for SD= 1 overall fit, standartized back to a SD=1
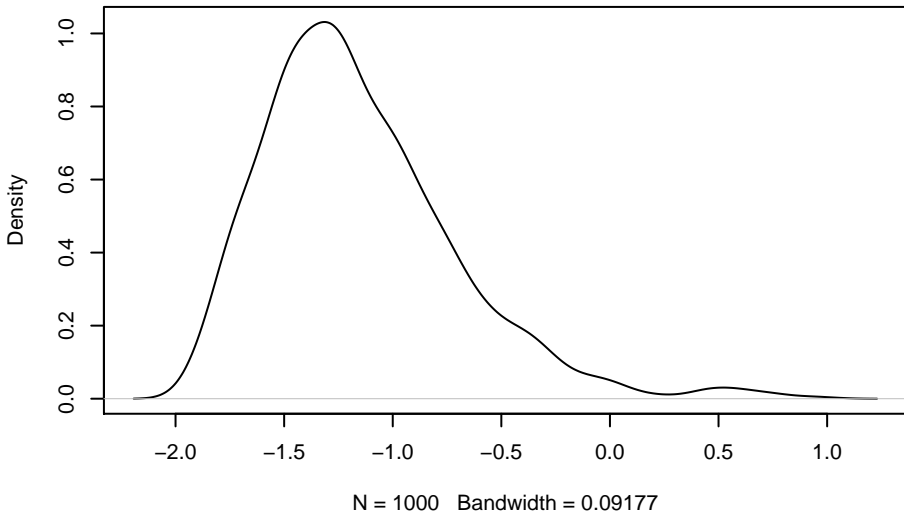
N = 1000   Bandwidth = 0.09177

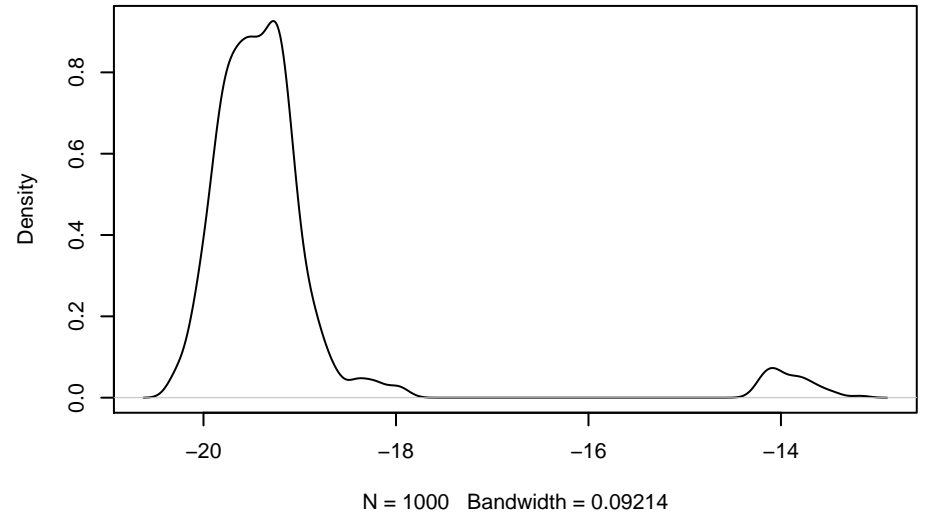**for SD= 0.5 overall fit, standartized back to a SD=1**

N = 1000   Bandwidth = 0.1052

for SD= 0.2 overall fit, standartized back to a SD=1

N = 1000   Bandwidth = 0.06927

for SD= 0.1 overall fit, standartized back to a SD=1

N = 1000   Bandwidth = 0.09214
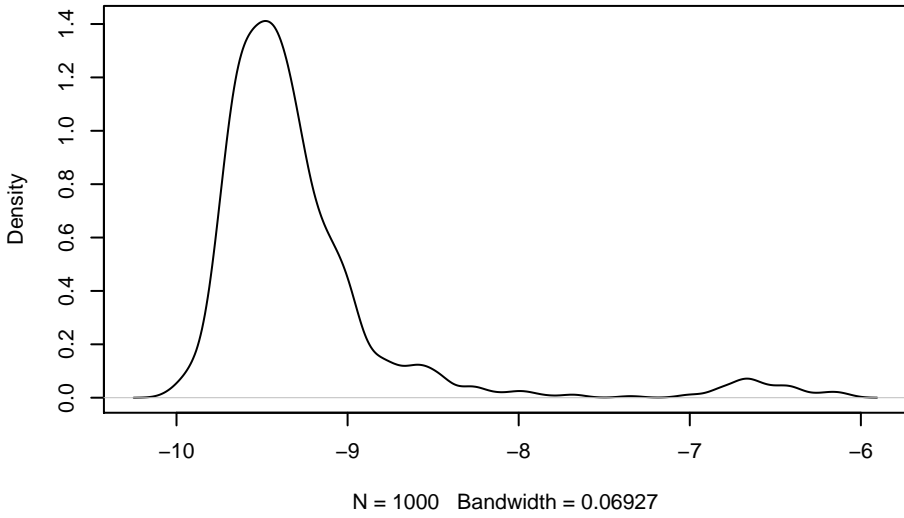
for SD= 0.05 overall fit, standartized back to a SD=1

N = 1000   Bandwidth = 0.07443
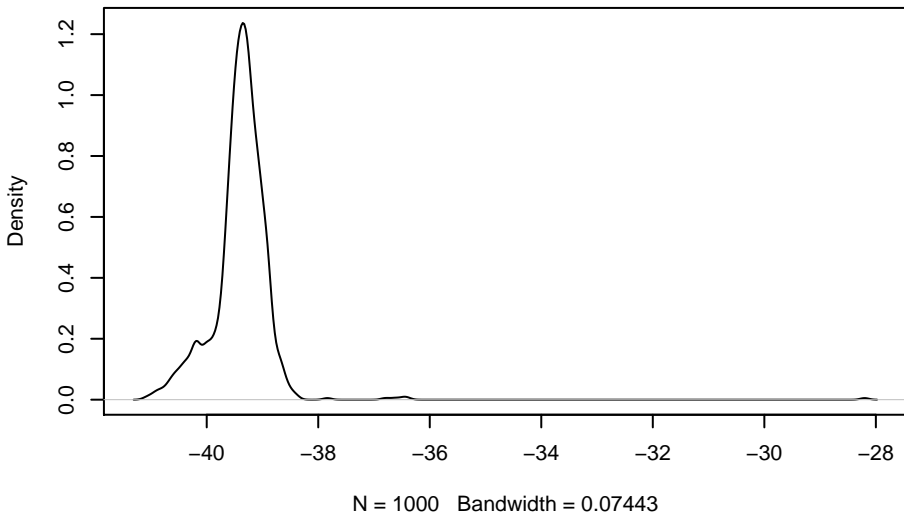
for SD= 0.01 overall fit, standartized back to a SD=1

N = 1000   Bandwidth = 0.5262