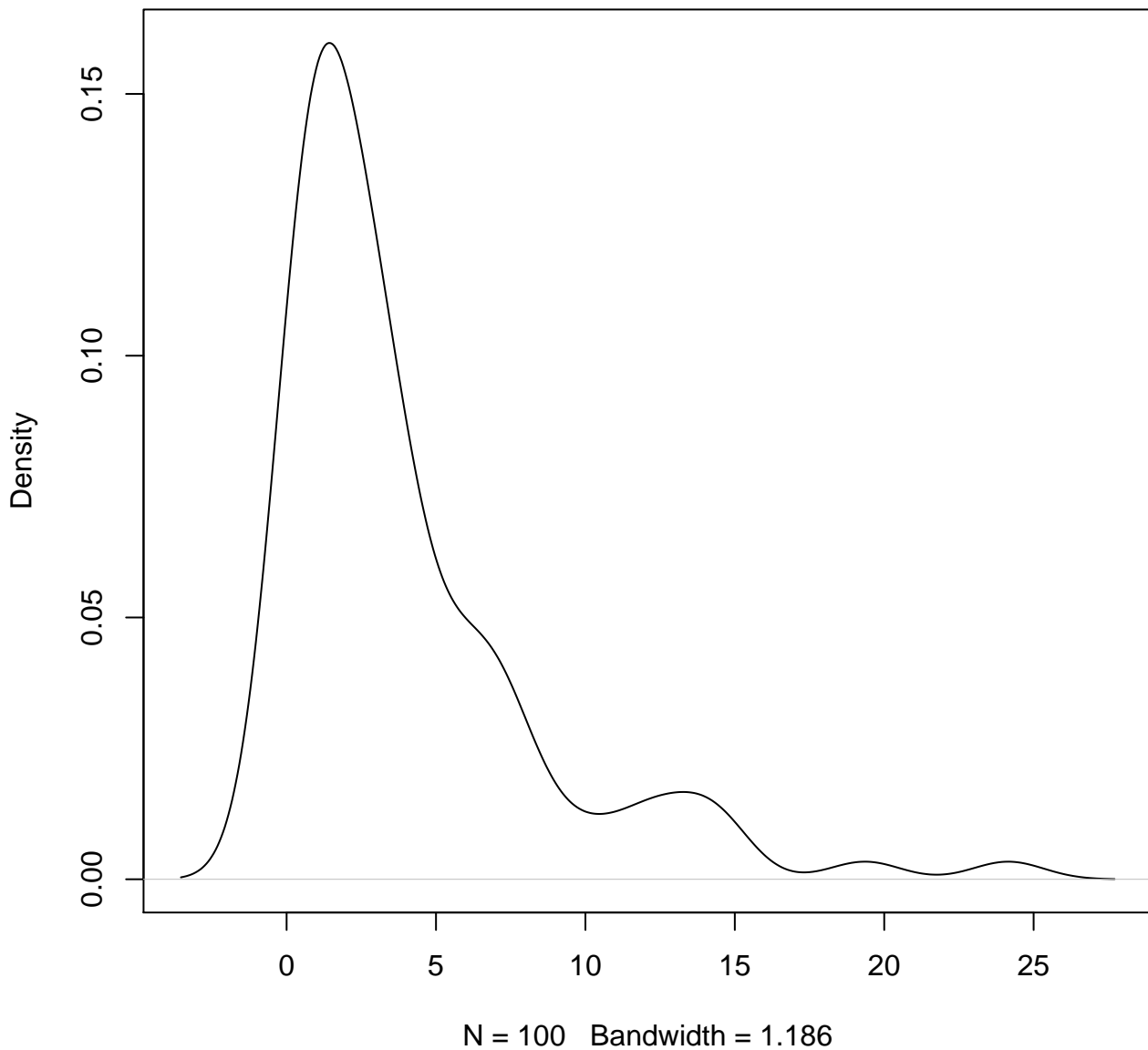
PDF of vector 1
Mean= 5.21012208661101 std= 4.6603668303667



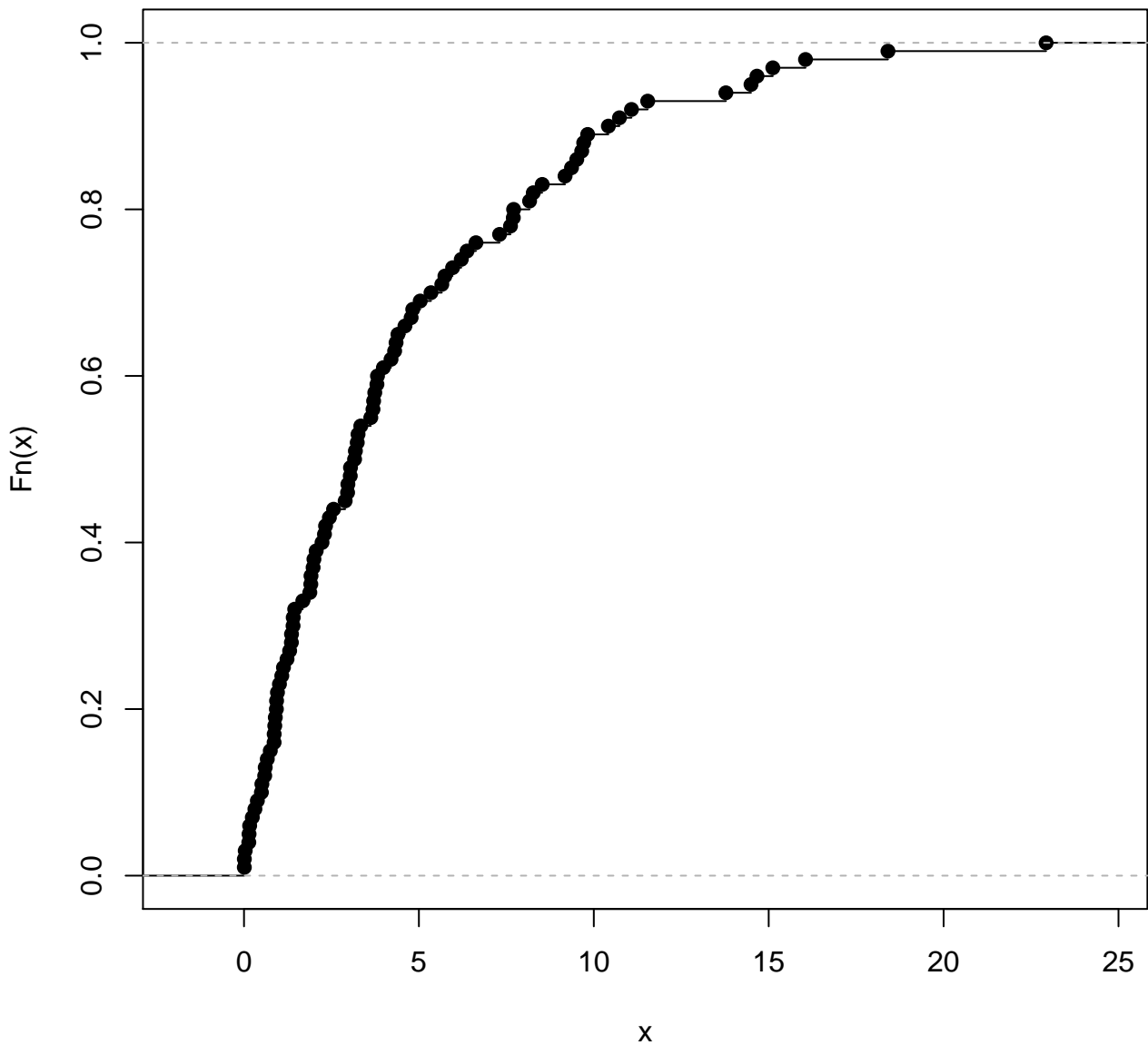
