HW9.R

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Homework 9

```
rm(list=ls())
set.seed(513)
```

Data pre-processing

```
cancerData=read.csv("/Users/davidfu/Downloads/wisc_bc_ContinuousVar.csv", header=TRUE)

cancerData <- na.omit(cancerData)
   cancerData$diagnosis <- as.factor(cancerData$diagnosis)
   cancerData$diagnosis <- as.numeric(cancerData$diagnosis)

# create test and training dataset
index <- seq (1,nrow(cancerData),by=5)
test<-cancerData[index,]
training<-cancerData[-index,]
library('e1071')

svm.model <- svm( diagnosis~ ., data =training )
svm.pred <- predict(svm.model, test )

table(actual=test[,5],svm.pred )</pre>
```

```
##
          svm.pred
## actual 0.876924778172117 0.891491268501024 0.904481572128861 0.907035417292919
##
    54.42
                           0
                                              0
                                                                 0
                                                                                    0
    54.53
##
                            0
                                              0
                                                                 0
                                                                                    0
##
    59.96
                                              0
                                                                                    0
                           0
                                                                 0
##
     61.24
                            0
                                              0
                                                                 0
##
    61.49
                           0
                                              0
                                                                 0
                                                                                    0
##
     62.5
                            0
                                              0
                                                                 0
                                                                                    0
##
     63.19
                           0
                                              0
                                                                 0
                                                                                    0
##
     63.76
                            0
                                              0
                                                                 0
                                                                                    0
                                              0
##
    64.12
                            0
                                                                 0
                                                                                    0
##
    64.55
                            0
                                              0
                                                                 0
                                                                                    0
                                              0
##
     65.67
                           0
                                                                 0
                                                                                    0
    65.75
##
```

##	66.2	0	0	0	0
##	66.52	0	1	0	0
##	66.72	0	0	0	0
##	68.51	0	0	0	0
##	70.39	0	0	0	0
##	71.73	0	0	0	0
##	72.49	0	0	0	0
##	72.76	0	0	0	0
##	73.16	0	0	0	0
##	73.34	0	0	0	0
##	73.7	0	0	0	0
##	73.81	0	0	0	0
##	74.2	0	0	0	0
##	74.23	0	0	0	0
##	74.33	0	0	0	0
##	74.65	1	0	0	0
##	74.72	0	0	0	0
##	75.89	0	0	0	0
##	76.1	0	0	0	0
##	76.2	0	0	0	0
##	76.31	0	0	0	1
##	76.39	0	0	0	0
##	76.53	0	0	0	0
##	76.83	0	0	0	0
##	77.61	0	0	0	0
##	78.11	0	0	0	0
##	78.18	0	0	0	0
##	78.27	0	0	0	0
##	78.29	0	0	0	0
##	78.54	0	0	0	0
##	78.85	0	0	1	0
##	79.08	0	0	0	0
##	79.19	0	0	0	0
##	79.42	0	0	0	0
##	79.83	0	0	0	0
##	81.25	0	0	0	0
##	81.72	0	0	0	0
##	81.92	0	0	0	0
##	82.53	0	0	0	0
##	82.57	0	0	0	0
##	82.85	0	0	0	0
##	82.89	0	0	0	0
##	83.51	0	0	0	0
##	85.63	0	0	0	0
##	86.18	0	0	0	0
##	86.34	0	0	0	0
##	86.87	0	0	0	0
##	87.19	0	0	0	0
##	87.21	0	0	0	0
##	87.38	0	0	0	0
##	87.88	0	0	0	0
##	88.05	0	0	0	0
##	88.06	0	0	0	0
##	88.44	0	0	0	0
	·	-	-	-	•

