

Problem 1

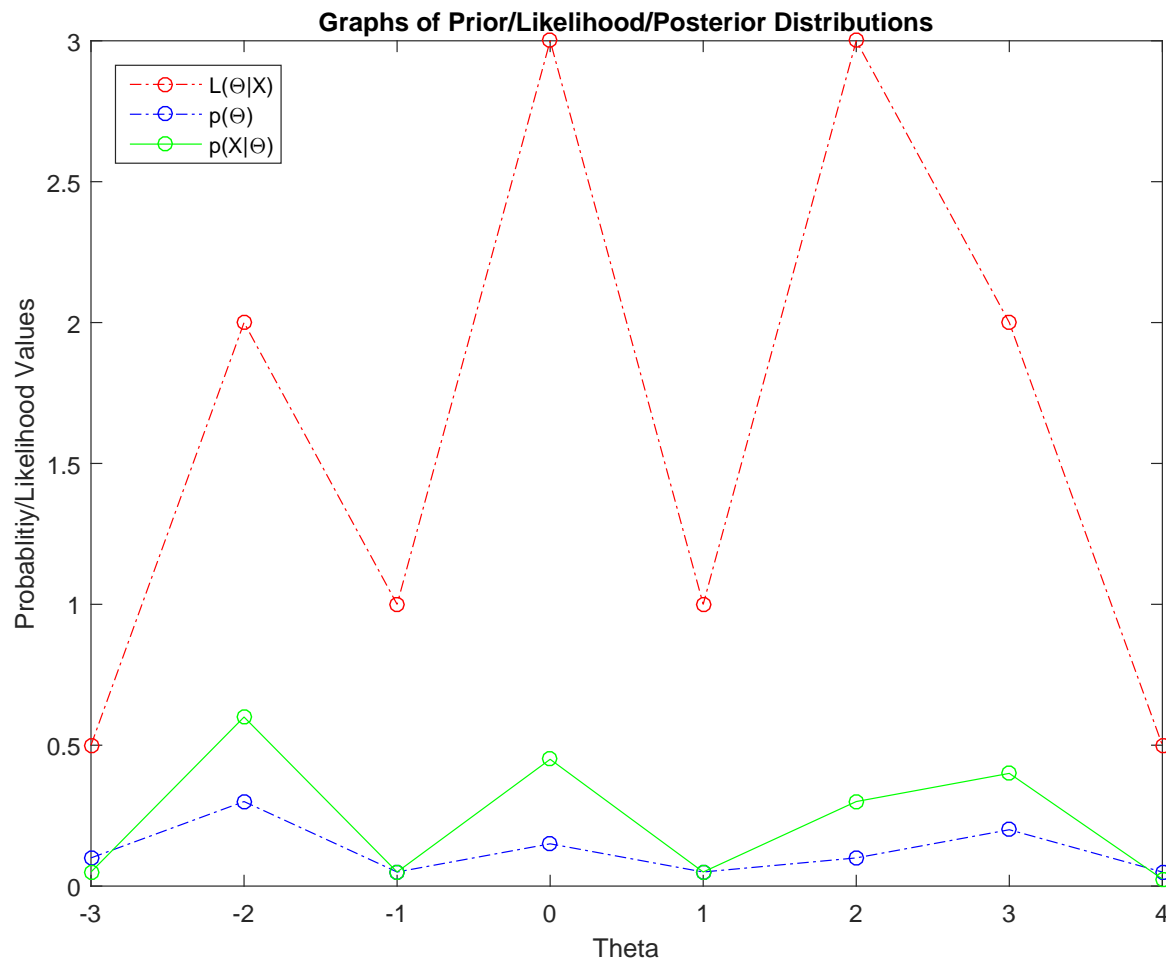
Part A

Fisher had originally coined the term Bayesian. The term was used in his papers describing fiducial probability. It was printed by Fisher in a 1921 on 'probable error' and also introduced in his 'Inverse Probability' paper. At the time Fisher and others used the term in more restricted ways. Although he may have coined the term, Fisher did not bring about Bayesian Inference.

Part B

I believe Wald did the initial work in Bayes inferencing; however, Raiffa and Schlaifer paved the way because they brought together many of the different Bayesian ideas. They took the work of Fisher, and Jeffery and produced the likelihood kernel. The rise of this principle in my opinion is the most important aspect of Bayesian Statistics.

Problem 2



$$E[\theta|X] = \sum_{\theta=-3}^{\theta=4} \theta * p(\theta|X) = 0.55$$