

# Effective population size in insects

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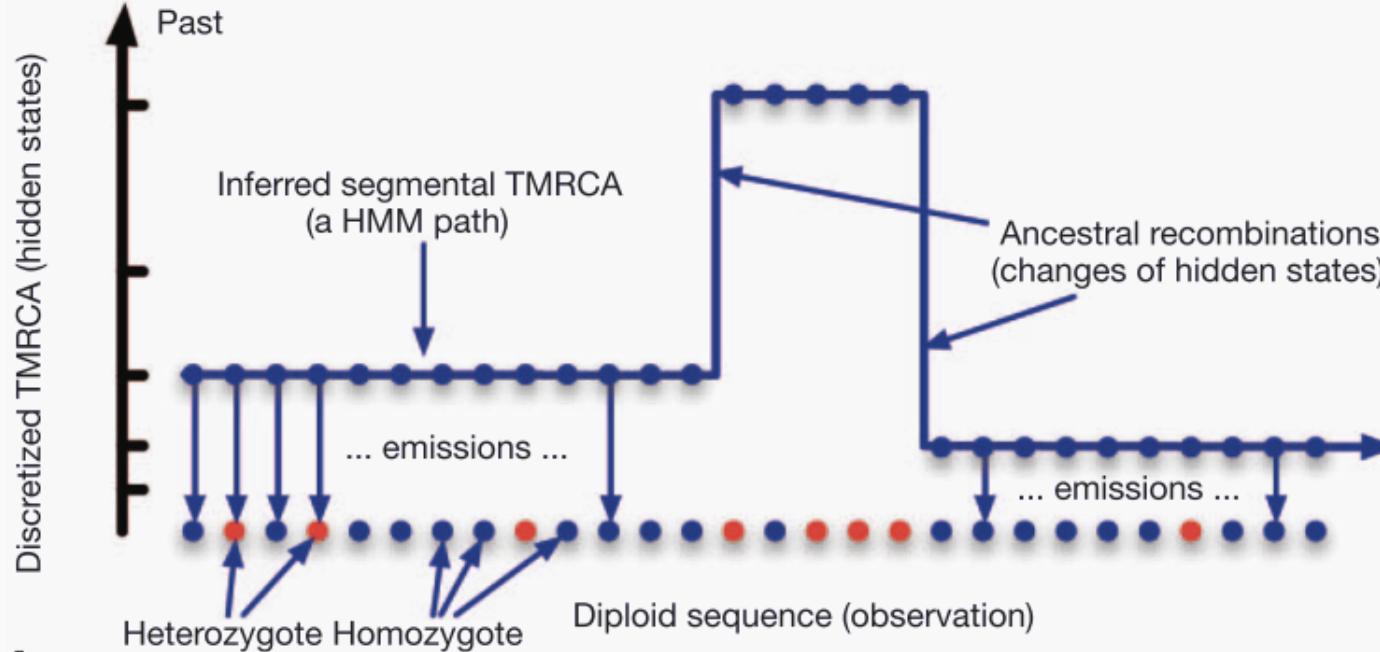
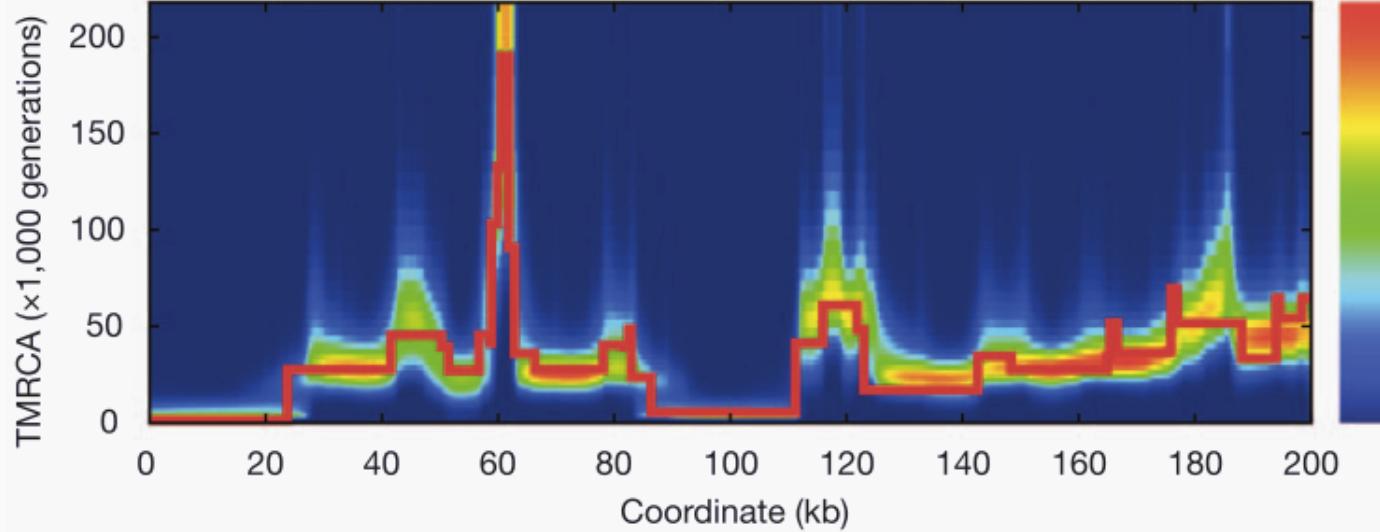
Bioinformatics and  
Population Genomics