##	89.75	0	0	0	0
##	89.79	0	0	0	0
##	90.3	0	0	0	0
##	90.96	0	0	0	0
##	91.12	0	0	0	0
##	91.38	0	0	0	0
##	91.43	0	0	0	0
##	92.51	0	0	0	0
##	93.97	0	0	0	0
##	94.15	0	0	0	0
##	94.37	0	0	0	0
##	94.57	0	0	0	0
##	95.5	0	0	0	0
##	96.03	0	0	0	0
##	96.12	0	0	0	0
##	96.73	0	0	0	0
##	97.4	0	0	0	0
##	98.73	0	0	0	0
##	98.78	0	0	0	0
##	102.1	0	0	0	0
##	102.7	0	0	0	0
##	104.1	0	0	0	0
##	105.8	0	0	0	0
##	106.3	0	0	0	0
##	109	0	0	0	0
##	110.1	0	0	0	0
##	111.2	0	0	0	0
##	111.8	0	0	0	0
##	113.4	0	0	0	0
##	116	0	0	0	0
##	121.1	0	0	0	0
##	122.8	0	0	0	0
##	123.6	0	0	0	0
##	123.7	0	0	0	0
##	124.4	0	0	0	0
##	124.8	0	0	0	0
##	126.2	0	0	0	0
##	129.5	0	0	0	0
##	131.2	0	0	0	0
##	132.4	0	0	0	0
##	132.9	0	0	0	0
##	133.8	0	0	0	0
##	134.7	0	0	0	0
##	135.7	0	0	0	0
##	137.8	0	0	0	0
##	138.9	0	0	0	0
##	182.1	0	0	0	0
##	svm.pre	ed			
##		49868583569 0.93632	8269506322 0.937926	3100856576 0.938562	299818969
##	54.42	0	0	0	0
##	54.53	0	0	0	0
##					
	59.96	0	0	0	0
##	59.96 61.24 61.49	0	0 0	0	0

##	62.5	0	0	0	0
##	63.19	0	0	0	0
##	63.76	0	0	0	0
##	64.12	0	0	0	0
##	64.55	0	0	0	0
##	65.67	0	0	0	0
##	65.75	0	0	0	0
##	66.2	0	0	0	0
##	66.52	0	0	0	0
##	66.72	0	0	0	0
##	68.51	0	0	0	0
##	70.39	0	0	0	0
##	71.73	0	0	0	0
##	72.49	0	0	0	0
##	72.76	0	0	0	0
##	73.16	0	0	0	0
##	73.34	0	0	0	0
##	73.7	0	0	0	0
##	73.81	0	0	0	0
##	74.2	0	0	0	0
##	74.23	0	0	0	0
##	74.33	0	0	0	0
##	74.65	0	0	0	0
##	74.72	0	0	0	0
##	75.89	0	0	0	0
##	76.1	0	0	0	0
##	76.2	0	0	0	0
##	76.31	0	0	0	0
##	76.39	0	0	0	0
##	76.53	0	0	0	0
##	76.83	0	0	0	0
##	77.61	0	0	0	0
##	78.11	0	0	0	1
##	78.18	0	0	0	0
##	78.27	0	0	0	0
##	78.29	0	0	0	0
##	78.54	0	0	0	0
##	78.85	0	0	0	0
##	79.08	0	1	0	0
##	79.19	0	0	0	0
##	79.19	0	0	0	0
##	79.83	0	0	0	0
					0
##	81.25	0	0	1	
##	81.72	0	0	0	0
##	81.92	0	0	0	0
##	82.53	0	0	0	0
##	82.57	0	0	0	0
##	82.85	0	0	0	0
##	82.89	0	0	0	0
##	83.51	0	0	0	0
##	85.63	0	0	0	0
##	86.18	0	0	0	0
##	86.34	0	0	0	0
##	86.87	0	0	0	0

##	87.19	0	0	0	0
##	87.21	0	0	0	0
##	87.38	0	0	0	0
##	87.88	0	0	0	0
##	88.05	0	0	0	0
##	88.06	1	0	0	0
##	88.44	0	0	0	0
##	89.75	0	0	0	0
##	89.79	0	0	0	0
##	90.3	0	0	0	0
##	90.96	0	0	0	0
##	91.12	0	0	0	0
##	91.38	0	0	0	0
##	91.43	0	0	0	0
##	92.51	0	0	0	0
##	93.97	0	0	0	0
##	94.15	0	0	0	0
##	94.37	0	0	0	0
##	94.57	0	0	0	0
##	95.5	0	0	0	0
##	96.03	0	0	0	0
##	96.12	0	0	0	0
##	96.73	0	0	0	0
##	97.4	0	0	0	0
##	98.73	0	0	0	0
##	98.78	0	0	0	0
##	102.1	0	0	0	0
##	102.7	0	0	0	0
##	104.1	0	0	0	0
##	105.8	0	0	0	0
##	106.3	0	0	0	0
##	109	0	0	0	0
##	110.1	0	0	0	0
##	111.2	0	0	0	0
##	111.8	0	0	0	0
##	113.4	0	0	0	0
##	116	0	0	0	0
##	121.1	0	0	0	0
##	122.8	0	0	0	0
##	123.6	0	0	0	0
##	123.7	0	0	0	0
##	124.4	0	0	0	0
##	124.8	0	0	0	0
##	126.2	0	0	0	0
##	129.5	0	0	0	0
##	131.2	0	0	0	0
##	132.4	0	0	0	0
##	132.9	0	0	0	0
##	133.8	0	0	0	0
##	134.7	0	0	0	0
##	135.7	0	0	0	0
##	137.8	0	0	0	0
##	138.9	0	0	0	0
##	182.1	0	0	0	0
			-		-

