A computational reproducible manuscript

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[1]**a**

Abstract

Archive statement:
All data (simulated data and code) is made available on GitHub. If accepted, it will be archived with provided DOI in an appropriate scientific data repositoriy.

Keywords: Reproducibility, manuscript

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Introduction

This manuscript is an entirely computationnaly reproducible manuscript. The code and the manuscript is contained in a git repository on GitHub. This git repository is organized following the principles detailed in "A quick guide to organizing your computational biology project" [1]. The compiled version of the manuscript can be found here. The Github repository containing the manuscript can be found here.

Methods

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Name	Formula	
timely	$\mathrm{lfc}(t)$	Function of time
abs_sum	$\sum_t \lVert lfc(t) \rVert$	Always positive
max	$\max_t \lVert lfc(t) \rVert$	Always positive
min	$\min_t \lVert lfc(t) \rVert$	Always positive

Our data set is comprised of 300 samples in 2 dimensions.
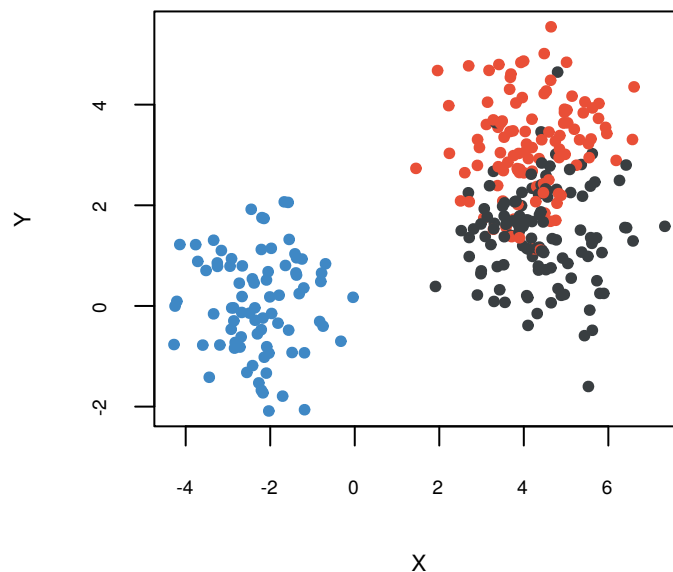
Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum

Discussion

CQFD.

References

[1] William Stafford Noble. A quick guide to organizing computational biology projects. *PLOS Computational Biology*, 5(7): 1–5, 07 2009. doi: 10.1371/journal.pcbi.1000424. URL https://doi.org/10.1371/journal.pcbi.1000424.