

# AncesTrim - a tool for trimming complex pedigrees

Julia Niskanen<sup>1, 2, 3</sup>, Elina Salmela<sup>1, 2, 3, 4</sup>, and Hannes Lohi<sup>1, 2, 3</sup>

1 Department of Veterinary Biosciences, University of Helsinki, Helsinki, Finland 2 Research Programs Unit, Molecular Neurology, University of Helsinki, Helsinki, Finland 3 The Folkhälsan Institute of Genetics, Helsinki, Finland 4 Department of Biosciences, University of Helsinki, Helsinki,

### **DOI:** 10.21105/joss.00179

#### **Software**

- Review 🗗
- Repository 🗗
- Archive ♂

#### Licence

Authors of JOSS papers retain copyright and release the work under a Creative Commons Attribution 4.0 International License (CC-BY).

## Summary

AncesTrim (Niskanen, Salmela, and Lohi 2017) is a Python tool for trimming complex pedigrees. Some pedigree data can have an inherently complicated structure with a high level of inbreeding, which makes visualization of such data difficult. AncesTrim reduces the complexity of pedigrees while preserving critical relatedness structures, allowing the pedigree to be displayed in a more efficient way.

### References

Niskanen, J., E. Salmela, and H. Lohi. 2017. "AncesTrim - a Tool for Trimming Complex Pedigrees." https://github.com/JNisk/AncesTrim.