##	arm na	rod			
##	svm.pr actual 0.944		0.947996641230718	0 0/8760//73/8278	0 950163764280572
##	54.42	0	0.947990041230710	0.940700447340270	0.930103704200372
##	54.53	0	0	0	0
##	59.96	0	0	0	0
##	61.24	0	0	0	0
##	61.49	0	0	0	0
##	62.5	0	0	0	0
##	63.19	0	0	0	0
##	63.76	0	0	0	0
##	64.12	0	0	0	0
##	64.55	0	0	0	0
##	65.67	0	0	0	0
##	65.75	0	0	0	0
##	66.2	0	0	0	0
##	66.52	0	0	0	0
##	66.72	0	0	0	0
##	68.51	0	0	0	0
##	70.39	0	0	0	0
##	71.73	0	0	0	0
##	72.49	0	0	0	0
##	72.76	0	0	0	0
##	73.16	0	0	0	0
##	73.34	0	0	0	0
##	73.7	0	0	0	0
##	73.81	0	0	0	0
##	74.2	0	0	0	0
##	74.23	0	0	0	0
##	74.33	0	0	0	0
##	74.65	0	0	0	0
##	74.72	0	0	0	0
##	75.89	0	0	0	0
##	76.1	0	0	0	0
##	76.2	0	0	0	0
##	76.31	0	0	0	0
##	76.39	0	0	0	0
##	76.53	0	0	0	0
## ##	76.83 77.61	0	1 0	0	0
##	78.11	0	0	0	0
##	78.18	0	0	0	0
##	78.27	0	0	0	0
##	78.29	0	0	0	0
##	78.54	0	0	0	0
##	78.85	0	0	0	0
##	79.08	0	0	0	0
##	79.19	0	0	0	0
##	79.42	0	0	0	0
##	79.83	0	0	0	0
##	81.25	0	0	0	0
##	81.72	0	0	0	0
##	81.92	0	0	0	0
##	82.53	0	0	1	0
##	82.57	0	0	0	0

##	82.85	0	0	0	0
##	82.89	1	0	0	0
##	83.51	0	0	0	0
##	85.63	0	0	0	0
##	86.18	0	0	0	0
##	86.34	0	0	0	0
##	86.87	0	0	0	0
##	87.19	0	0	0	0
##	87.21	0	0	0	0
##	87.38	0	0	0	0
##	87.88	0	0	0	0
##	88.05	0	0	0	0
##	88.06	0	0	0	0
##	88.44	0	0	0	0
##	89.75	0	0	0	1
##	89.79	0	0	0	0
##	90.3	0	0	0	0
##	90.96	0	0	0	0
##	91.12	0	0	0	0
##	91.38	0	0	0	0
##	91.43	0	0	0	0
##	92.51	0	0	0	0
##	93.97	0	0	0	0
##	94.15	0	0	0	0
##	94.37	0	0	0	0
##	94.57	0	0	0	0
##	95.5	0	0	0	0
##	96.03	0	0	0	0
##	96.12 96.73	0	0	0	0
## ##	96.73 97.4	0	0	0	0
##	98.73	0	0	0	0
##	98.78	0	0	0	0
##	102.1	0	0	0	0
##	102.7	0	0	0	0
##	104.1	0	0	0	0
##	105.8	0	0	0	0
##	106.3	0	0	0	0
##	109	0	0	0	0
##	110.1	0	0	0	0
##	111.2	0	0	0	0
##	111.8	0	0	0	0
##	113.4	0	0	0	0
##	116	0	0	0	0
##	121.1	0	0	0	0
##	122.8	0	0	0	0
##	123.6	0	0	0	0
##	123.7	0	0	0	0
##	124.4	0	0	0	0
##	124.8	0	0	0	0
##	126.2	0	0	0	0
##	129.5	0	0	0	0
##	131.2	0	0	0	0
##	132.4	0	0	0	0

