
otpod Documentation

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CONTENTS:

1.1 Documentation of the API

This is the user manual for the Python bindings to the otpod library.

1.1.1 Data analysis

UnivariateLinearModelAnalysis Build a linear regression model and perform hypothesis test on the residuals.

UnivariateLinearModelAnalysis

class UnivariateLinearModelAnalysis (*args)

Build a linear regression model and perform hypothesis test on the residuals.

Available constructors

UnivariateLinearModelAnalysis(*inputSample*, *outputSample*)

UnivariateLinearModelAnalysis(*inputSample*, *outputSample*, *noiseThres*, *saturationThres*, *resDistFact*, *box-Cox*)

Parameters **inputSample** : 2-d sequence of float

Vector of the defects size, of dimension 1.

outputSample : 2-d sequence of float

Vector of the signals, of dimension 1.

noiseThres : float

Low censored value

run ()

Bla bla bla

Parameters **sdfs** : float

dfsdf

oko : bool

ture

1.1.2 POD model

UnivariateLinearRegressionPOD doc

UnivariateLinearRegressionPOD

```
class UnivariateLinearRegressionPOD (*args)
    doc
        run ()
            Bla bla bla
                Parameters sdf : float
                    dfsdf
                        oko : bool
                            ture
```

1.2 Examples

INDICES AND TABLES

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