
WC*_analysisdokumentation*

Release 0.0.1

Karr Lab

Jun 26, 2020

Contents

| | | |
|----------|---------------------------------------|----------|
| 1 | Contents | 3 |
| 1.1 | Installation | 3 |
| 1.1.1 | Prerequisites | 3 |
| 1.1.2 | Latest revision from GitHub | 3 |
| 1.2 | About | 3 |
| 1.2.1 | License | 3 |
| 1.2.2 | Development team | 4 |
| 1.2.3 | Acknowledgements | 4 |
| 1.2.4 | Questions and comments | 4 |

Tools for analyzing whole-cell knowledge bases, models, and simulation results

1.1 Installation

1.1.1 Prerequisites

- Python
- Pip

1.1.2 Latest revision from GitHub

Run the following command to install the latest version from GitHub:

```
pip install git+https://github.com/KarrLab/wc_utils.git#egg=wc_utils
pip install git+https://github.com/KarrLab/obj_tables.git#egg=obj_tables
pip install git+https://github.com/KarrLab/wc_lang.git#egg=wc_lang
pip install git+https://github.com/KarrLab/wc_kb.git#egg=wc_kb
pip install git+https://github.com/KarrLab/wc_analysis.git#egg=wc_analysis
```

1.2 About

1.2.1 License

The software is released under the MIT license

```
The MIT License (MIT)
```

```
Copyright (c) 2018 Karr Lab
```

```
Permission is hereby granted, free of charge, to any person obtaining a copy
```

(continues on next page)

(continued from previous page)

of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.2.2 Development team

This package was developed by the [Karr Lab](#) at the Icahn School of Medicine at Mount Sinai in New York, USA.

1.2.3 Acknowledgements

This work was supported by a National Science Foundation / ERASynBio award [grant numbers 1548123, 335672], a National Science Foundation INSPIRE award [grant number 1649014], and a National Institutes of Health MIRA award [grant number 1 R35 GM119771].

1.2.4 Questions and comments

Please contact the [Karr Lab](#) with any questions or comments.