

day

Fri

Sat (p=0.879)

Sun (p=0.715)

Thur (p=0.824)

time

Dinner

Lunch (p=0.808)

total\_bill

(p<0.001\*\*\*)

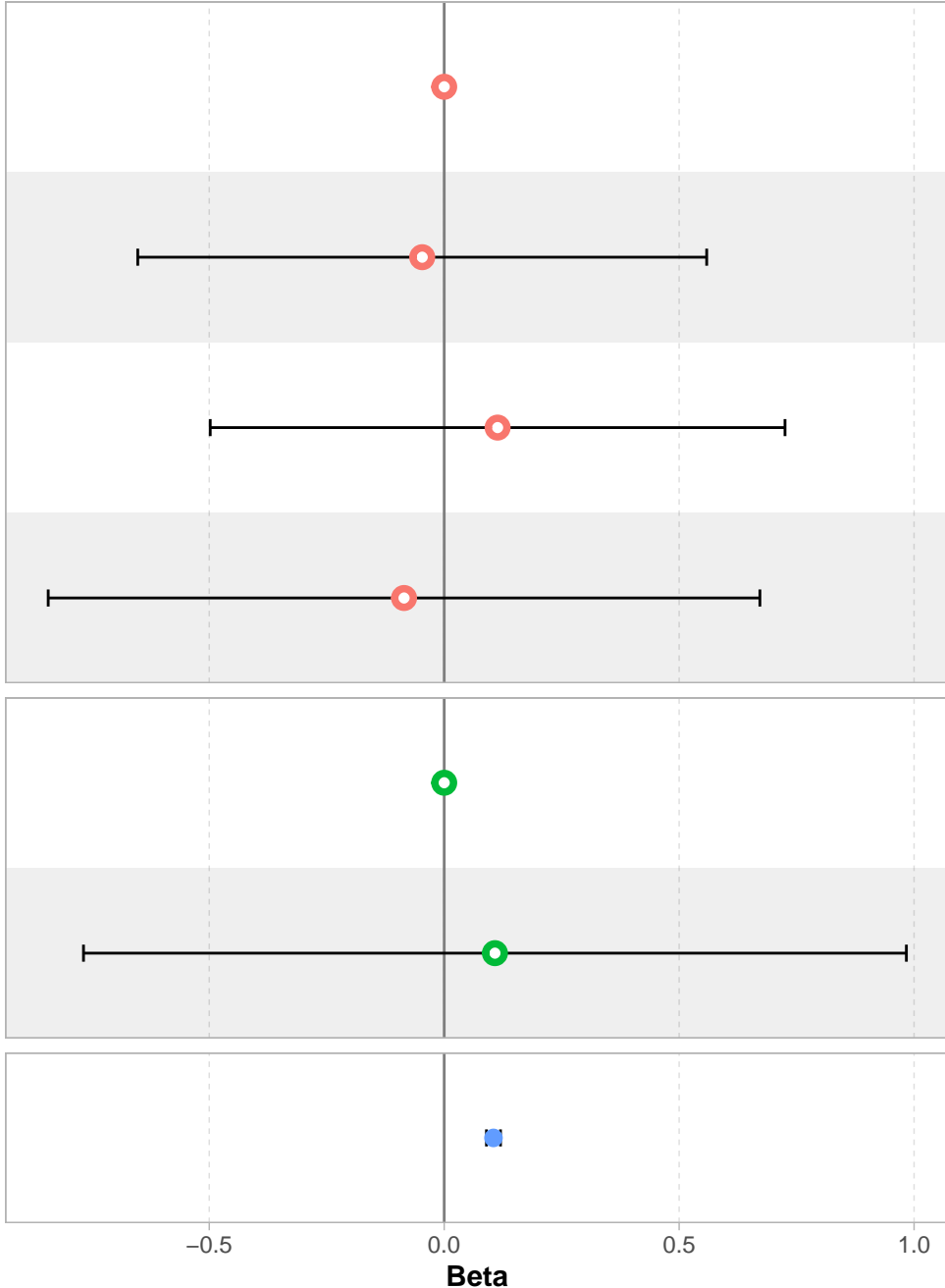
-0.5

0.0

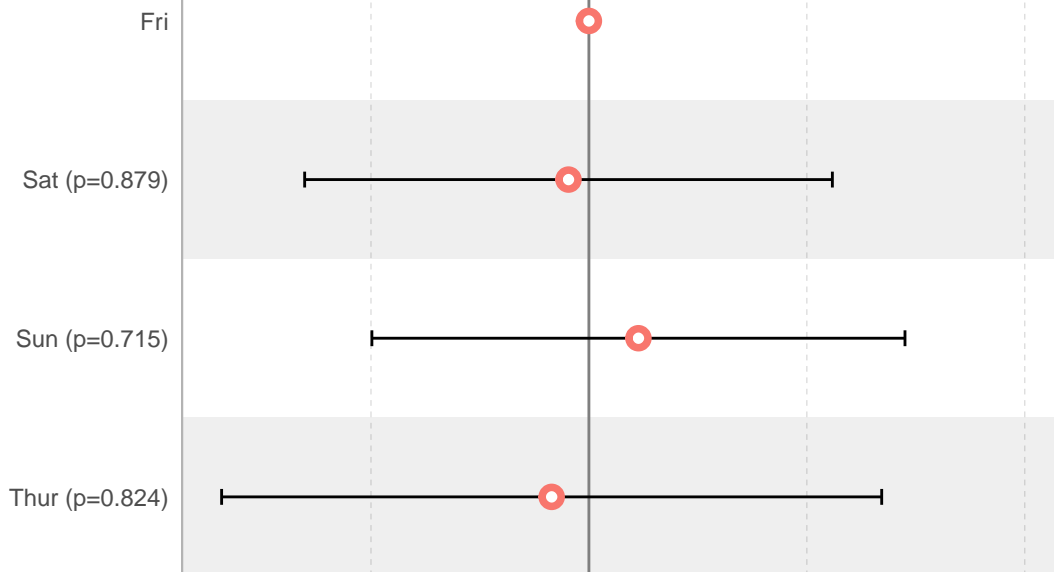
0.5

1.0

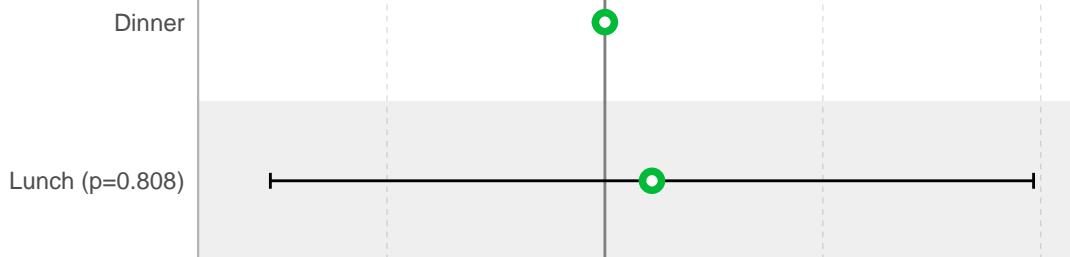
Beta



## Day of the week



## Lunch or Dinner



## Bill's total



●  $p = 0.05$  ○  $p > 0.05$

## Week day

Fri

Sat (p=0.879)

Sun (p=0.715)

Thur (p=0.824)

## Time (lunch or dinner ?)

Dinner

Lunch (p=0.808)

## Total of the bill

(p<0.001\*\*\*)

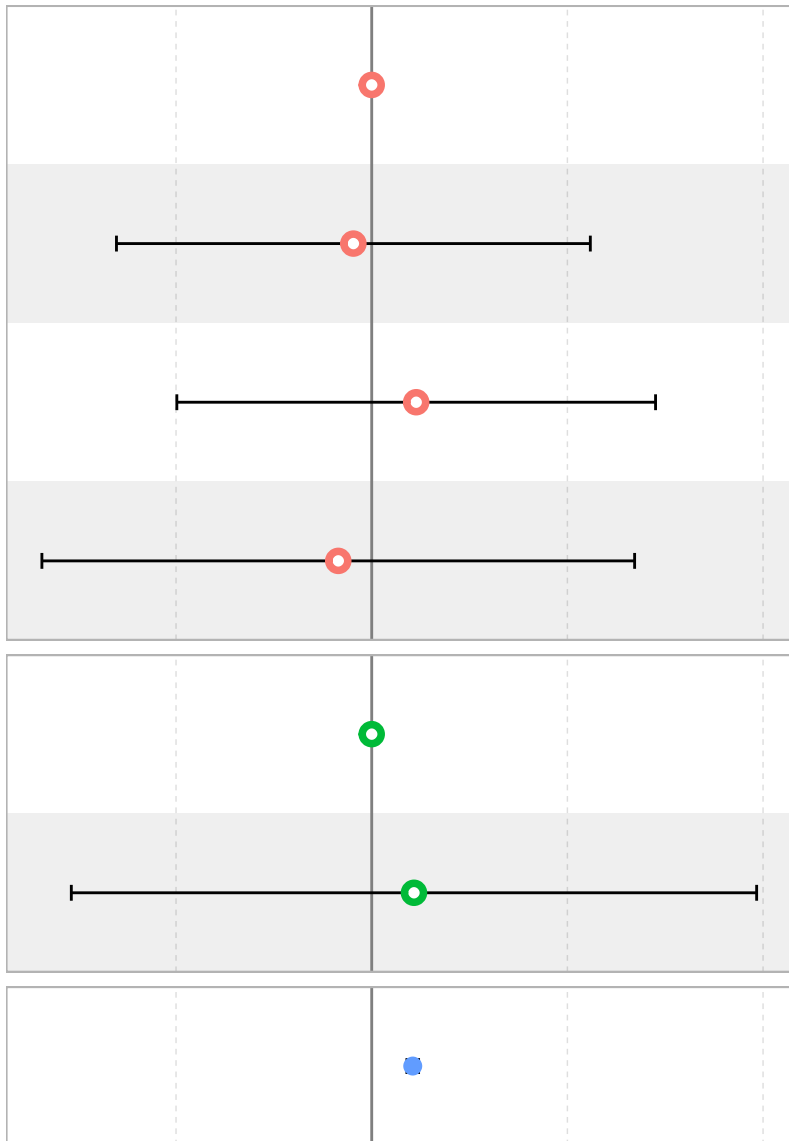
-0.5

Beta

0.5

1.0

● p = 0.05    ○ p > 0.05



## Week day

Fri

Sat (p=0.879)

Sun (p=0.715)

Thur (p=0.824)

## Time (lunch or dinner ?)

Dinner

Lunch (p=0.808)

## Total of the bill

(p<0.001\*\*\*)

-0.5

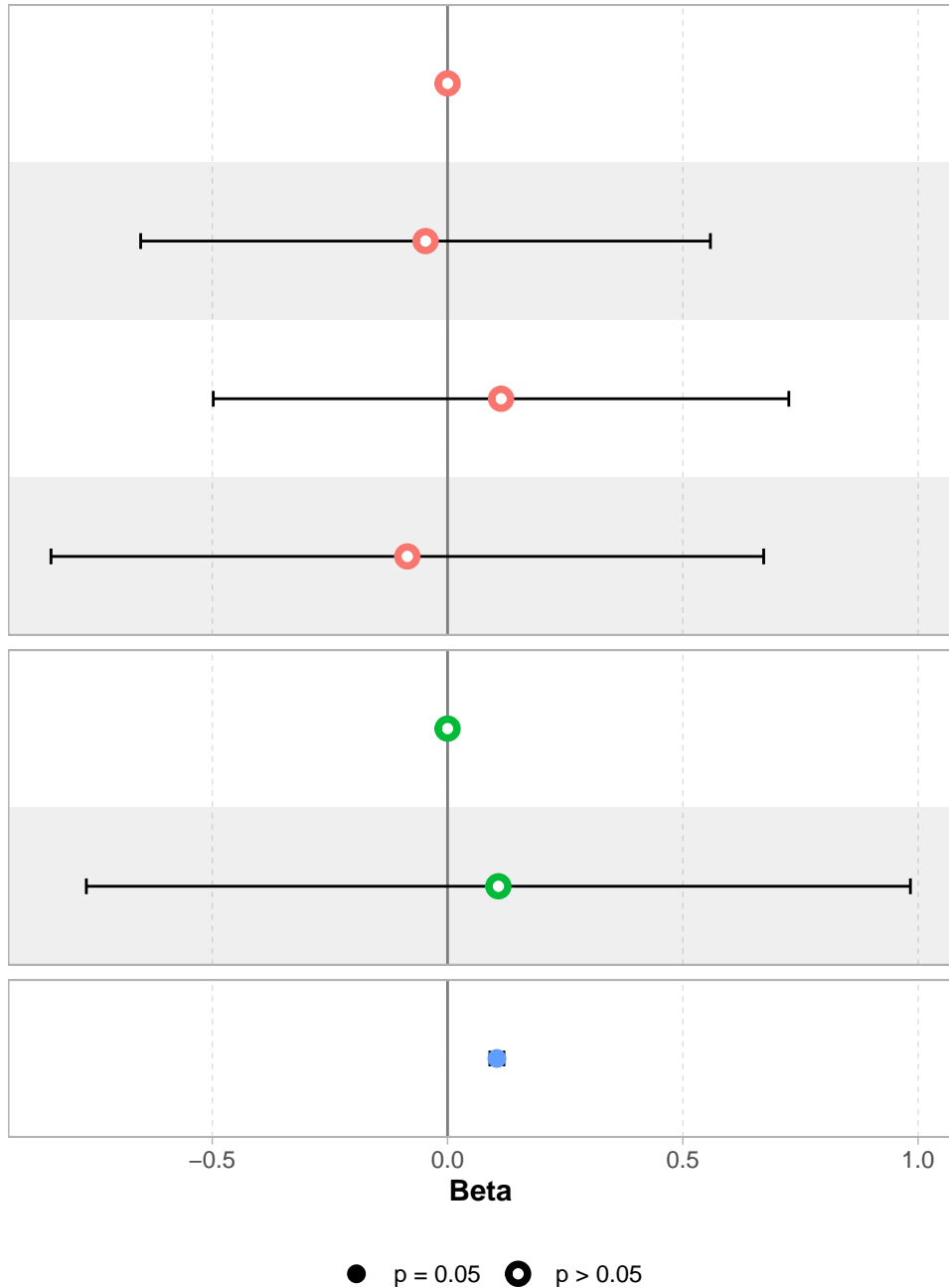
0.0

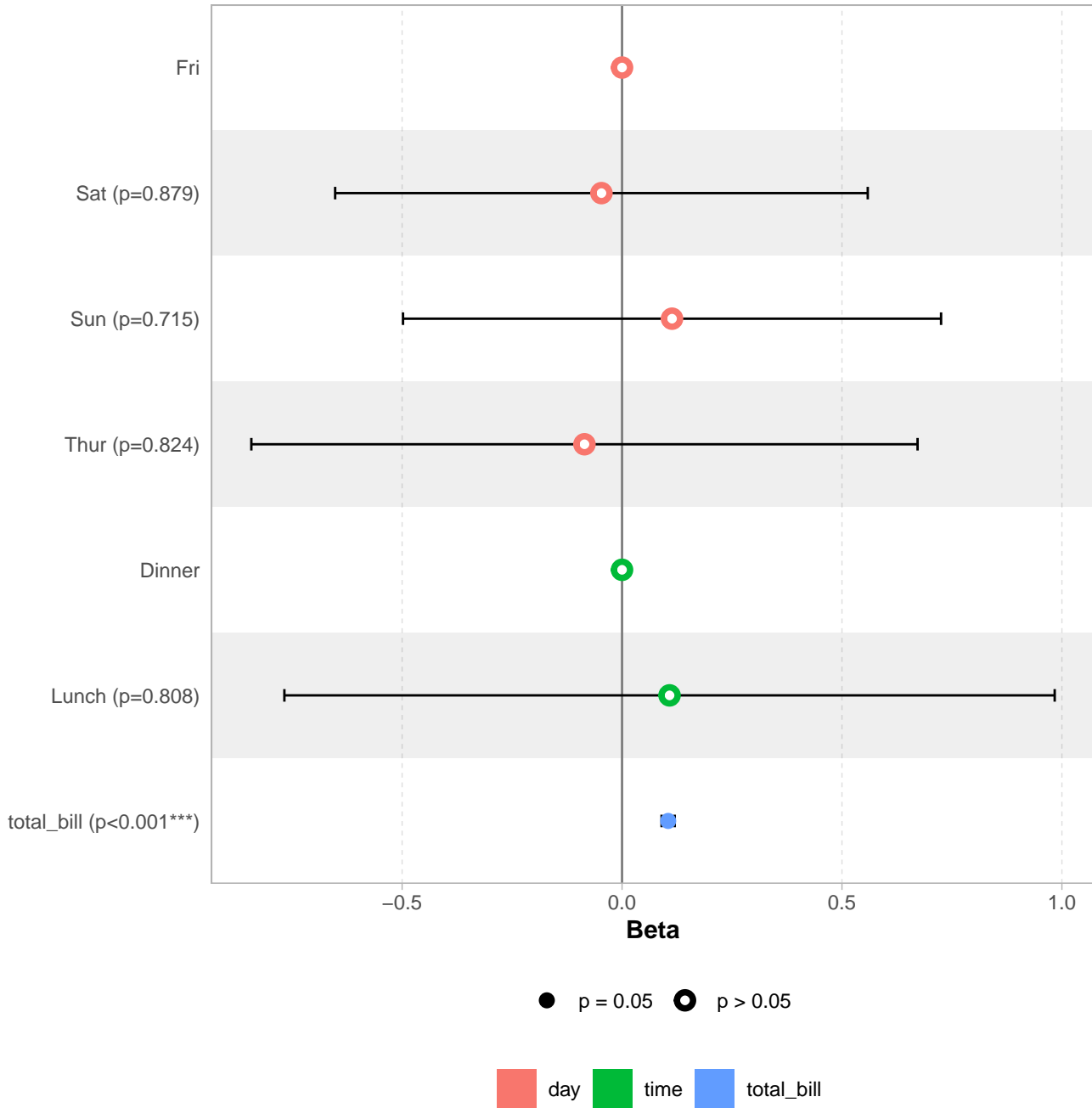
0.5

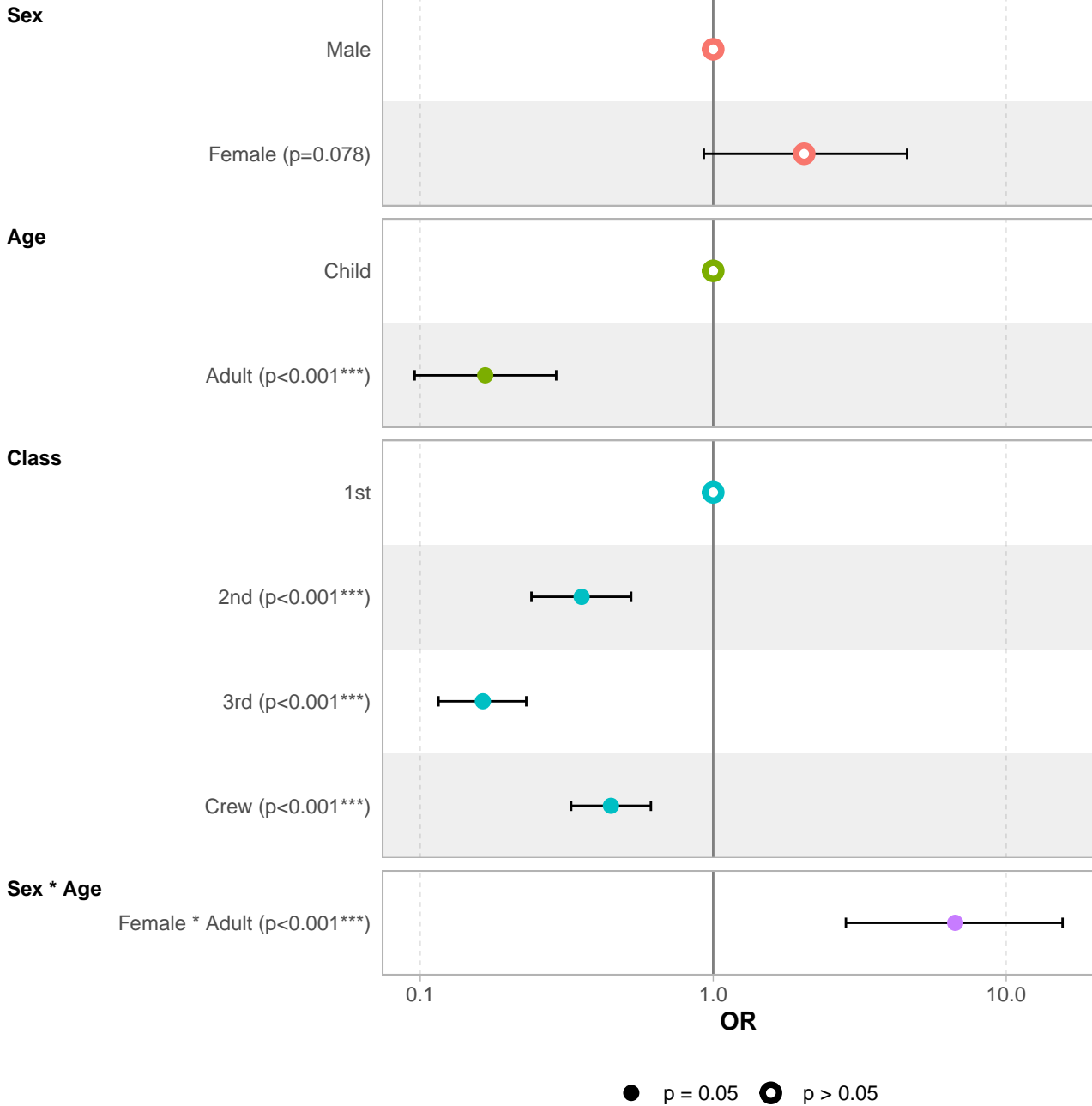
1.0

Beta

● p = 0.05    ● p > 0.05







**(Intercept)**

( $p < 0.001^{***}$ )

**Sex**

Male

Female ( $p = 0.078$ )

**Age**

Child

Adult ( $p < 0.001^{***}$ )

**Class**

1st

2nd ( $p < 0.001^{***}$ )

3rd ( $p < 0.001^{***}$ )

Crew ( $p < 0.001^{***}$ )

**Sex \* Age**

Female \* Adult ( $p < 0.001^{***}$ )

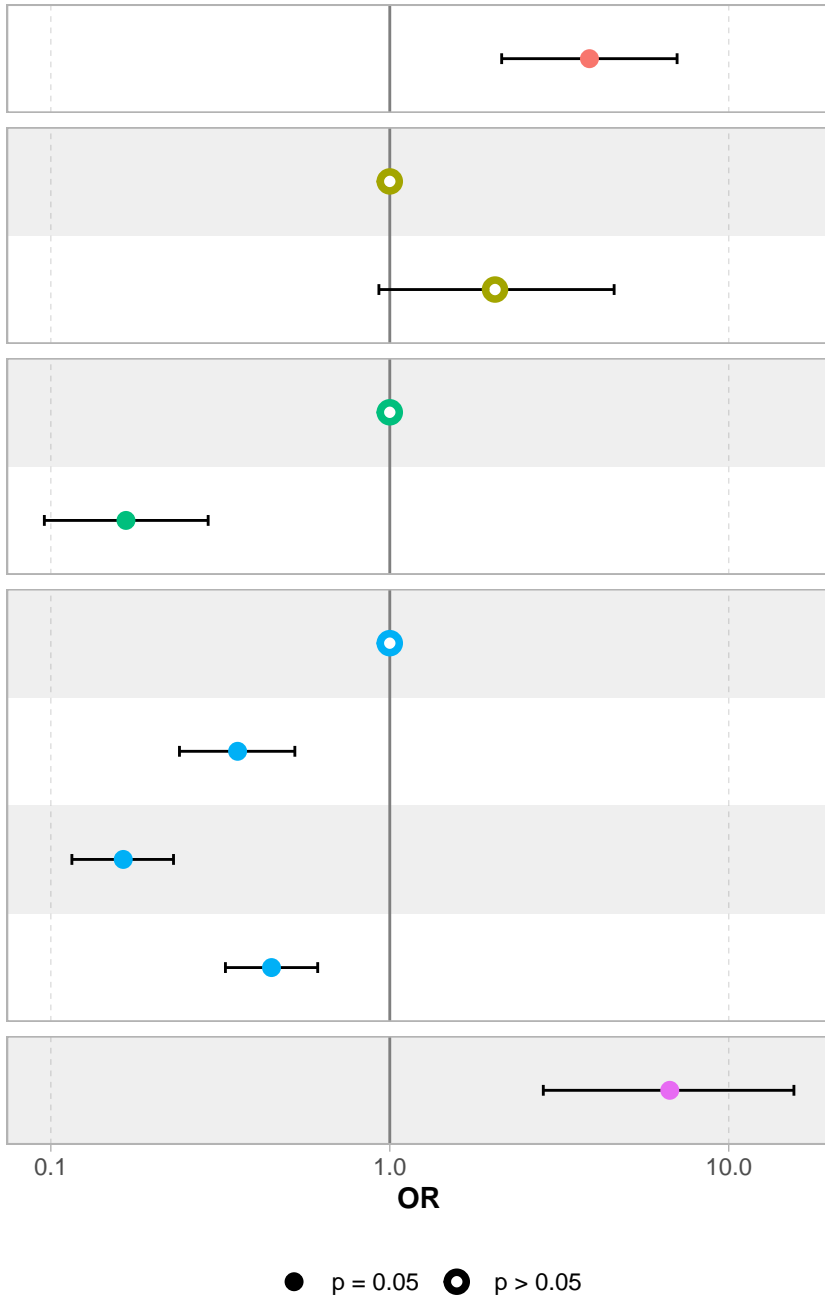
0.1

1.0

10.0

**OR**

●  $p = 0.05$     ●  $p > 0.05$





## Age

Child

Adult ( $p < 0.001^{***}$ )