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# Number of Individuals vs Effective Pop. Size



**a****b**

Li 2011

# Dictyoptera

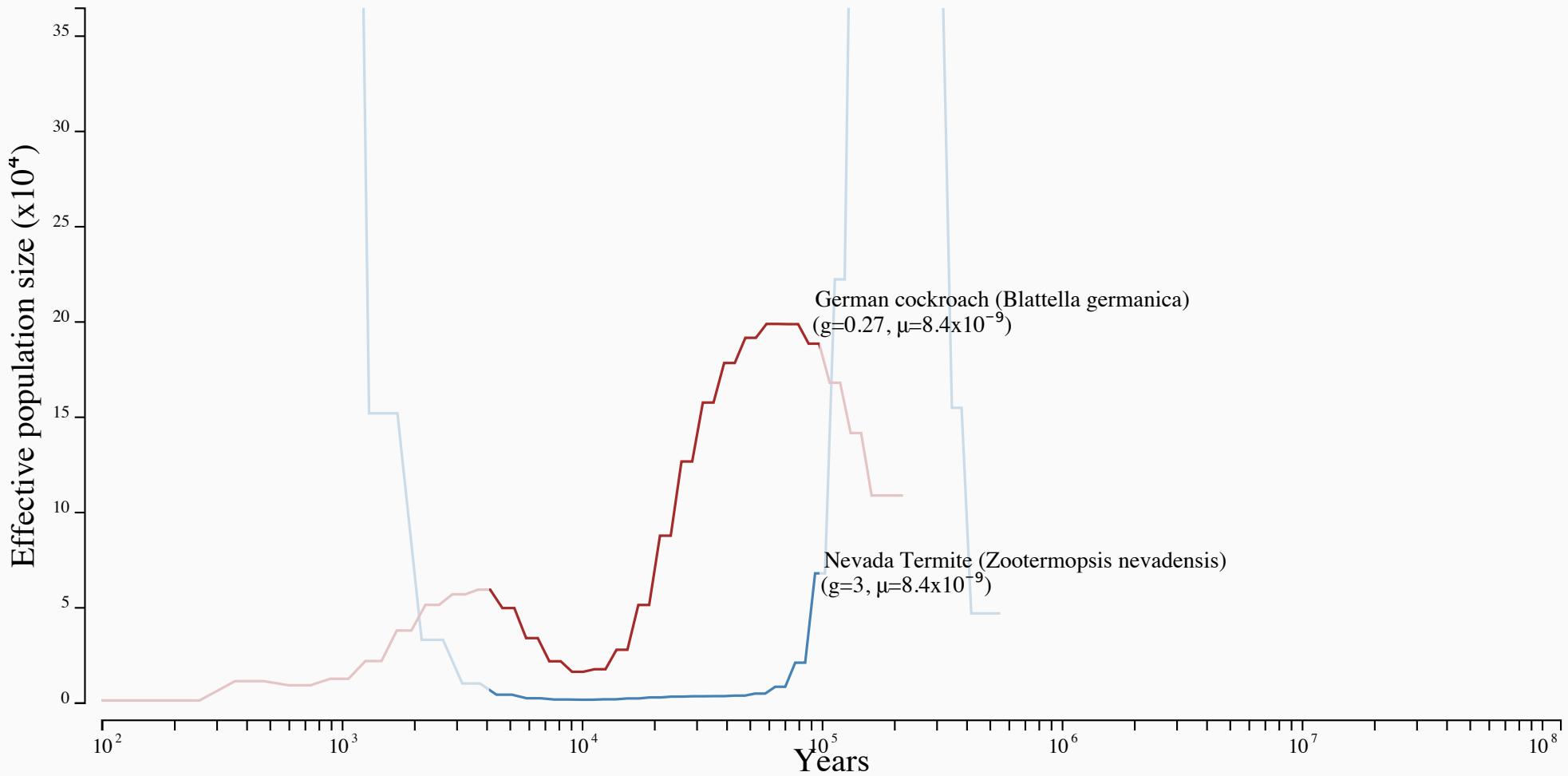
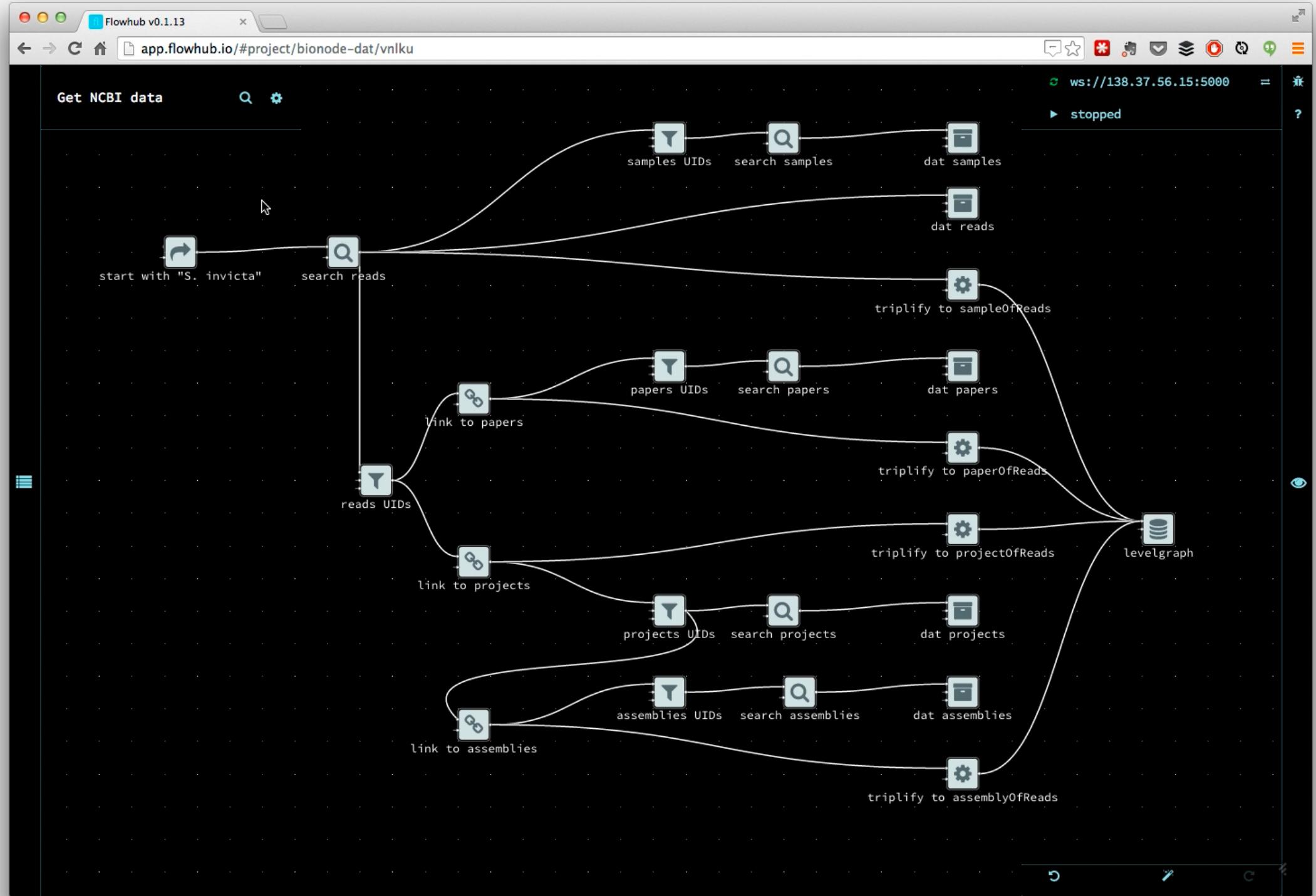


