

**Tore Erdmann** to me

9:31 AM

Dear Prof. Dahl,

I am a Masters student of Statistics at the LMU Munich, Germany, working on clustering for my thesis.  
I recently discovered your paper and enjoyed reading it. However, when trying to implement the algorithm, I ran into problems.

I have a Gibbs sampler in place but struggle implementing the pmf. Therefore, I would be very grateful if you could send me a (R-) code snippet for evaluating a given partition with given parameters (as needed in the full conditional).

Further, I did not fully understand the part about updating the permutation  $\sigma$ .  
Is this done every iteration, after updating the partition? Should the simulated trace of draws be saved? I do not understand why the permutation seems to be a target of inference.

Thank you very much for your help.

Sincerely,  
Tore Erdmann