

# FIT1016 Mid-semester report

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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 09/2012