

Reliable and fast estimation of recombination rates by convergence diagnosis and parallel Markov Chain Monte Carlo

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2013

Guo, J., Jain, R., Yang, P., Fan, R., Kwoh, C. K., & Zheng, J. (2013). Reliable and Fast Estimation of Recombination Rates by Convergence Diagnosis and Parallel Markov Chain Monte Carlo. *IEEE/ACM Transactions on Computational Biology and Bioinformatics*, 99, 1.

<https://hdl.handle.net/10356/80080>

<https://doi.org/10.1109/TCBB.2013.133>

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CPLDhat

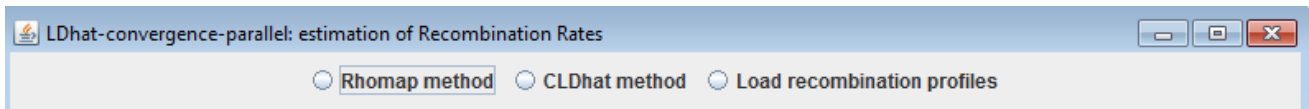
Two methods are provided : CLDhat method and PLDhat method.

CLDhat method controls the process of rjMCMC iteration to supervise the Markov chain convergent status in order to accelerate mixing process and ensure the accuracy. PLDhat method allocates separate task to individual processor running single chain in parallel.

Note: PLDhat method is not integrated into the GUI program. A separate shell script is provided to run PLDhat in a batch cluster environment.

Instruction

- **Step 1 Select one method.**

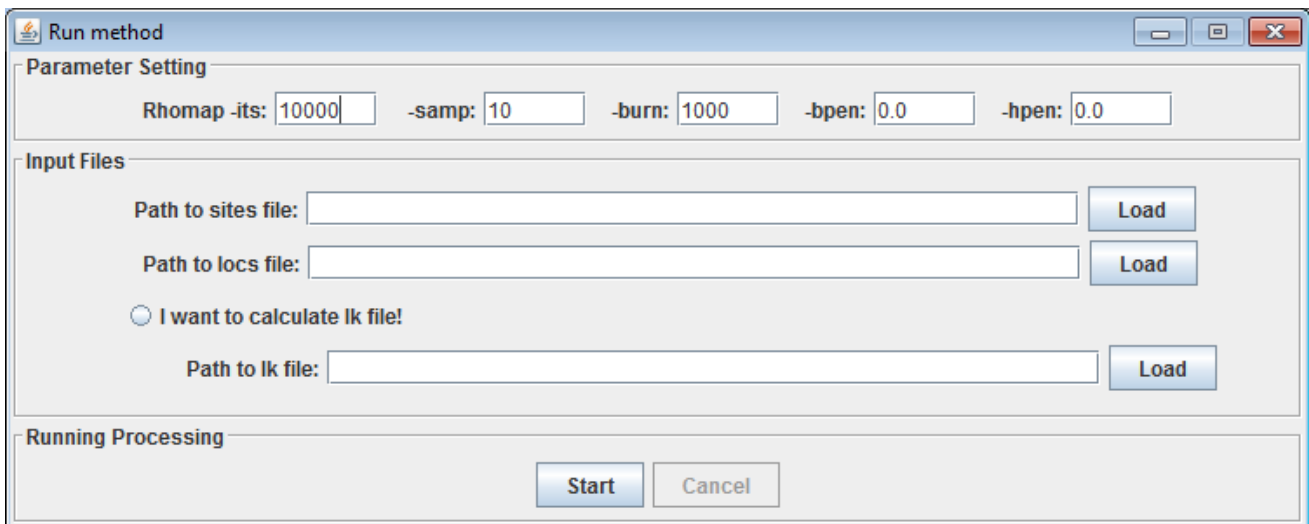


Three selections:

- Rhomap method -- original LDhat program.
- CLDhat method -- improved convergence method.
- Load recombination profile -- display existing results.

- **Step 2 Input parameters.**

Rhomap method:



Input parameters and files. When the radio is selected, lkgen will be invoked to generate lk file. Otherwise you have to input lk file.

CLDhat method:

Run method

Parameter Setting

CLDhat -convergence -bpen: 0.0 -hpen: 0.0

Input Files

Path to sites file: Load

Path to locs file: Load

I want to calculate lk file! Path to lk file: Load

Running Processing

Start Cancel

Input files. When the radio is selected, lkgen will be invoked to generate lk file. Otherwise you have to input lk file.

Load recombination profile:

