

testpsignifit

This is designed to test running of psignifit in a docker container on github.

```
library(reticulate)
```

```
# use_miniconda('r-reticulate')  
install_python(version='3.6')
```

```
## Installing pyenv ...  
## Done! pyenv has been installed to '/root/.local/share/r-reticulate/pyenv/bin/pyenv'.  
## + /root/.local/share/r-reticulate/pyenv/bin/pyenv update  
## + /root/.local/share/r-reticulate/pyenv/bin/pyenv install --skip-existing 3.6  
## [1] "/root/.pyenv/versions/3.6.15/bin/python3.6"
```

```
# use_python_version("3.9.1")
```

```
virtualenv_create('pfitenv',version="3.6")
```

```
## Using Python: /root/.pyenv/versions/3.6.15/bin/python3.6  
## Creating virtual environment 'pfitenv' ...  
## + /root/.pyenv/versions/3.6.15/bin/python3.6 -m venv /root/.virtualenvs/pfitenv  
## Done!  
## Installing packages: pip, wheel, setuptools  
## + /root/.virtualenvs/pfitenv/bin/python -m pip install --upgrade pip wheel setuptools  
## Installing packages: numpy  
## + /root/.virtualenvs/pfitenv/bin/python -m pip install --upgrade --no-user numpy  
## Virtual environment 'pfitenv' successfully created.
```

```
py_install('https://github.com/wichmann-lab/python-psignifit/zipball/master')
```

```
## Using Python: /root/.pyenv/versions/3.6.15/bin/python3.6  
## Creating virtual environment '~/virtualenvs/r-reticulate' ...  
## + /root/.pyenv/versions/3.6.15/bin/python3.6 -m venv /root/.virtualenvs/r-reticulate  
## Done!  
## Installing packages: pip, wheel, setuptools  
## + /root/.virtualenvs/r-reticulate/bin/python -m pip install --upgrade pip wheel setuptools  
## Virtual environment '~/virtualenvs/r-reticulate' successfully created.  
## Using virtual environment '~/virtualenvs/r-reticulate' ...  
## + /root/.virtualenvs/r-reticulate/bin/python -m pip install --upgrade --no-user 'https://github.com/
```

```
# pip install https://github.com/wichmann-lab/python-psignifit/zipball/master
```

```
import psignifit as ps
```

```
C = ps.utils.my_norminv(1-0.05,0,1) - ps.utils.my_norminv(0.05,0,1)
```

```
ps <- import('psignifit')
```

```
C <- ps$utils$my_norminv(1-0.05,0,1) - ps$utils$my_norminv(0.05,0,1)
```

C = 3.2897073

This indicates it is working.