## Class

1st

2nd ( $p < 0.001^{***}$ )

3rd ( $p < 0.001^{***}$ )

Crew ( $p < 0.001^{***}$ )

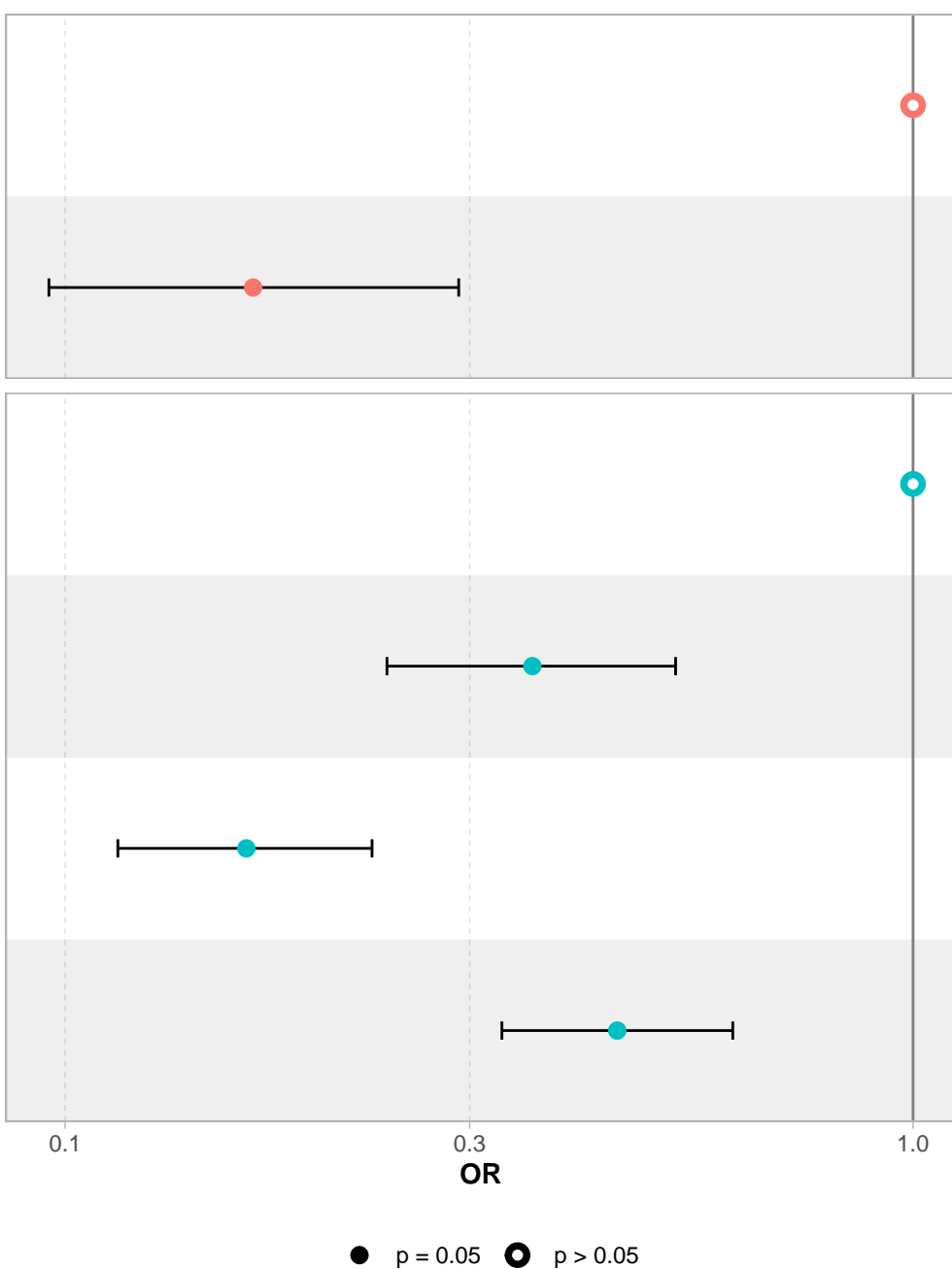
0.1

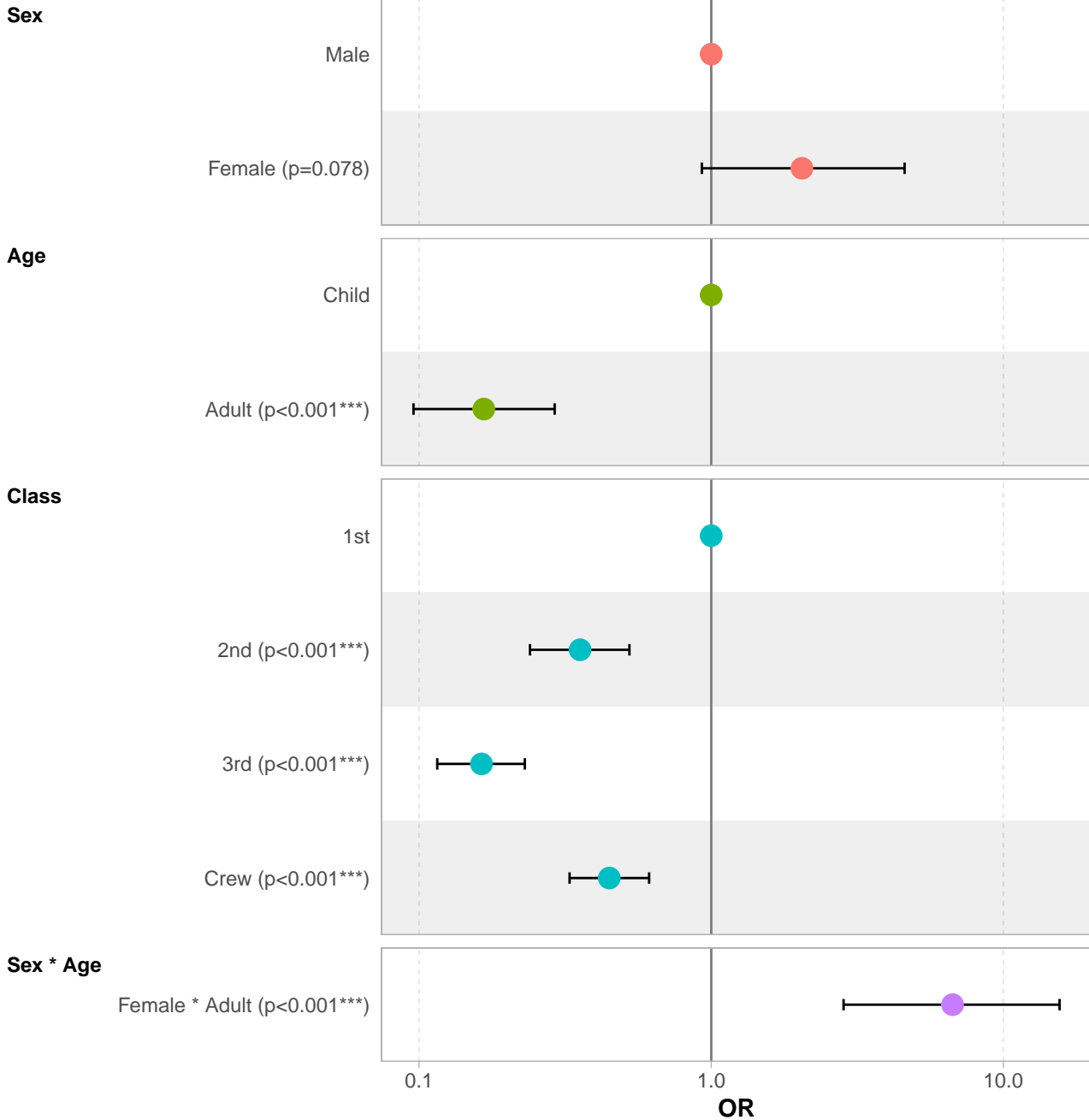
0.3

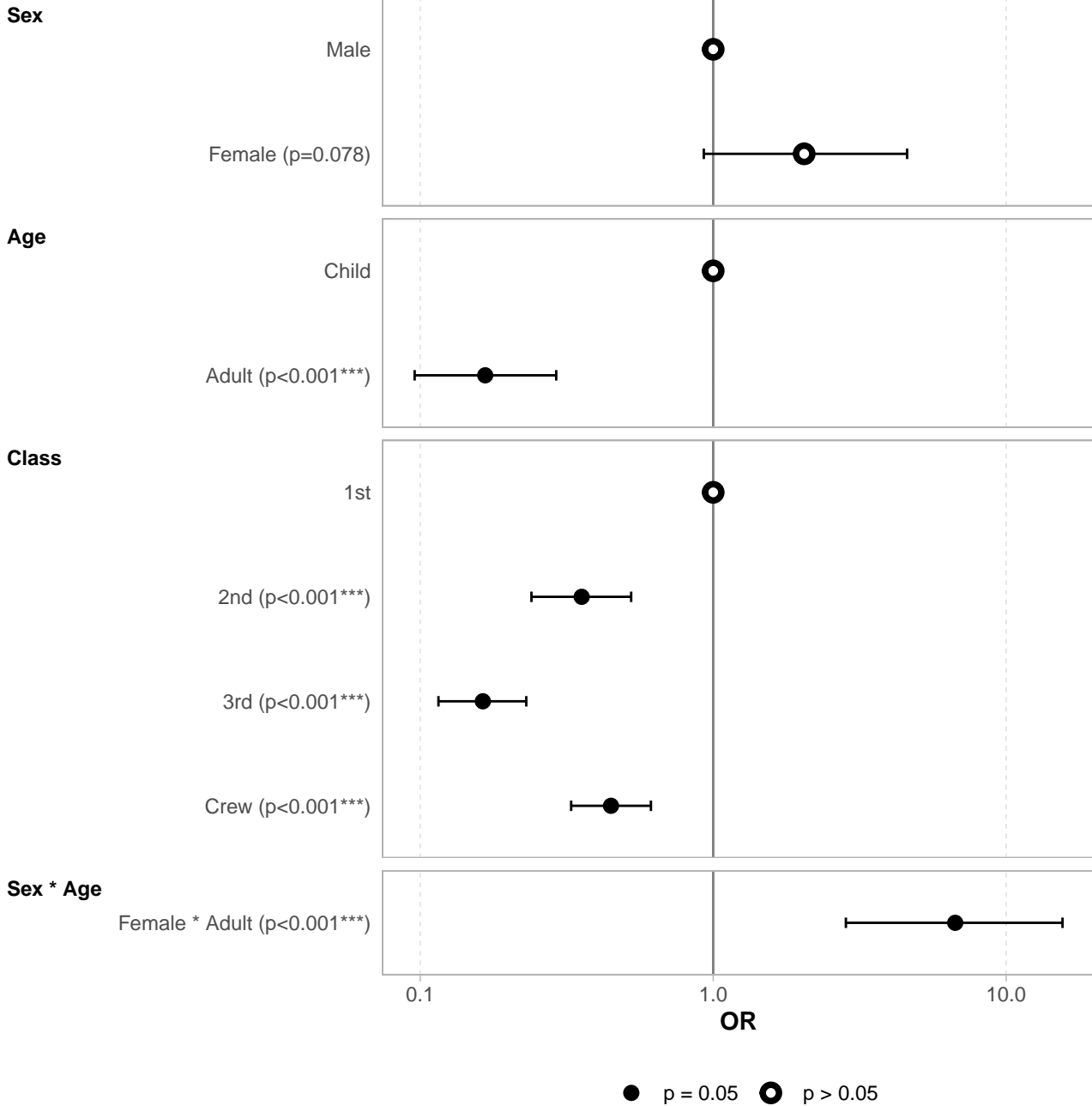
