

# Package: beans (via r-universe)

September 12, 2024

**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

**Roxygen** list(markdown = TRUE)

**RoxygenNote** 7.1.1

**Suggests** spelling

**Language** en-US

**Repository** <https://topepo.r-universe.dev>

**RemoteUrl** <https://github.com/topepo/beans>

**RemoteRef** HEAD

**RemoteSha** d5180fca146928b3312e1bff5b89fd33a632116f

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beans

*Dry beans*

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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://www.muratkoklu.com/datasets/>

### Examples

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

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