##	132.9	0	0	0	0
##	133.8	0	0	0	0
##	134.7	0	0	0	0
##	135.7	0	0	0	0
##	137.8	0	0	0	0
##	138.9	0	0	0	0
##	182.1	0	0	0	0
##		wm.pred			
##			0.958128863892067	0.959972512122011	0.962108790198968
##	54.42	0	0	0	0
##	54.53	0	0	0	0
##	59.96	0	0	0	0
##	61.24	0	0	0	0
##	61.49	0	0	0	0
##	62.5	1	0	0	0
##	63.19	0	0	0	0
##	63.76	0	0	0	0
##	64.12	0	0	0	0
##	64.55	0	0	0	0
##	65.67	0	0	0	0
##	65.75	0	0	0	0
##	66.2	0	0	0	1
##	66.52	0	0	0	0
##	66.72	0	0	0	0
##	68.51	0	0	0	0
##	70.39	0	0	0	0
##	71.73	0	0	0	0
##	72.49	0	0	0	0
##	72.76 73.16	0	0	0	0
##	73.16	0	0	0	0
##	73.34	0	0	0	0
##	73.81	0	0	0	0
##	74.2	0	0	0	0
##	74.23	0	1	0	0
##	74.33	0	0	0	0
##	74.65	0	0	0	0
##	74.72	0	0	0	0
##	75.89	0	0	0	0
##	76.1	0	0	0	0
##	76.2	0	0	0	0
##	76.31	0	0	0	0
##	76.39	0	0	0	0
##	76.53	0	0	0	0
##	76.83	0	0	0	0
##	77.61	0	0	0	0
##	78.11	0	0	0	0
##	78.18	0	0	0	0
##	78.27	0	0	0	0
##	78.29	0	0	0	0
##	78.54	0	0	0	0
##	78.85	0	0	0	0
##	79.08	0	0	0	0
##	79.19	0	0	0	0

##	79.42	0	0	0	0
##	79.83	0	0	0	0
##	81.25	0	0	0	0
##	81.72	0	0	0	0
##	81.92	0	0	0	0
##	82.53	0	0	0	0
##	82.57	0	0	0	0
##	82.85	0	0	0	0
##	82.89	0	0	0	0
##	83.51	0	0	0	0
##	85.63	0	0	0	0
##	86.18	0	0	0	0
##	86.34	0	0	0	0
##	86.87	0	0	0	0
##	87.19	0	0	0	0
##	87.21	0	0	0	0
##	87.38	0	0	0	0
##	87.88	0	0	1	0
##	88.05	0	0	0	0
##	88.06	0	0	0	0
##	88.44	0	0	0	0
##	89.75	0	0	0	0
##	89.79	0	0	0	0
##	90.3	0	0	0	0
##	90.96	0	0	0	0
##	91.12	0	0	0	0
##	91.38	0	0	0	0
##	91.43	0	0	0	0
##	92.51	0	0	0	0
##	93.97	0	0	0	0
##	94.15	0	0	0	0
##	94.37	0	0	0	0
##	94.57	0	0	0	0
##	95.5	0	0	0	0
##	96.03	0	0	0	0
##	96.12	0	0	0	0
##	96.73	0	0	0	0
##	97.4	0	0	0	0
##	98.73	0	0	0	0
##	98.78	0	0	0	0
##	102.1	0	0	0	0
##	102.7	0	0	0	0
##	104.1	0	0	0	0
##	105.8	0	0	0	0
##	106.3	0	0	0	0
##	109	0	0	0	0
##	110.1	0	0	0	0
##	111.2	0	0	0	0
##	111.8	0	0	0	0
##	113.4	0	0	0	0
##	116	0	0	0	0
##	121.1	0	0	0	0
##	122.8	0	0	0	0
##	123.6	0	0	0	0