CDF of vector 2
Mean= 4.00230136302179 std= 4.41614205427956



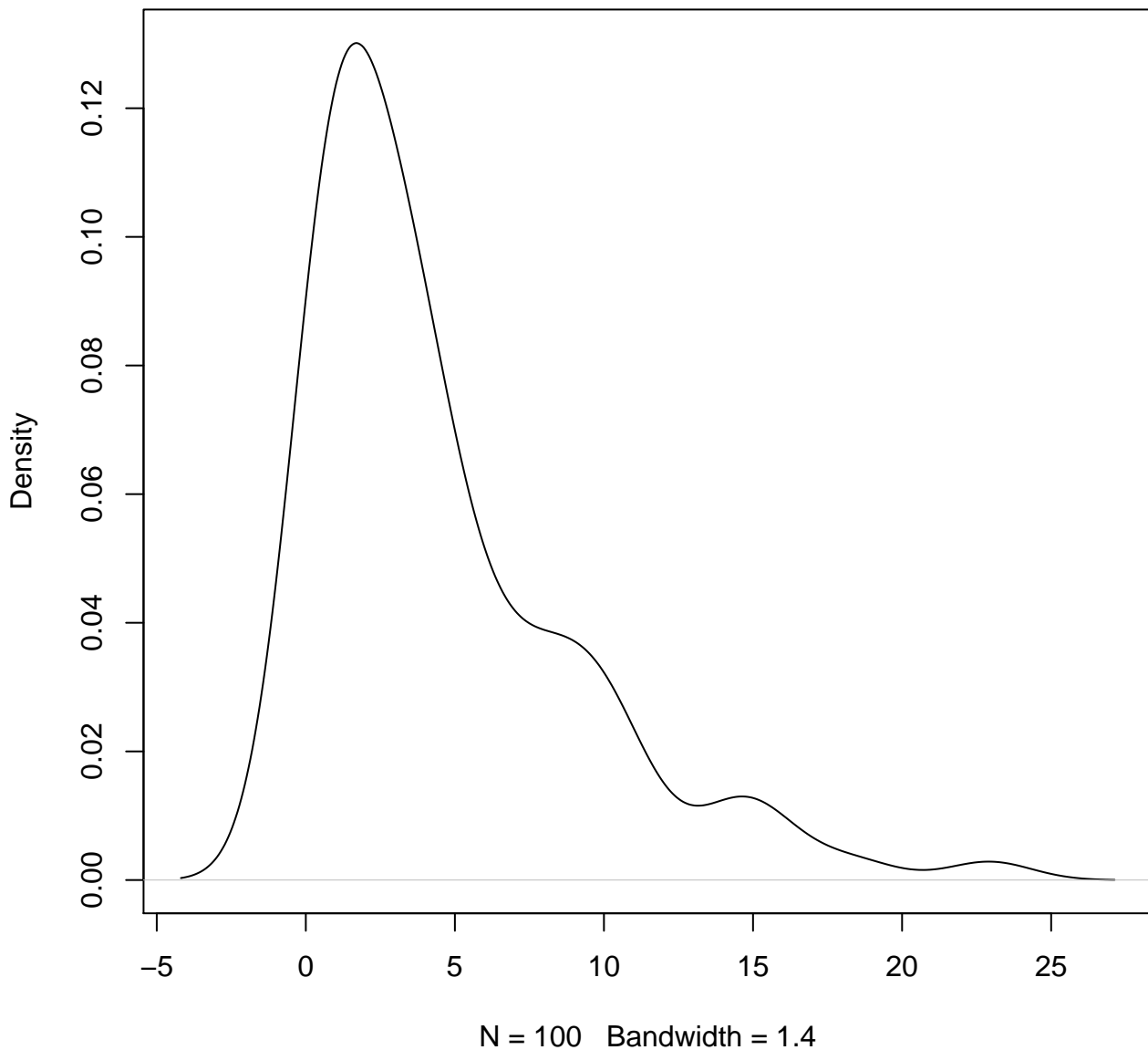
PDF of vector 2
