Recall

Precision

Precision/Recall Curve for MultinomialNB

PR for class draw (area=0.13)
PR for class loss (area=0.31)
PR for class win (area=0.72)
Avg. precision=0.64

f₁ = 0.2
f₁ = 0.4
f₁ = 0.6
f₁ = 0.8