##	123.7	0	0	0	0
##	124.4	0	0	0	0
##	124.8	0	0	0	0
##	126.2	0	0	0	0
##	129.5	0	0	0	0
##	131.2	0	0	0	0
##	132.4	0	0	0	0
##	132.9	0	0	0	0
##	133.8	0	0	0	0
##	134.7	0	0	0	0
##	135.7	0	0	0	0
##	137.8	0	0	0	0
##	138.9	0	0	0	0
##	182.1	0	0	0	0
##		svm.pred			
##	actual	0.962470664373223	0.962485667876503	0.963003317011395	0.963328796341232
##	54.42	0	0	0	0
##	54.53	0	0	0	0
##	59.96	0	0	0	0
##	61.24	0	0	0	0
##	61.49	0	0	0	0
##	62.5	0	0	0	0
##	63.19	0	0	0	0
##	63.76	0	0	0	0
##	64.12	0	0	0	0
##	64.55	0	0	0	0
##	65.67	0	0	0	0
##	65.75	0	0	0	0
##	66.2	0	0	0	0
##	66.52	0	0	0	0
##	66.72	0	0	0	0
##	68.51	0	0	0	0
##	70.39	0	0	0	0
##	71.73	0	0	0	0
##	72.49	0	0	0	0
##	72.76	0	0	0	0
##	73.16	0	0	0	0
##	73.34	0	0	0	0
##	73.7	0	0	0	0
##	73.81	0	0	0	0
##	74.2	0	0	1	0
##	74.23	0	0	0	0
##	74.33	1	0	0	0
##	74.65	0	0	0	0
##	74.72	0	0	0	0
##	75.89	0	0	0	0
##	76.1	0	0	0	0
##	76.2	0	0	0	0
##	76.31	0	0	0	0
##	76.39	0	0	0	0
##	76.53	0	0	0	0
##	76.83	0	0	0	0
##	77.61	0	0	0	0
##	78.11	0	0	0	0

##	78.18	0	0	0	0
##	78.27	0	0	0	0
##	78.29	0	1	0	0
##	78.54	0	0	0	0
##	78.85	0	0	0	0
##	79.08	0	0	0	0
##	79.19	0	0	0	0
##	79.42	0	0	0	0
##	79.42				
##	81.25	0	0	0	0
		0	0	0	0
##	81.72	0	0	0	0
##	81.92	0	0	0	0
##	82.53	0	0	0	0
##	82.57	0	0	0	0
##	82.85	0	0	0	0
##	82.89	0	0	0	0
##	83.51	0	0	0	0
##	85.63	0	0	0	0
##	86.18	0	0	0	0
##	86.34	0	0	0	0
##	86.87	0	0	0	0
##	87.19	0	0	0	0
##	87.21	0	0	0	0
##	87.38	0	0	0	1
##	87.88	0	0	0	0
##	88.05	0	0	0	0
##	88.06	0	0	0	0
##	88.44	0	0	0	0
##	89.75	0	0	0	0
##	89.79	0		0	0
	90.3		0		
##		0	0	0	0
##	90.96	0	0	0	0
##	91.12	0	0	0	0
##	91.38	0	0	0	0
##	91.43	0	0	0	0
##	92.51	0	0	0	0
##	93.97	0	0	0	0
##	94.15	0	0	0	0
##	94.37	0	0	0	0
##	94.57	0	0	0	0
##	95.5	0	0	0	0
##	96.03	0	0	0	0
##	96.12	0	0	0	0
##	96.73	0	0	0	0
##	97.4	0	0	0	0
##	98.73	0	0	0	0
##	98.78	0	0	0	0
##	102.1	0	0	0	0
##	102.7	0	0	0	0
##	104.1	0	0	0	0
##	105.8	0	0	0	0
##	106.3	0	0	0	0
##	109	0	0	0	0
##	110.1	0	0	0	0
##	110.1	U	U	U	U