1.0

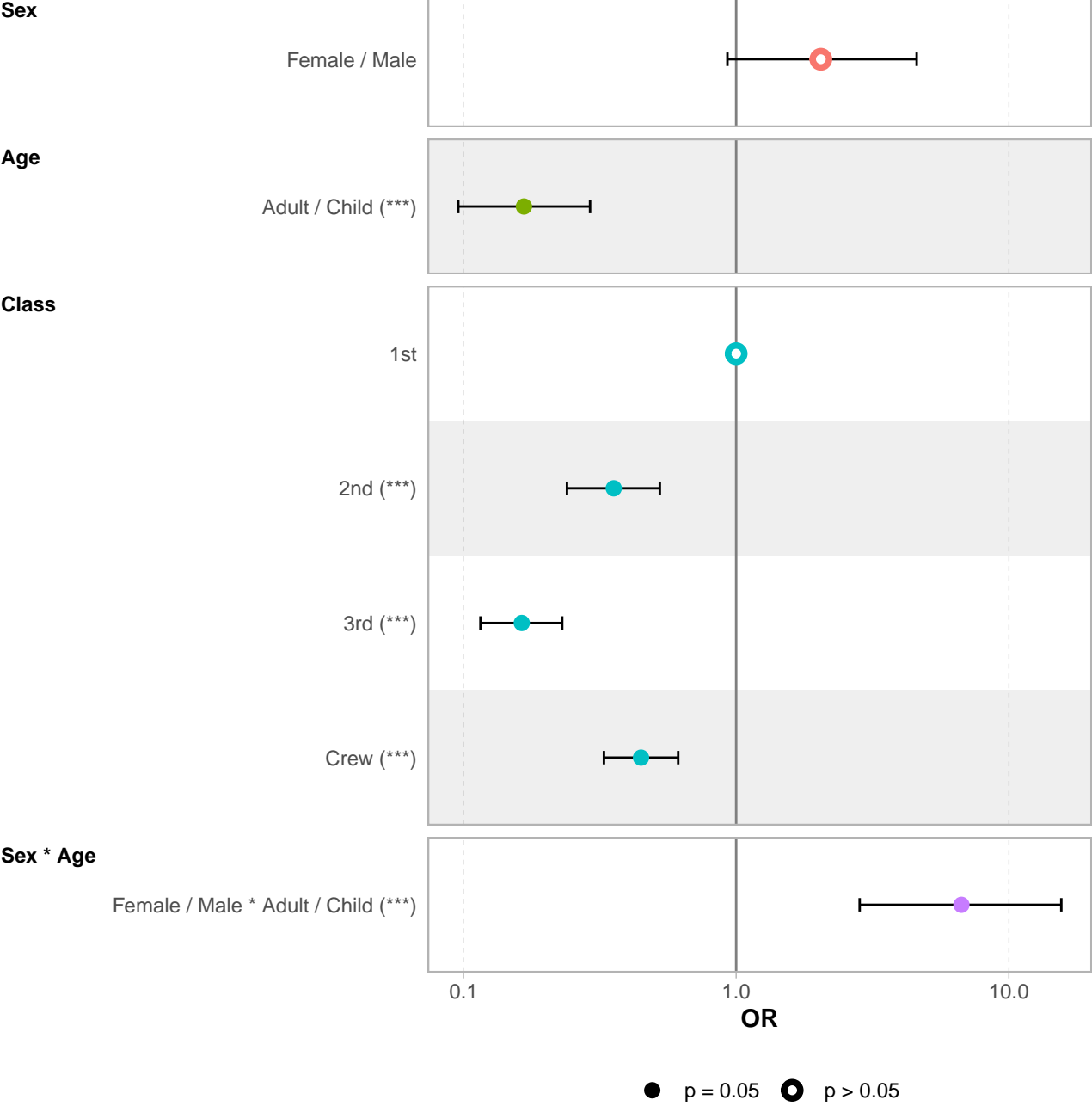
OR

●  $p = 0.05$  ○  $p > 0.05$









## total\_bill

total\_bill ( $p < 0.001^{***}$ )

total\_bill<sup>2</sup> ( $p = 0.986$ )

total\_bill<sup>3</sup> ( $p = 0.006^{**}$ )