Mean= 4.00230136302179 std= 4.41614205427956



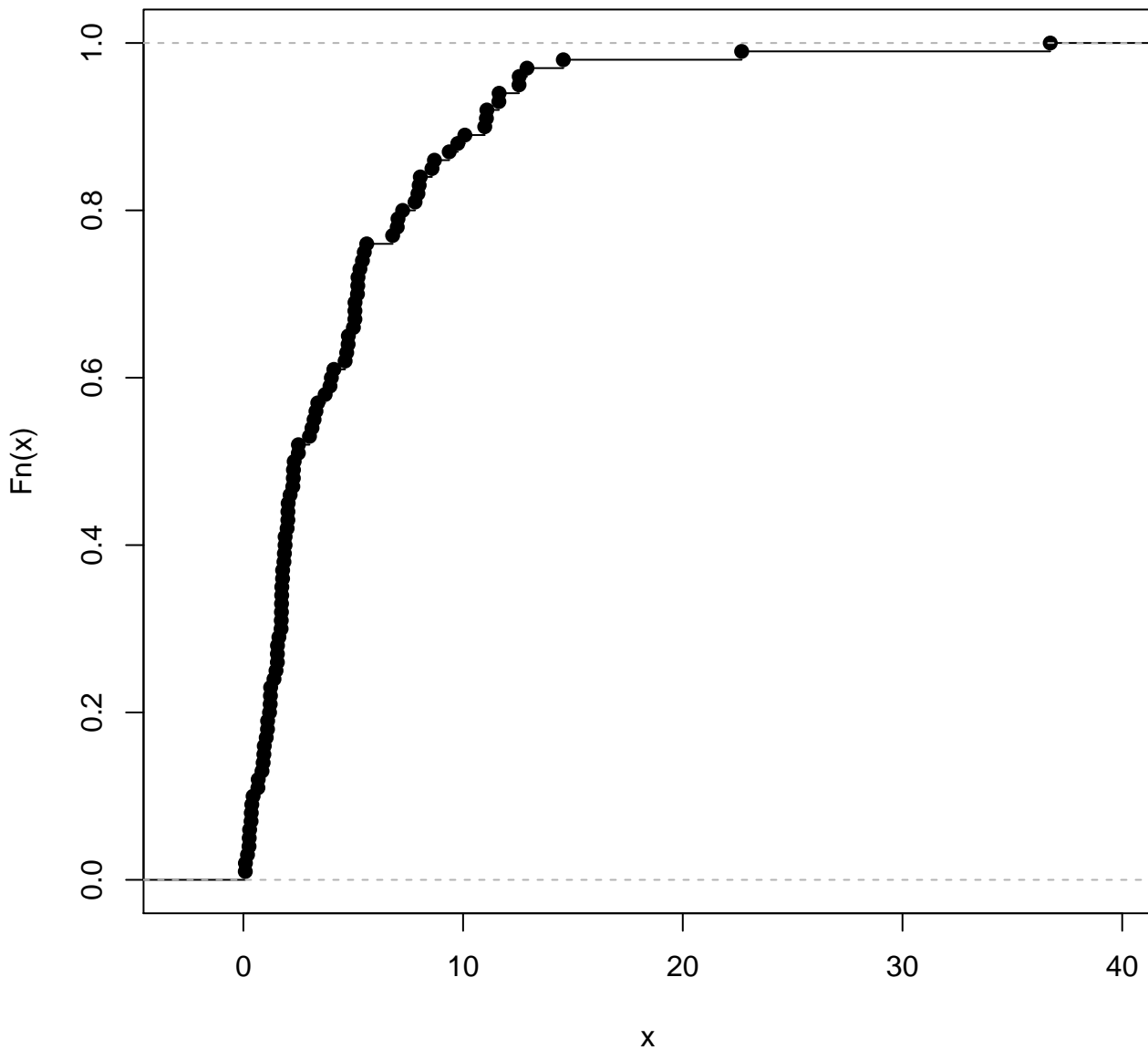
CDF of vector 3
