

about-vignette

This package is written as a part of Workflows course DSFB for educational purposes.
This RMD file contains information about the package functions that were used during this course

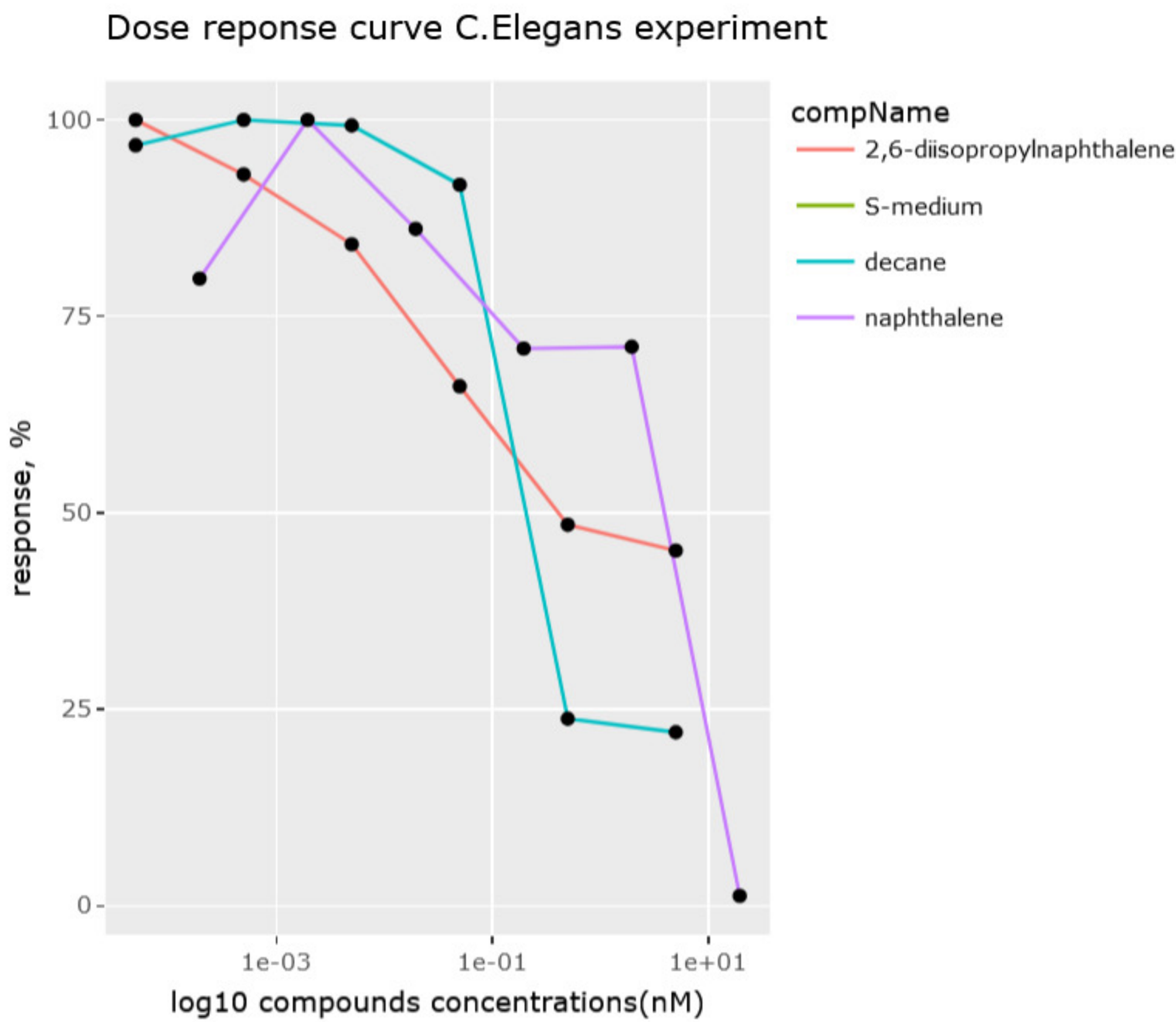
Function dosisresponse()

This function creates a plot with a dose response curves for given components
Components: 2,6-diisopropylnaphthalene,"S-medium","naphthalene", "decane"
The function takes as parameter a dataset and a list of chmikals to be analysed

```
df <- data.frame(celegance)

components <-c("2,6-diisopropylnaphthalene","S-medium","naphthalene", "decane")

dosisresponse(df,components)
```



Function basestats()

This functions displays base summary of given data set, and a plot of raw data density
The function takes as parameter a dataset

General summary of data:

```
basestats(df)
```

```
## [1] "general summary :"  
## # A tibble: 5 x 4  
##   compName      MeanResponse MaxResponse MinResonse  
##   <chr>          <dbl>         <dbl>    <dbl>  
## 1 2,6-diisopropylnaphthalene      65.0         120      16  
## 2 Ethanol             70.6         108      30  
## 3 S-medium             85.9         106      62  
## 4 decane               67.1         124      10  
## 5 naphthalene             64.4         107       0
```

