Theory of Inference: Level M assignment

This assignment accounts for 20% of your final mark in Theory of Inference.

Write an essay on *The Exponential family of distributions.* Your essay should be not more than four sides long; if typed (recommended) it should be in a 12pt font with at least one-inch margins. The guideline marking scheme is: definition (3 marks), some examples of members of the Exponential family (7 marks), basic properties of members of the Exponential family (10 marks); plus up to 3 bonus marks for clarity, appropriate use of tables and figures, and compellingness (up to a total of 20).

The deadline is **5pm on Fri 13 May**: post your assignment in the Theory Of Inference letter-box in the Maths Department Foyer, identifying it with your Student ID. You should be aware of the University regulations on assessed work:

`http://www.bristol.ac.uk/secretary/studentrulesregs/examregs.html`

and the Faculty regulations on late submissions:

`https://www.bris.ac.uk/science/undergraduates/penalties.html`

Jonathan Rougier
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