Mean= 4.57007630413905 std= 4.53438808035724



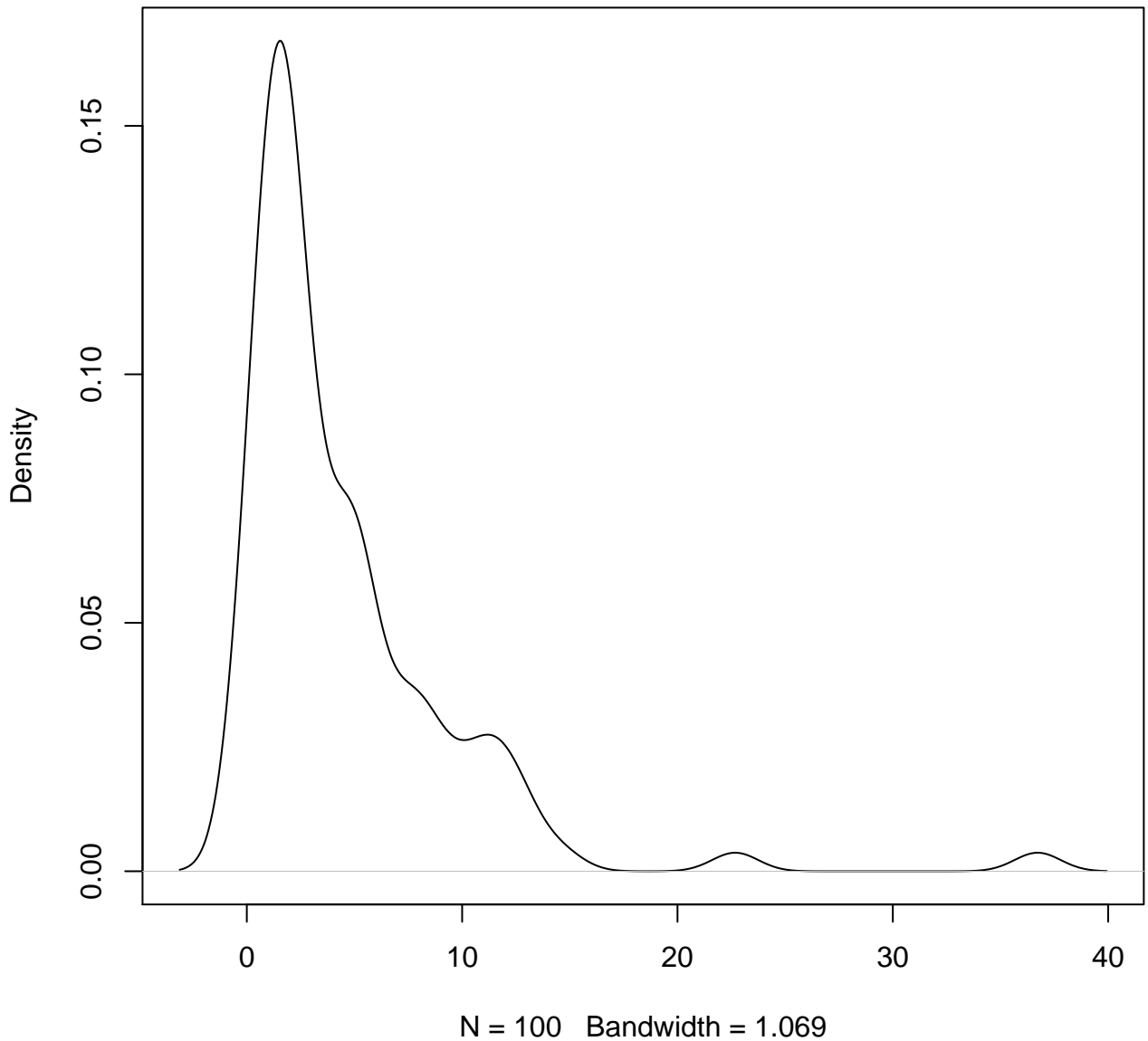
PDF of vector 3
Mean= 4.57007630413905 std= 4.53438808035724



