

Package ‘beans’

July 22, 2025

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)>.

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Depends R (>= 2.10)

Encoding UTF-8

LazyData true

RoxygenNote 7.1.1

Suggests spelling

Language en-US

NeedsCompilation no

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Repository CRAN

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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(bean)  
str(bean)
```

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