

Package ‘beans’

October 12, 2022

Title Data on Dried Beans

Version 0.1.0

Description These data contain morphological image measurements for dried beans from Koklu and Ozkan (2020) <[doi:10.1016/j.compag.2020.105507](https://doi.org/10.1016/j.compag.2020.105507)>.

License MIT + file LICENSE

Depends R (>= 2.10)

Encoding UTF-8

LazyData true

RoxygenNote 7.1.1

Suggests spelling

Language en-US

NeedsCompilation no

Author Max Kuhn [aut, cre] (<<https://orcid.org/0000-0003-2402-136X>>)

Maintainer Max Kuhn <mxkuhn@gmail.com>

Repository CRAN

Date/Publication 2021-07-09 09:00:08 UTC

R topics documented:

beans	1
Index	3

beans	<i>Dry beans</i>
-------	------------------

Description

Dry beans

Details

Koklu and Ozkan (2020) describe a data set where images of beans were segmented and quantified. There are 13,611 beans quantified using 16 morphologic image features. The variety of each bean was labeled as one of six values (in the column `class`).

Value

beans a tibble

Source

Koklu, M, and IA Ozkan. 2020. Multiclass Classification of Dry Beans Using Computer Vision and Machine Learning Techniques. *Computers and Electronics in Agriculture*, 174: 105507. doi: [10.1016/j.compag.2020.105507](https://doi.org/10.1016/j.compag.2020.105507), <https://www.muratkoklu.com/datasets/>

Examples

```
data(beans)
str(beans)
```

Index

* **datasets**
beans, 1

beans, 1