## day

Fri

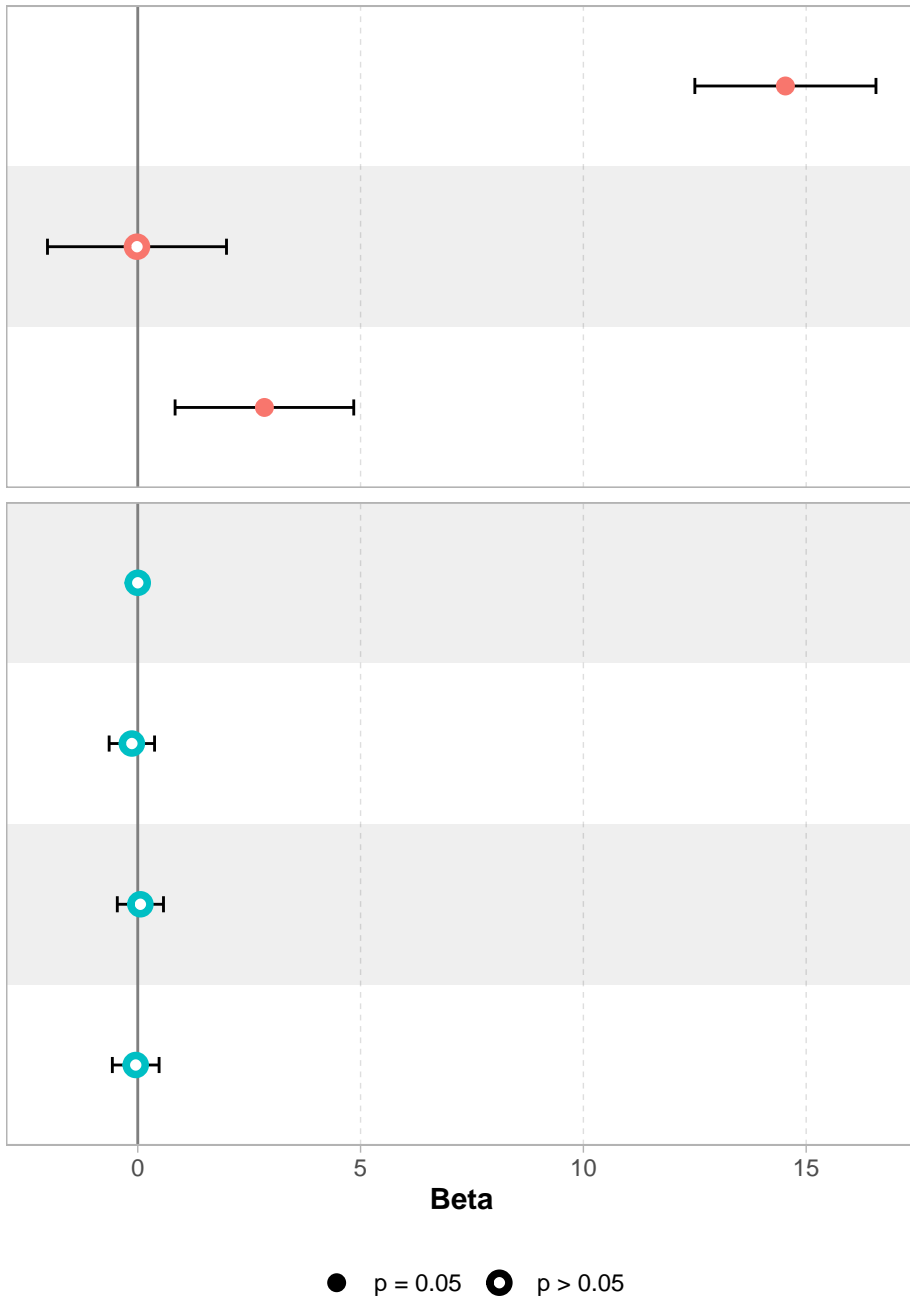
Sat ( $p = 0.608$ )

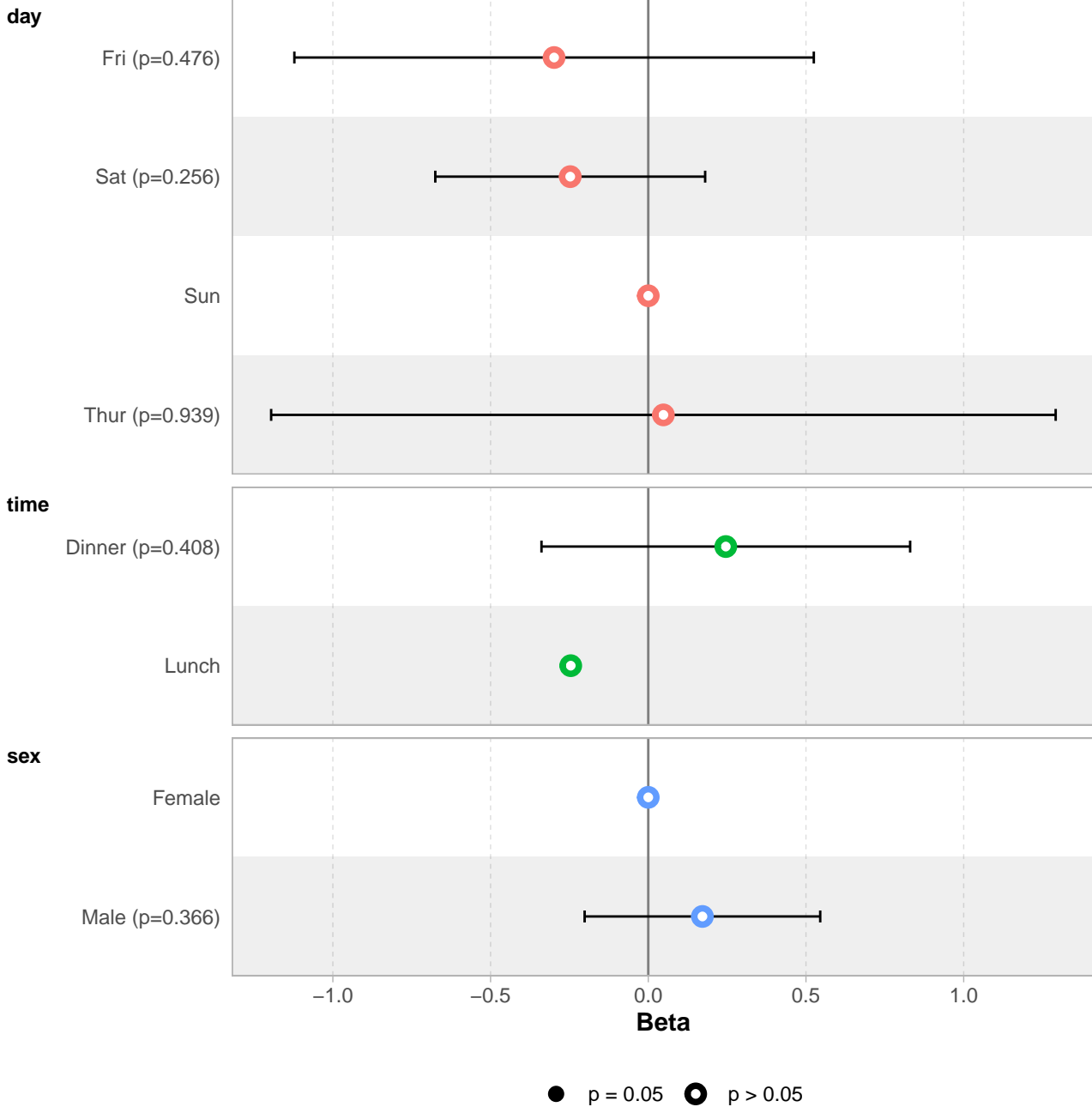
Sun ( $p = 0.822$ )