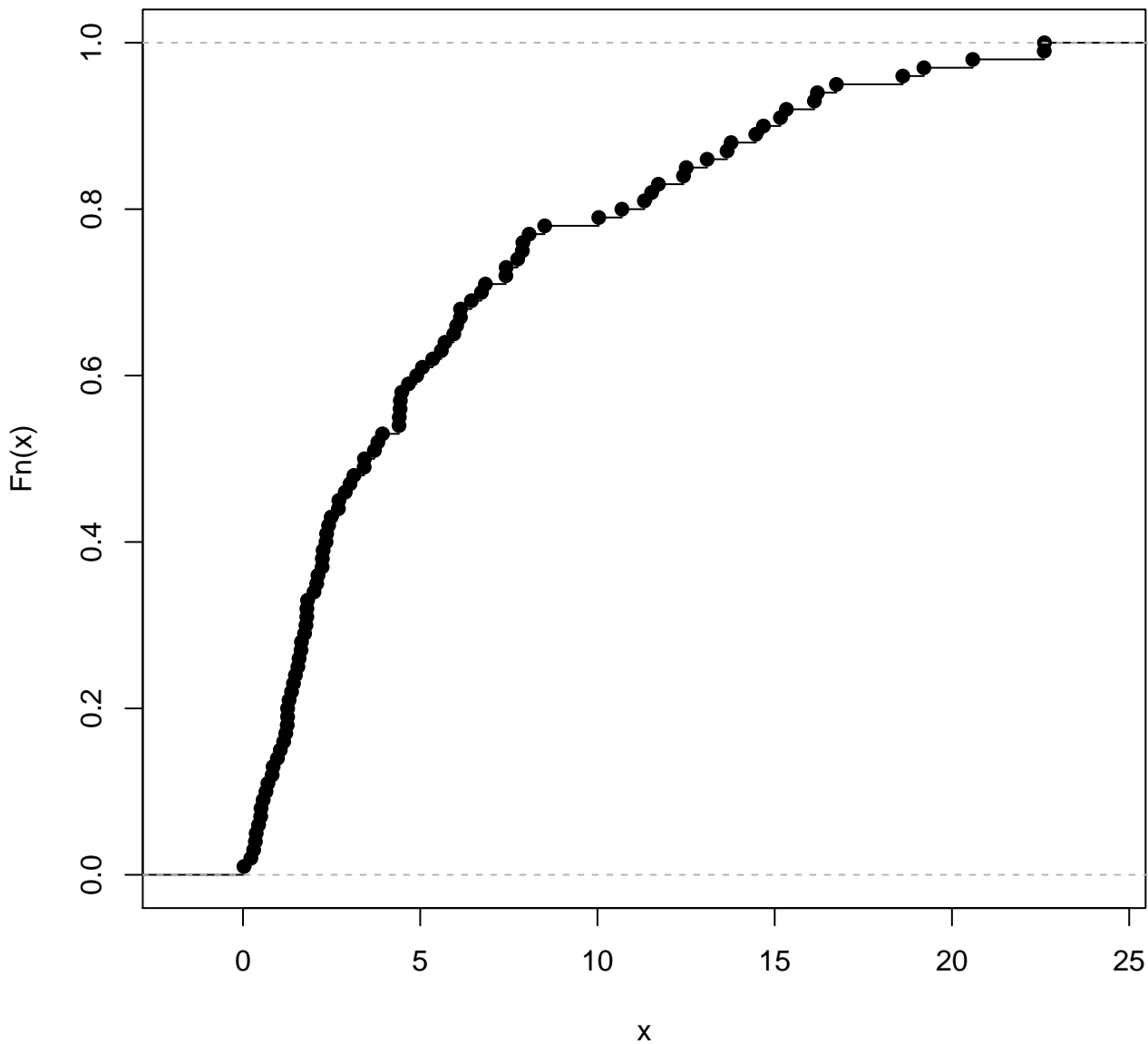
CDF of vector 4
Mean= 4.53933888786663 std= 5.16820790820511



