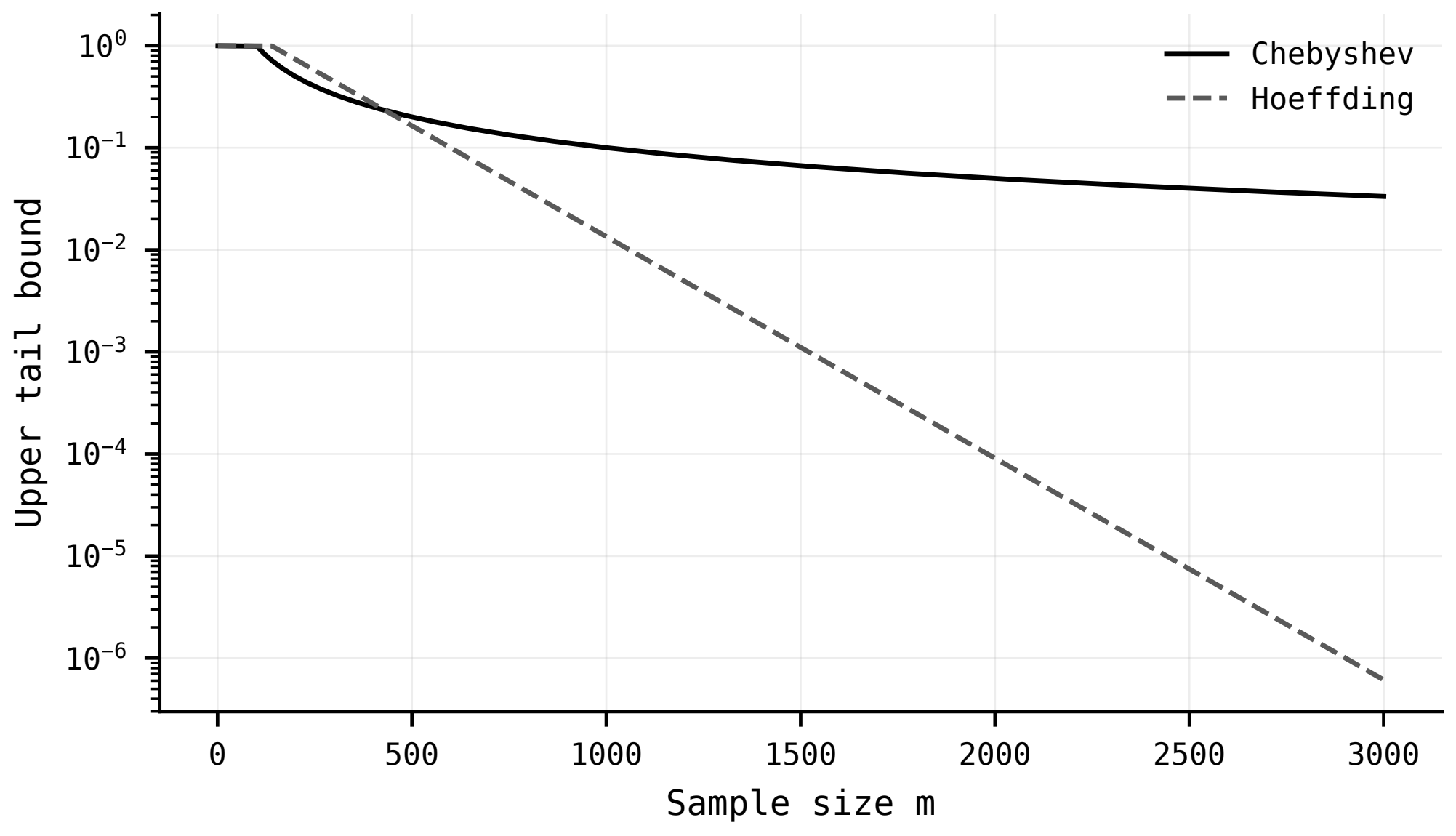

Chebyshev
Hoeffding
Upper tail bound
10^{0}
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
10^{-6}
0
500
1000
1500
2000
2500
3000
Sample size m