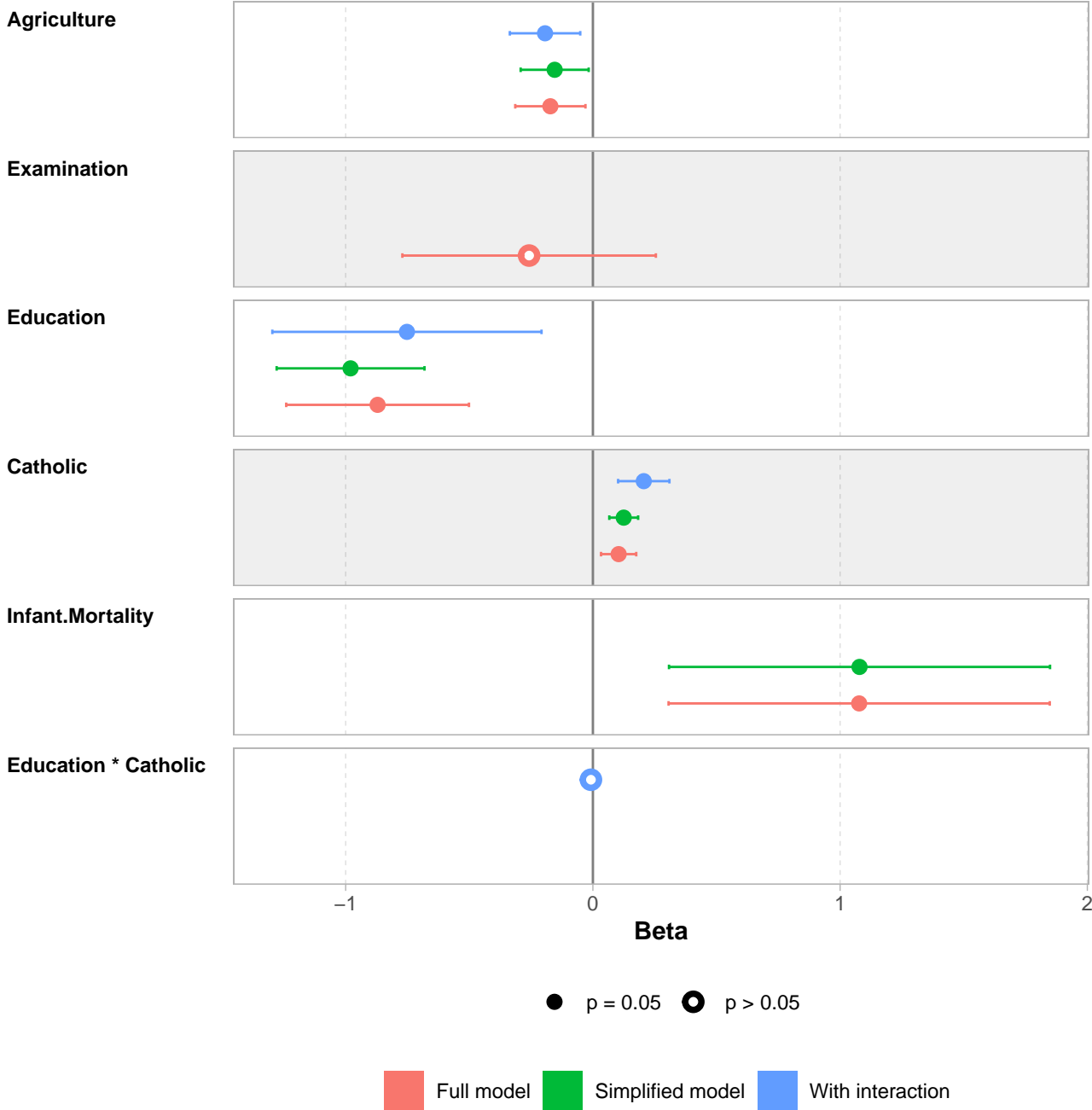
Thur ( $p = 0.864$ )

Beta

●  $p = 0.05$  ○  $p > 0.05$





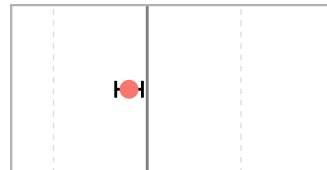
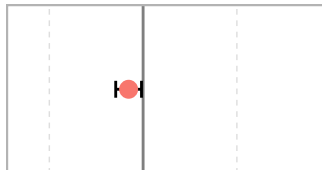
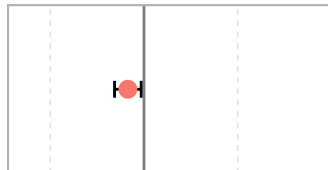


Full model

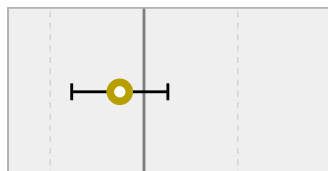
Simplified model

With interaction

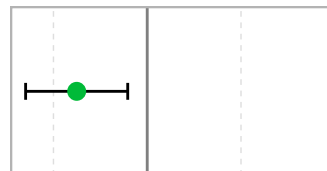
Agriculture



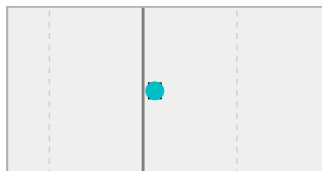
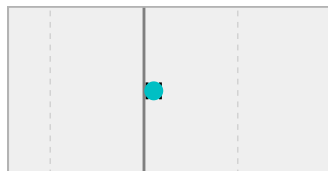
Examination



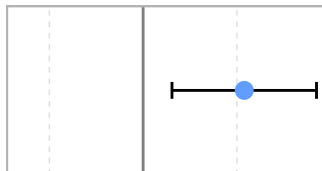
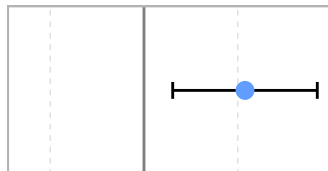
Education



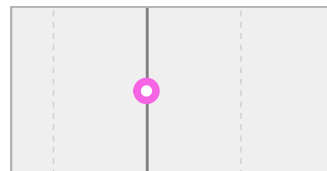
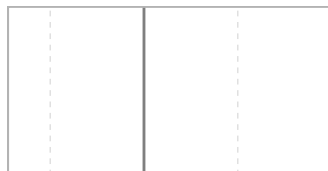
Catholic



Infant.Mortality



Education \* Catholic



-1

0

1

2

-1

0

1

-1

0

1

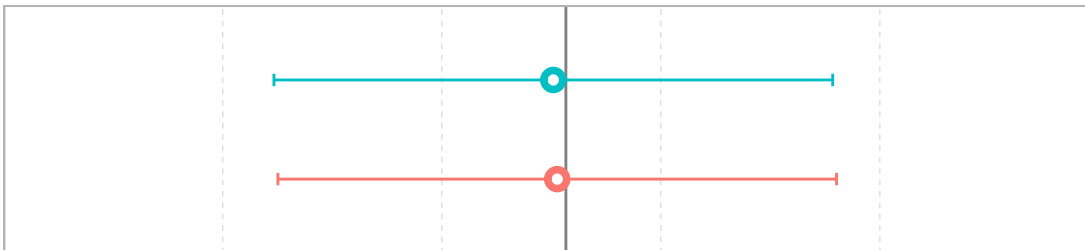
2

Beta

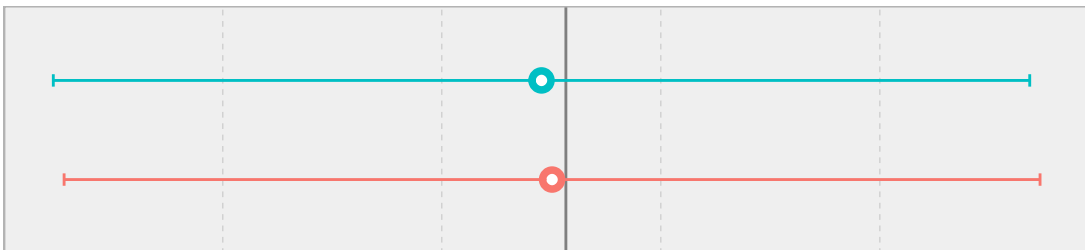
 $p = 0.05$  $p > 0.05$



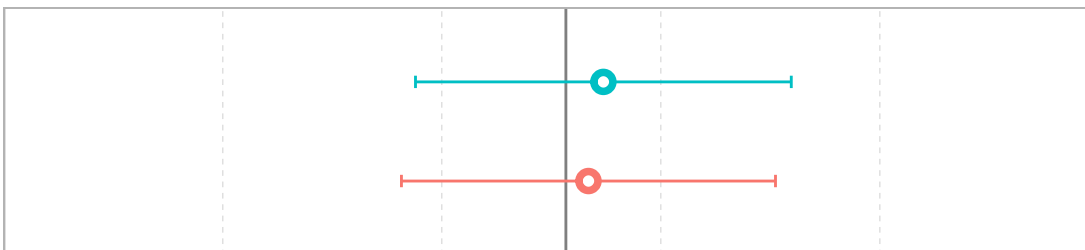
Sepal.Length



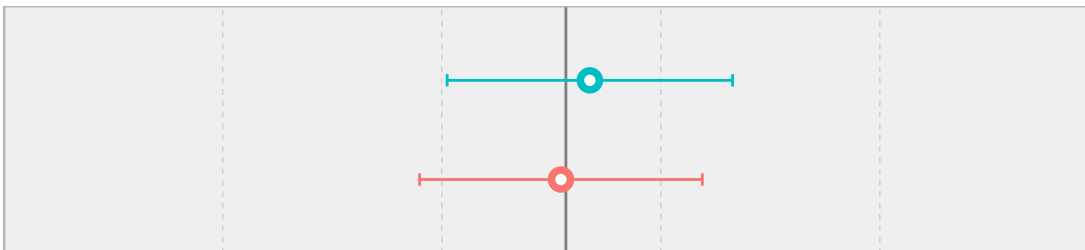
Sepal.Width



Petal.Length



Petal.Width



1e-94

1e-34

OR

1e+26

1e+86



p = 0.05



p > 0.05



versicolor

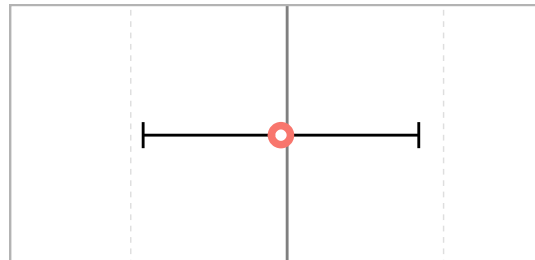
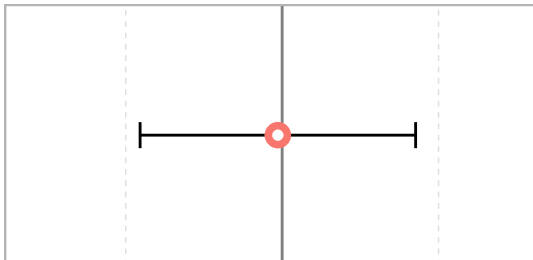


