

# Untitled

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## R Markdown

```
library(e1071)
x = c(-3,-2,-1,1,2,3)
y = as.factor(x > 0)
model = svm(x, y, scale=FALSE, kernel = 'linear', probability = TRUE)
x_pred = seq(-3,3,0.1)
res = predict(model, x_pred, probability = TRUE)
#I guess there is a more elegant way to get the attributes
probs = attributes(res)$probabilities
plot(x_pred, probs[,2])
```

