

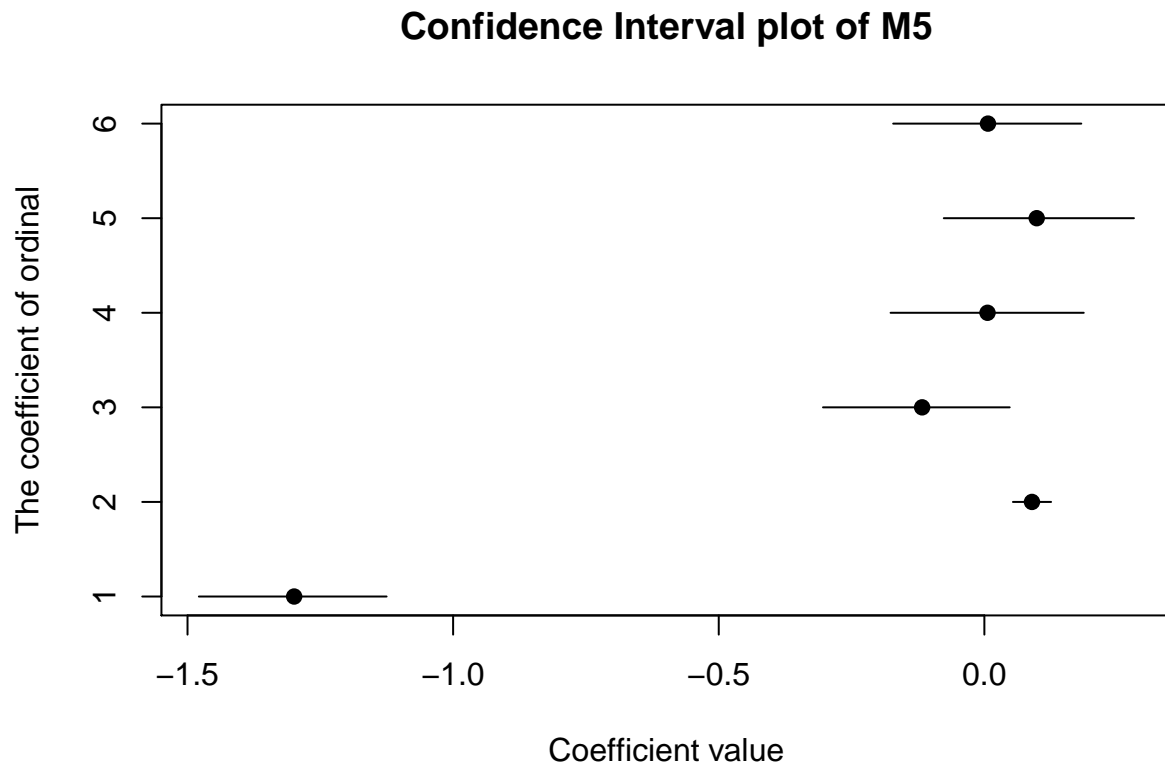
# CI plot

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```
# load models
load("M5.RData")
load("M6.RData")

# CI plot
## M5
ci5 <- posterior_interval(M5,prob = 0.95)
coef5 <- M5$coefficients
plot(range(ci5),c(1,6), type = "n",xlab = "Coefficient value", ylab = "The coefficient of ordinal")
title(main = "Confidence Interval plot of M5")
for (i in 1:6) {
  lines(ci5[i,],c(i,i))
  points(x=coef5[i],y=i, pch=19)
}
```



```
## M6
ci6 <- posterior_interval(M6,prob = 0.95)
coef6 <- M6$coefficients
plot(range(ci6),c(1,3), type = "n",xlab = "Coefficient value", ylab = "The coefficient of ordinal")
title(main = "Confidence Interval plot of M6")
for (i in 1:3) {
  lines(ci6[i,],c(i,i))
  points(x=coef6[i],y=i, pch=19)
}
```

