wmw_odds function Valdiation

Comparing to known values and to genodds package

Aaron R. Caldwell

```
library(genodds)
library(testthat)
library(effectsize)
```

Sleep Dataset

Reversed

```
y1 = subset(sleep, group == 2)$extra
x1 = subset(sleep, group == 1)$extra
my = wmw_odds(x = x1,
        y = y1)
other = genodds(response = sleep$extra,
        group = sleep$group)
# Inverse
odds = 1/my \circ dds
high_ci = 1/my$CI_low
low_ci = 1/my$CI_high
test_that("sleep data",
          {
            expect_equal(odds,other$results$`All data`$odds)
            expect_equal(low_ci, other$results$`All data`$conf.int[1])
            expect_equal(high_ci, other$results$`All data`$conf.int[2])
          })
```

Iris: 1

Reversed

Test passed

Iris: 2

```
expect_equal(my$odds,other$results$`All data`$odds)
expect_equal(my$CI_low, other$results$`All data`$conf.int[1])
expect_equal(my$CI_high, other$results$`All data`$conf.int[2])
})
```

Reversed

Test passed

One sample