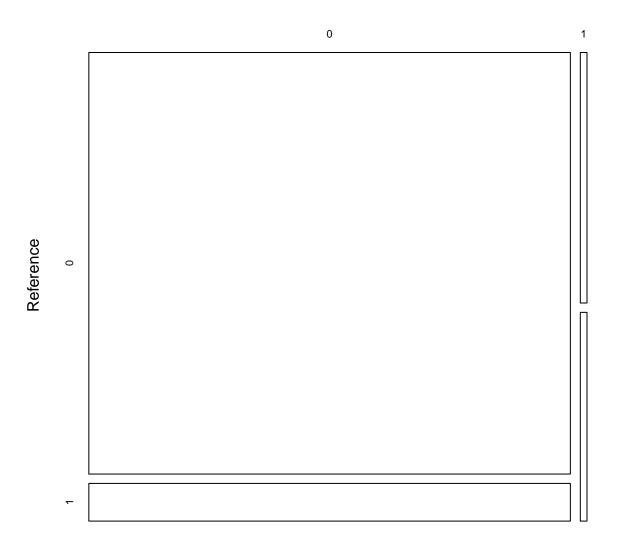**Probit Confusion Matrix: Accuracy = 0.9116**