

Statistical inference

Assignment 1 reflections

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- a) For the most part, but it was quite heavy on solving programming. That was the largest time sink and I feel that it detracted somewhat from being able to focus/spend time on thinking through the application (I have other courses etc. that also require time).
 - b) Area under curve = 1, not height of curve.
 - c) Randomly (with probability) pick one of the PDFs, then pick a random observation from that distribution. Repeat. Use the urn method.
- (Difference between urn and inverse transform sampling?)
- d) Vector in \Rightarrow vector out (quite reasonable), and the covariance matrix provides both within variance and between covariance $\Rightarrow 2 \times 2$ matrix.
 - e) I think it was a good assignment, but I'm too stressed to enjoy it/learn properly.
 - f) At least with AI I don't have to spend an extra 10-20 hours reading documentation and troubleshooting to make the code work.
 - g) Not really.
 - h) Less than 20 hours but I wish I could have spent more time figuring things out myself.