

JEDy: A Julia package for Evolutionary Dynamics

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Objectives

The objectives of the advanced project I am undertaking are to:

- Become familiar with standard methods for studying evolutionary dynamics computationally and analytically
- Become familiar with the Julia [1] language and its use in scientific computing
- Replicate the results of some seminal papers in the field of evolutionary dynamics using Julia
- Kickstart the development of an open-source package for studying evolutionary dynamics using Julia

References

- [1] Jeff Bezanson, Stefan Karpinski, Viral B. Shah, Alan Edelman, *Julia: A Fast Dynamic Language for Technical Computing*. eprint [arXiv:1209.5145](https://arxiv.org/abs/1209.5145), September 2012.