

---

**statadict**

**Adrian Tuzimek**

**Mar 15, 2021**



# CONTENTS

1	statadict.parse_stata_dict	3
2	statadict.base.StataDict	5
3	Indices and tables	7
	Index	9



Link: <https://github.com/atudomain/statadict>



## STATADICT.PARSE\_STATA\_DICT

`statadict.parse_stata_dict` (*file: str*) → *statadict.base.StataDict*

Parses Stata dictionary file and returns object containing column data as attributes.

‘names’, ‘colspecs’ and ‘widths’ attributes can be used with ‘pandas.read\_fwf()’.

**Parameters** **file** – Stata dictionary file (usually .dct extension)

**Type** str

**Returns** Object with column data as attributes

**Return type** *statadict.base.StataDict*





---

**STATADICT.BASE.STATADICT**

```
class statadict.base.StataDict(column_numbers: List[int], types: List[str], names: List[str],  
                                formats: List[str], comments: List[str])
```

Class representing Stata dictionary file.

Consists of several attributes describing columns in a fixed width field csv file.

‘names’, ‘colspecs’ and ‘widths’ attributes can be used with ‘pandas.read\_fwf()’.

**property colspecs**

This attribute can be used with pandas.read\_fwf() as colspecs argument.

**Returns** Tuple with start and end of data for each column

**Return type** List[tuple]

**property column\_numbers**

**Returns** Number for each column where that column data should start in fwf file (1-indexed)

**Return type** List[int]

**property comments**

**Returns** Optional comment for each column

**Return type** List[str]

**property formats**

**Returns** Parsing format for each column

**Return type** List[str]

**property names**

This attribute can be used with pandas.read\_fwf() as names argument.

**Returns** Name for each column

**Return type** List[str]

**property types**

**Returns** Data type for each column

**Return type** List[str]

**property widths**

This attribute can be used with pandas.read\_fwf() as widths argument.

**Returns** Width for each column

**Return type** List[int]



## INDICES AND TABLES

- `genindex`



## INDEX

### C

`colspecs()` (*statadict.base.StataDict* property), 5  
`column_numbers()` (*statadict.base.StataDict* property), 5  
`comments()` (*statadict.base.StataDict* property), 5

### F

`formats()` (*statadict.base.StataDict* property), 5

### N

`names()` (*statadict.base.StataDict* property), 5

### P

`parse_stata_dict()` (*in module statadict*), 3

### S

`StataDict` (*class in statadict.base*), 5

### T

`types()` (*statadict.base.StataDict* property), 5

### W

`widths()` (*statadict.base.StataDict* property), 5