
gloria_{soria}*dRAD*₂₀₁₅

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Overview

1.1 gloria_soria_ddRAD_2015

Code supporting the Gloria-Soria et al 2015 paper on tsetse population genomics using ddRAD seq.

- Free software: BSD license

1.1.1 Installation

```
pip install git+https://github.com/CacconeLabYale/gloria_soria_ddRAD_2015.git
```

1.1.2 Documentation

https://gloria_soria_ddRAD_2015.readthedocs.org/

Installation

At the command line:

```
pip install git+https://github.com/CacconeLabYale/gloria_soria_ddRAD_2015.git
```

Usage

To use `gloria_soria_ddRAD_2015` in a project:

```
import gs_ddRAD2015
```

To use `gloria_soria_ddRAD_2015` from the command line:

```
$ gs_ddRAD2015 --help
```

This will yield the help text:

```
$ gs_ddRAD2015 --help
Usage: gs_ddRAD2015 [OPTIONS] COMMAND [ARGS]...

  Command interface to the paper's LD analysis.

  For command specific help text, call the specific command followed by the
  --help option.

Options:
  --config FILENAME  Path to optional config.yaml
  --help             Show this message and exit.

Commands:
  ld_figures          Generates LD figures.
  process_ld_data     Performs the LD analysis.
```

Reference

4.1 gs_ddRAD2015

Contributing

Contributions are welcome, and they are greatly appreciated! Every little bit helps, and credit will always be given.

5.1 Bug reports

When [reporting a bug](#) please include:

- Your operating system name and version.
- Any details about your local setup that might be helpful in troubleshooting.
- Detailed steps to reproduce the bug.

5.2 Documentation improvements

`gloria_soria_ddRAD_2015` could always use more documentation, whether as part of the official `gloria_soria_ddRAD_2015` docs, in docstrings, or even on the web in blog posts, articles, and such.

5.3 Feature requests and feedback

The best way to send feedback is to file an issue at https://github.com/CacconeLabYale/gloria_soria_ddRAD_2015/issues.

If you are proposing a feature:

- Explain in detail how it would work.
- Keep the scope as narrow as possible, to make it easier to implement.
- Remember that this is a volunteer-driven project, and that contributions are welcome :)

5.4 Development

To set up `gloria_soria_ddRAD_2015` for local development:

1. [Fork gloria_soria_ddRAD_2015 on GitHub](#).
2. Clone your fork locally:

```
git clone git@github.com:your_name_here/gloria_soria_ddRAD_2015.git
```

3. Create a branch for local development:

```
git checkout -b name-of-your-bugfix-or-feature
```

Now you can make your changes locally.

4. When you're done making changes, run all the checks, doc builder and spell checker with `tox` one command:

```
tox
```

5. Commit your changes and push your branch to GitHub:

```
git add .
git commit -m "Your detailed description of your changes."
git push origin name-of-your-bugfix-or-feature
```

6. Submit a pull request through the GitHub website.

5.4.1 Pull Request Guidelines

If you need some code review or feedback while you're developing the code just make the pull request.

For merging, you should:

1. Include passing tests (run `tox`)¹.
2. Update documentation when there's new API, functionality etc.
3. Add a note to `CHANGELOG.rst` about the changes.
4. Add yourself to `AUTHORS.rst`.

5.4.2 Tips

To run a subset of tests:

```
tox -e envname -- py.test -k test_myfeature
```

To run all the test environments in *parallel* (you need to `pip install detox`):

```
detox
```

¹ If you don't have all the necessary python versions available locally you can rely on Travis - it will run the tests for each change you add in the pull request.
It will be slower though ...

Authors

- Gus Dunn - <https://github.com/CacconeLabYale>

Changelog

7.1 0.1.0 (2015-02-04)

- First release on PyPI.

Indices and tables

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