virginica

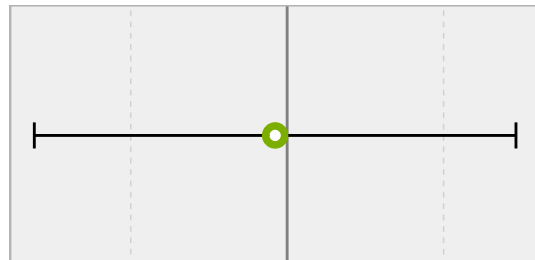
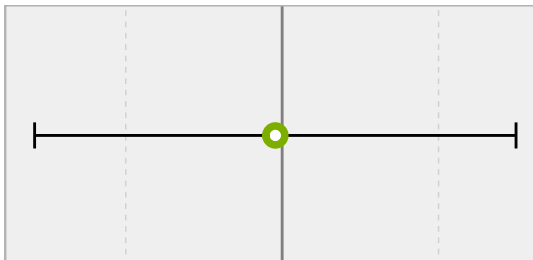
versicolor

virginica

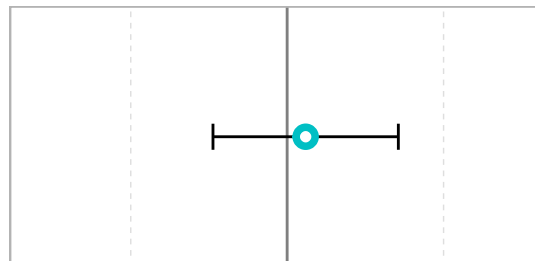
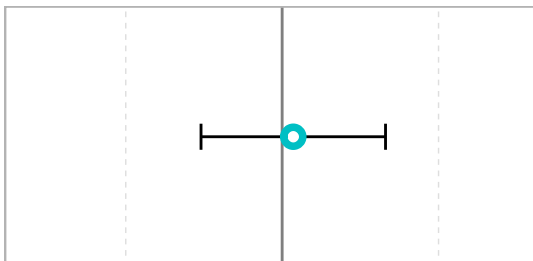
Sepal.Length



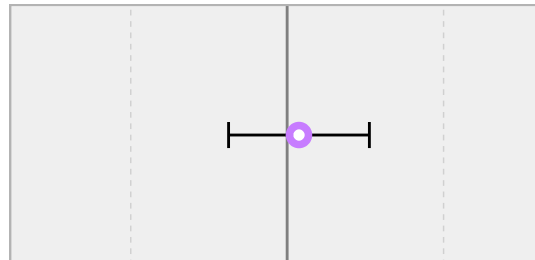
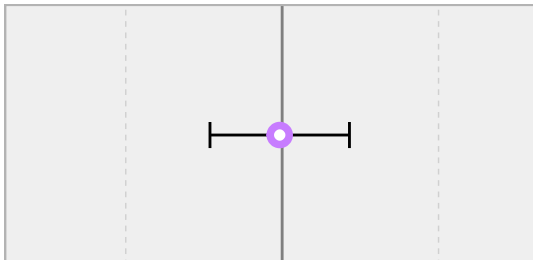
Sepal.Width



Petal.Length



Petal.Width



-200

0

200

log(OR)

-200

0

200



$p = 0.05$

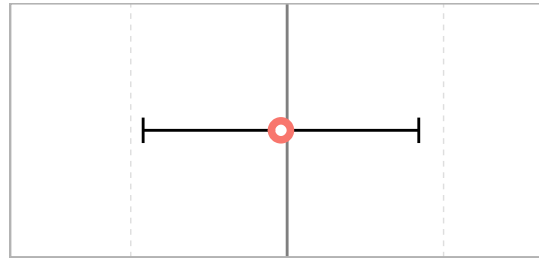
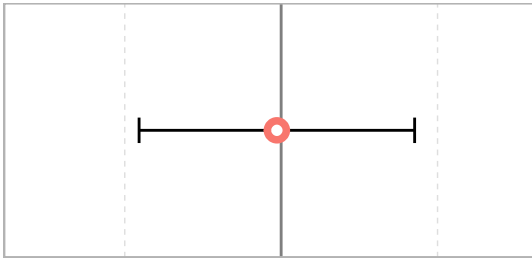


$p > 0.05$

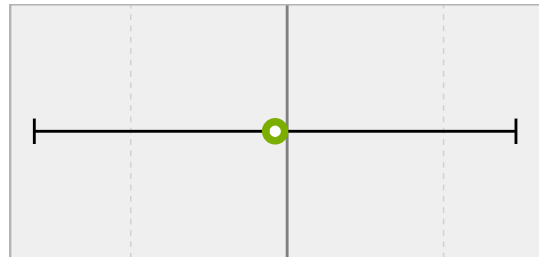
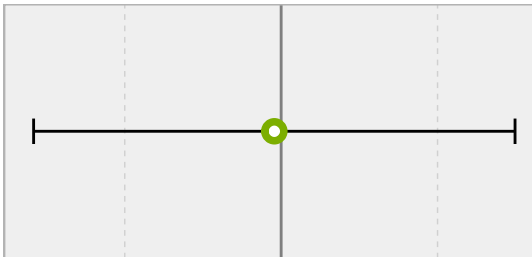
versicolor  
(ref: setosa)

NA

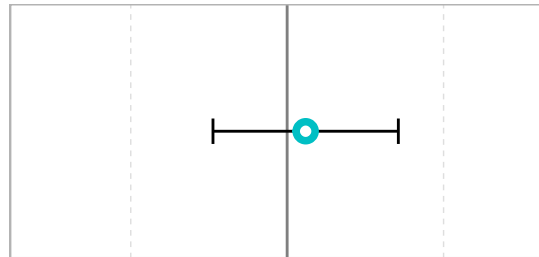
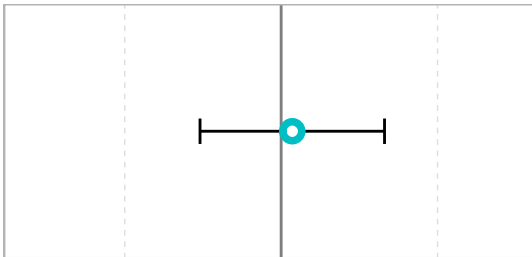
Sepal.Length



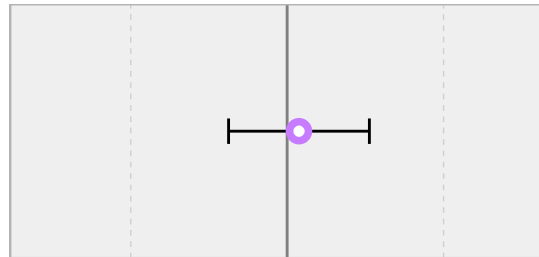
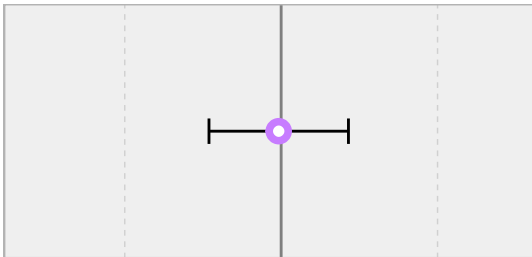
Sepal.Width



Petal.Length



Petal.Width



-200

0

200

log(OR)

-200

0

200

●  $p = 0.05$  ○  $p > 0.05$