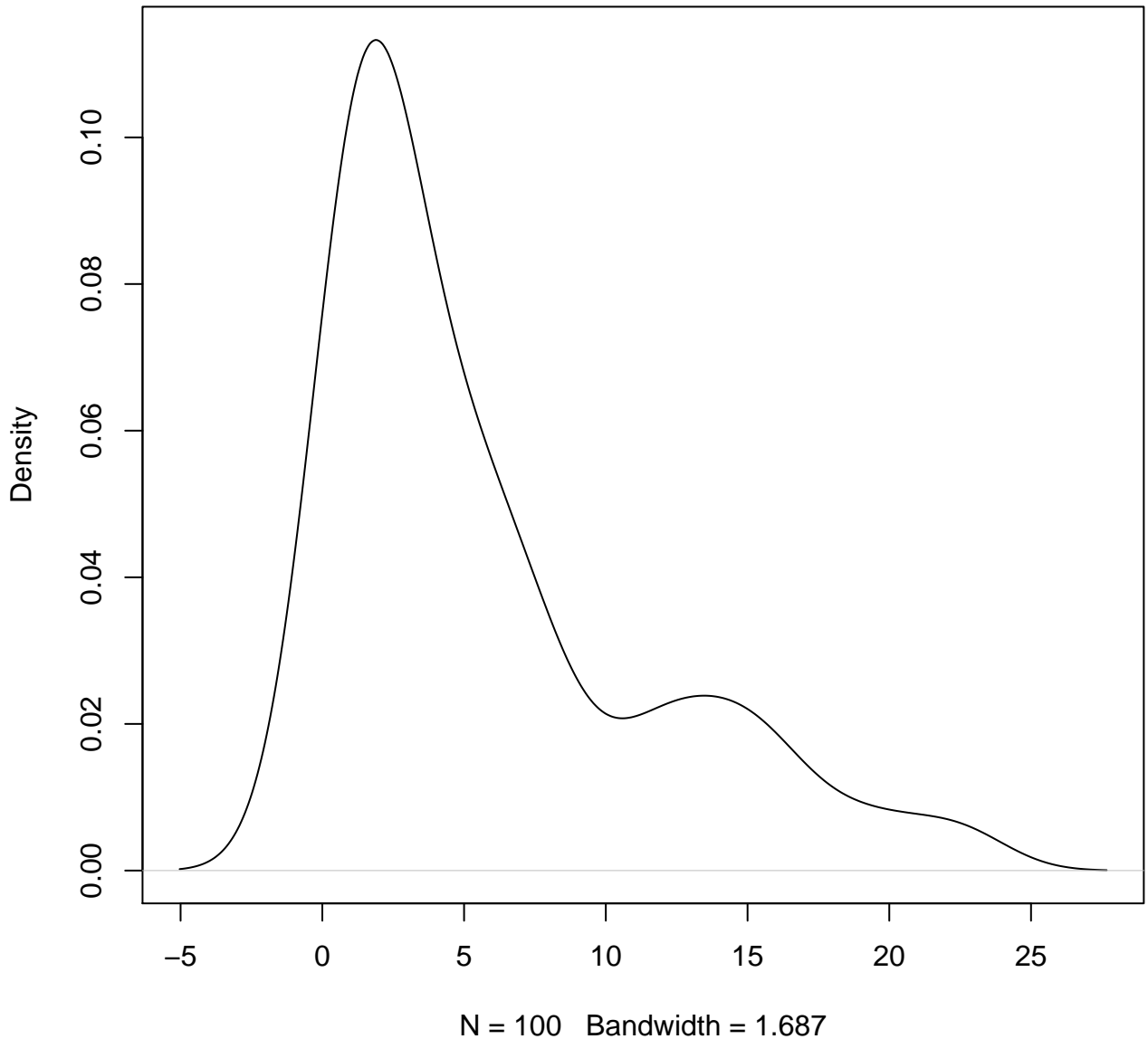
PDF of vector 4
Mean= 4.53933888786663 std= 5.16820790820511

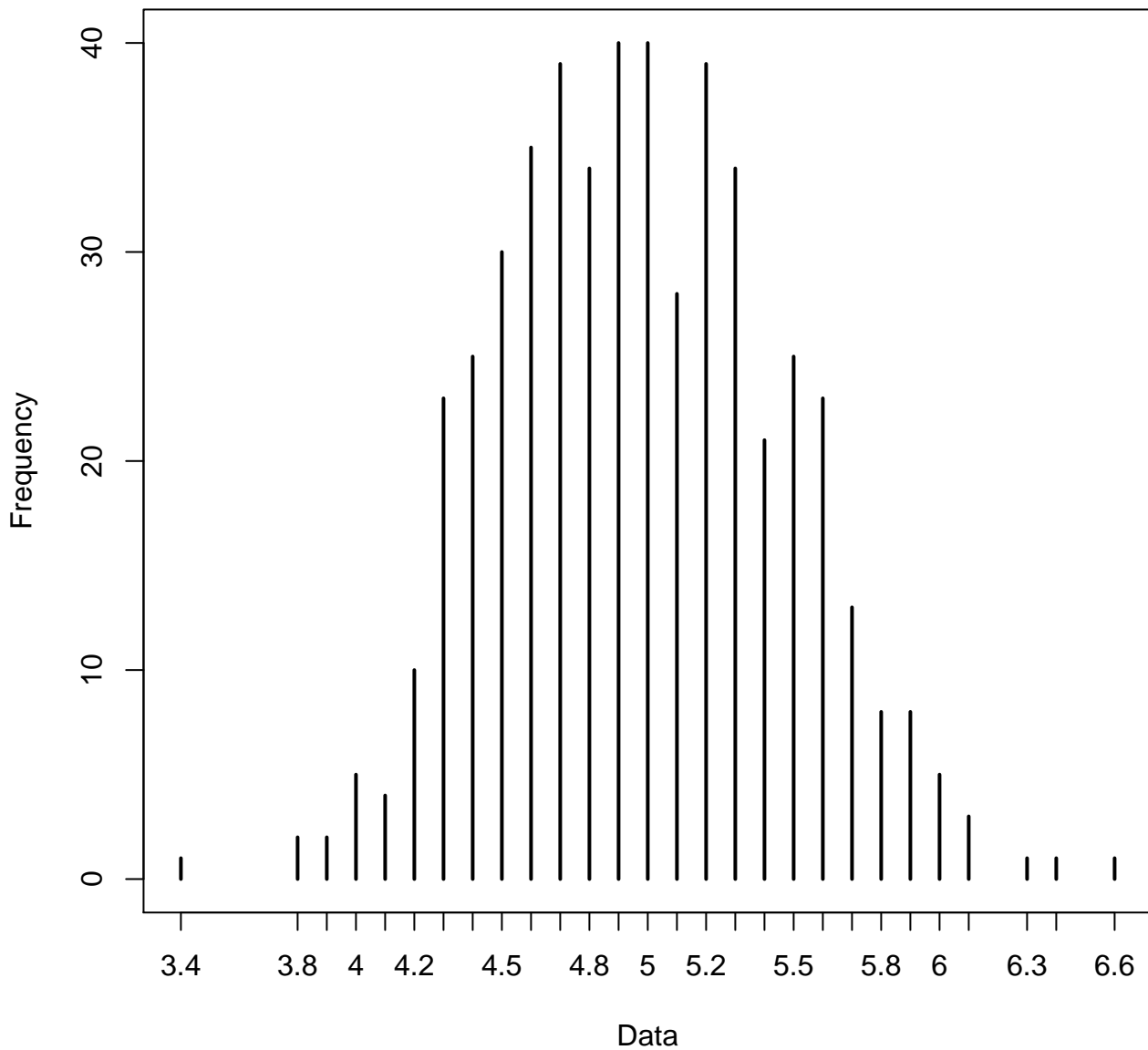