Figure 2: PSMC comparisons for two Dictyoptera species, cockroach (red) and termite (blue).

# Goal

Run PSMC across a wide range of social insects and their solitary relatives





# Bionode.io - Modular and universal bioinformatics

Pipeable UNIX command line tools and  
JavaScript / Node.js APIs for bioinformatic  
analysis workflows on the server and browser.

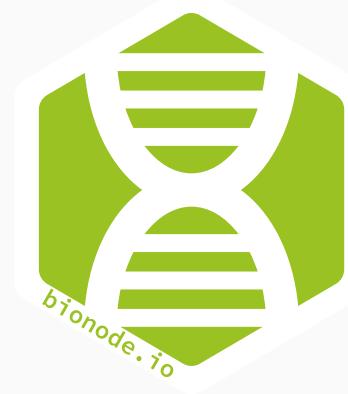


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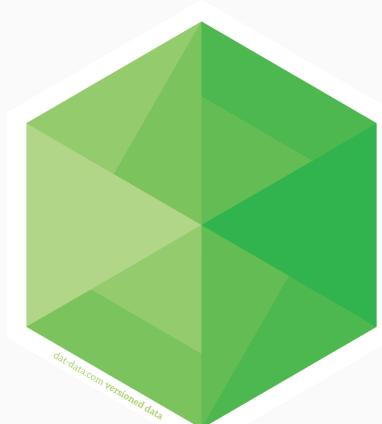
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# Dat-data.com - Build data pipelines

Provides a streaming interface between every file  
format and data storage backend. "*git for data*"

#dat

[gitter.im/datproject/discussions](https://gitter.im/datproject/discussions)

# Thanks!

## Acknowledgements:



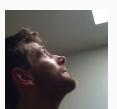
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Bionode contributors