Assignment 3

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Q1 (rough ut so raisemag atim w Marz: Posterior & Likelihood x Porior o thurise. (og (Postorior) = - 2 Zuni + Eni2 + mu2+ K.) (- doz (800 tris) ___ for negative log posterior to be minm.
(ndp)

(b)

As can be seen from the graph, as N increases, the error for all three estimates decreases, along with their spread around the error value.

However, for smaller values of N, the maximum a posteriori estimator with Gaussian is a better estimator as it has the least error. Hence it is preferred

Both the graphs have been plotted seperately, since plotting them on the same graph decreased visibility.