CDF of vector 5
Mean= 5.76398997225792 std= 5.672342977447

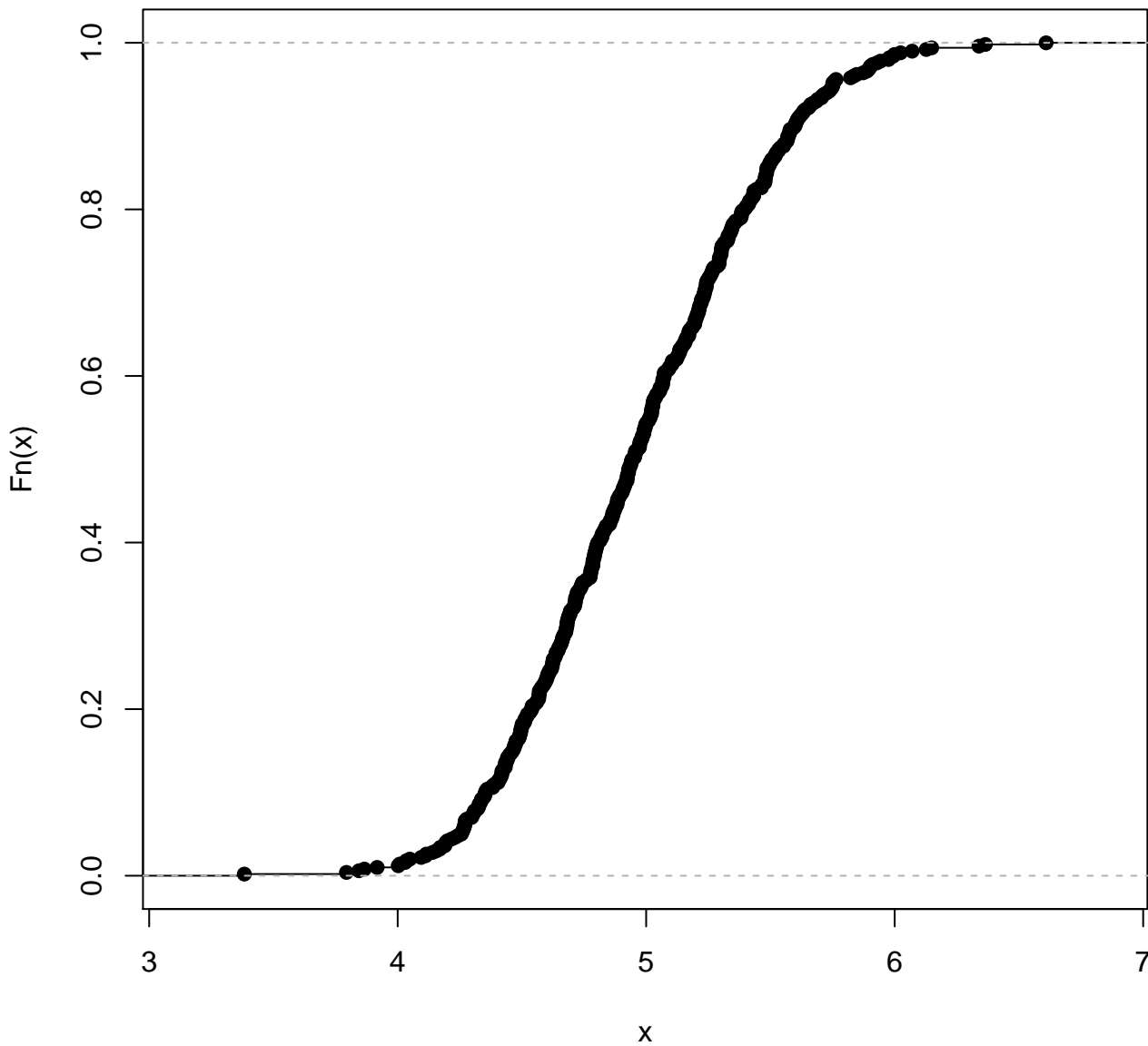


PDF of vector 5
