Peer review for Zicheng Cai (Section 1)

Overall, it looks great. The following is just some typos that I found and some suggestions that I could offer.

EX1: when you use new notations (in this case, R, B), it would be better if you define it first. And I think either the dominator is not correct or the numerator is not.

EX2: I guess you need some assumptions for the first equal sign.

EX3: what about $x\_1, …, x\_n$, you can use $\exp, \log$ instead of $exp, ln$.

EX7: can you express the results in terms of the parameter $\lambda$ of the poisson distribution?

EX10: in the dominator, there is a power of $\alpha+1/2$ that you missed.

EX12: the mean is $m$, and variance is $v^2$.

EX13: For if and only if statement, we normally prove for two directions.

Ex14: Moment generating function in terms of D? How to do sample?

EX15:Typo: $D = \Sigma^{1/2}$, $z = D^{-1}(x-\mu)$。

EX16： where does the last sentence come from?

EX23: missed the inverse sign.

EX24: normally use capital letter to denote matrix.