

STATS531 Participation06

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
I've three participation records at Piazza in his period

1. [Question regards to the logmeanexp](#)

Resolved


Unresolved

@13 / 14

 **Yuxiao Liu** 1 day ago

I did it quite like when we are finding the log likelihood from SIR and SEIR models in homework. I think using `logLik` and `pfilter` function to the `dacca` model, and then take the mean using `logmeanexp` will get the desired result.

helpful | 0

 **Chongdan Pan** Just now

I'm wondering what's the difference between mean and logmeanexp, why they give me different results?
Is logmean actually turn the loglikelihood back into original likelihood then calculate the mean?


helpful | 0

Reply to this followup discussion

2. [Run time on global search](#)

Resolved

Unresolved

 **Chongdan Pan** 12 minutes ago

Maybe we can also decrease the number of particles and iterations. It turns out the result is still acceptable in my case.

helpful | 0


Reply to this followup discussion

3. [Why the parameters are regularly saved into the file \(Ch14 example\)?](#)

followup discussions for lingering questions and comments

Resolved

Unresolved

 **Chongdan Pan** Just now

The file also help record the combination of parameters with likelihood that we've searched. In this way, we can save more likelihood result during our search phase, and it'll provide us with more data for plotting and analysis.

helpful | 0

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