Mean= 5.76398997225792 std= 5.672342977447

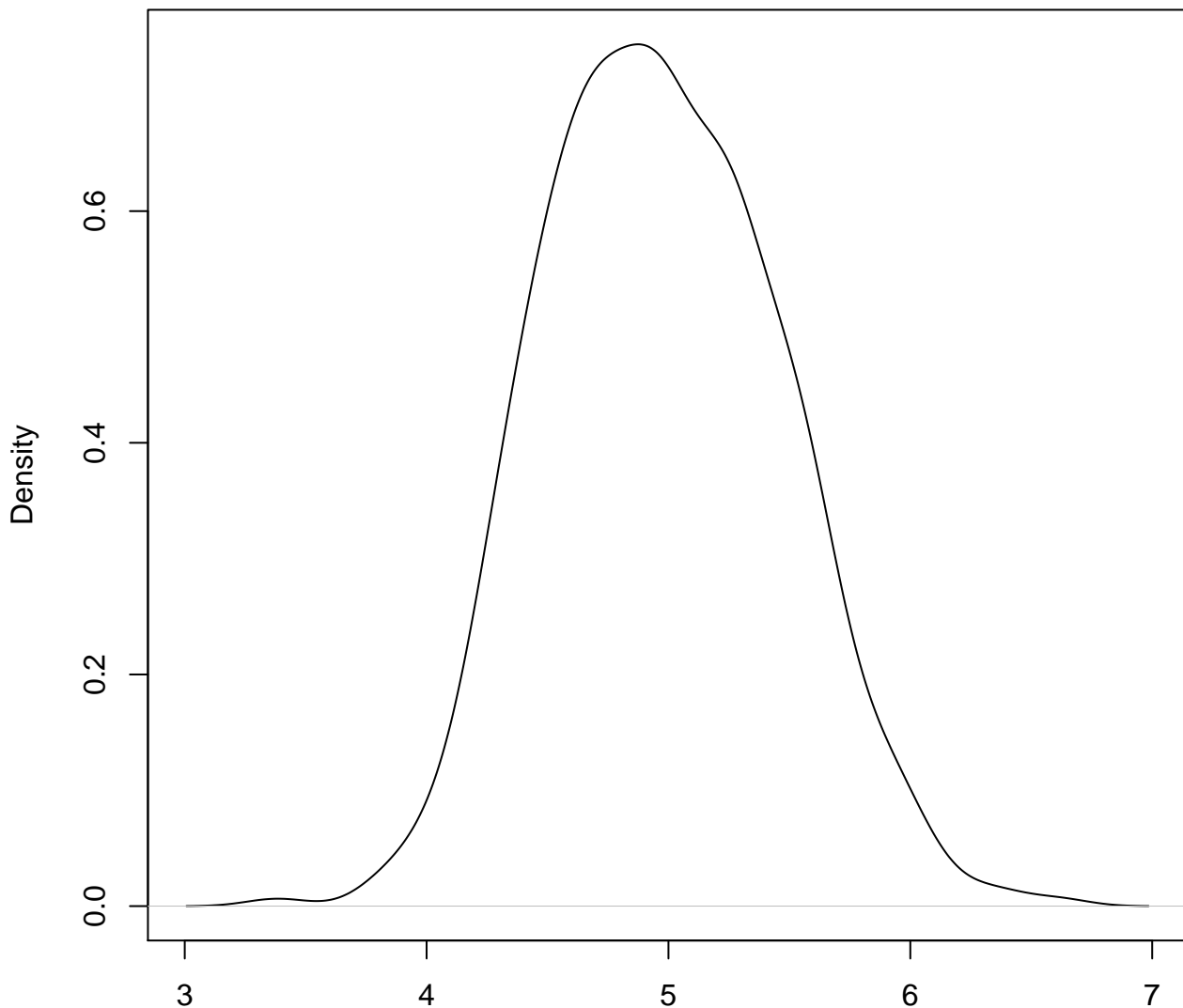




CDF of Z



PDF of Z



N = 500 Bandwidth = 0.1253