

# letrozole

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reference:

- Cannon, et al., Stat2, chapter 09, example 9.7

Import the data.

```
letrozole <- c(100 - 7.2, 7.2, 100 - 13.2, 13.2)
dim(letrozole) <- c(2, 2)
dimnames(letrozole) <- list("disease-free survival"=c("yes", "no"),
                           treatment=c("letrozole", "placebo"))
letrozole
```

```
##                treatment
## disease-free survival letrozole placebo
##                yes      92.8    86.8
##                no       7.2    13.2
```

Odds ratio.

```
odds.disease.free.survival.letrozole <- (100 - 7.2) / 7.2
odds.disease.free.survival.placebo <- (100 - 13.2) / 13.2
odds.ratio <- odds.disease.free.survival.letrozole / odds.disease.free.survival.placebo
odds.ratio
```

```
## [1] 1.960061
```