##	111.2	0	0	0	0
##	111.8	0	0	0	0
##	113.4	0	0	0	0
##	116	0	0	0	0
##	121.1	0	0	0	0
##	122.8	0	0	0	0
##	123.6	0	0	0	0
##	123.7	0	0	0	0
##	124.4	0	0	0	0
##	124.8	0	0	0	0
##	126.2	0	0	0	0
##	129.5	0	0	0	0
##	131.2	0	0	0	0
##	132.4	0	0	0	0
##	132.9	0	0	0	0
##	133.8	0	0	0	0
##	134.7	0	0	0	0
##	135.7	0	0	0	0
##	137.8	0	0	0	0
##	138.9	0	0	0	0
##	182.1	0	0	0	0
##		svm.pred	v	v	v
##			0.970537832404234	0 971950053890713	0 97900322232581
##	54.42	0.504457240571720	0.570557052404254	0.571550055050715	0.37300322232301
##	54.53	0	0	0	0
##	59.96	0	0	0	0
##	61.24	0	0	0	0
##	61.49	0	0	0	0
##	62.5	0	0	0	0
##	63.19	0	0	0	
##	63.19	0	0	0	0
					0
##	64.12	0	0	0	0
##	64.55	0	0	0	0
##	65.67	0	0	0	0
##	65.75	0	0	0	0
##	66.2	0	0	0	0
##	66.52	0	0	0	0
##	66.72	0	0	0	0
##	68.51	0	0	0	0
##	70.39	0	0	0	0
##	71.73	0	0	0	0
##	72.49	0	0	0	0
##	72.76	0	0	0	0
##	73.16	0	0	0	0
##	73.34	0	0	0	0
##	73.7	0	0	0	0
##	73.81	0	0	0	0
##	74.2	0	0	0	0
##	74.23	0	0	0	0
##	74.33	0	0	0	0
##	74.65	0	0	0	0
##	74.72	0	0	1	0
##	75.89	0	0	0	0
##	76.1	0	0	0	0

##	76.2	0	0		0
##	76.31	0	0	0	0
##	76.39	0	0	0	0
##	76.53	0	0	0	0
##	76.83	0	0	0	0
##	77.61	0	0	0	0
##	78.11	0	0	0	0
##	78.18	0	0		0
##	78.27	0	1		0
##	78.29	0	0		0
##	78.54	0	0		0
##	78.85	0	0		0
##	79.08	0	0		0
##	79.19	0	0		0
##	79.19				0
		0	0		
##	79.83	1	0		0
##	81.25	0	0		0
##	81.72	0	0		0
##	81.92	0	0		0
##	82.53	0	0		0
##	82.57	0	0		0
##	82.85	0	0		0
##	82.89	0	0		0
##	83.51	0	0		0
##	85.63	0	0	0	1
##	86.18	0	0	0	0
##	86.34	0	0	0	0
##	86.87	0	0	0	0
##	87.19	0	0	0 (0
##	87.21	0	0	0	0
##	87.38	0	0	0	0
##	87.88	0	0	0	0
##	88.05	0	0	0	0
##	88.06	0	0		0
##	88.44	0	0		0
##	89.75	0	0		0
##	89.79	0	0		0
##	90.3	0	0		0
##	90.96	0	0		0
##	91.12	0	0		0
##	91.38	0	0		0
##	91.43	0	0		0
##	92.51	0	0		0
##	93.97	0	0		0
##	94.15	0	0		0
##	94.13	0	0		
					0
##	94.57	0	0		0
##	95.5	0	0		0
##	96.03	0	0		0
##	96.12	0	0		0
##	96.73	0	0		0
##	97.4	0	0		0
##	98.73	0	0		0
##	98.78	0	0	0	0

##	102.1	0	0	0	0
##		0	0	0	0
##	102.7	0	0	0	0
##	104.1	0	0	0	0
##	105.8	0	0	0	0
##	106.3	0	0	0	0
##	109	0	0	0	0
##	110.1	0	0	0	0
##	111.2	0	0	0	0
##	111.8	0	0	0	0
##	113.4	0	0	0	0
##	116	0	0	0	0
##	121.1	0	0	0	0
##	122.8	0	0	0	0
##	123.6	0	0	0	0
##	123.7	0	0	0	0
##	124.4	0	0	0	0
##	124.4	0	0	0	0
##	126.2	0	0	0	0
##	129.5	0	0	0	0
##	131.2	0	0	0	0
##	132.4	0	0	0	0
##	132.9	0	0	0	0
##	133.8	0	0	0	0
##	134.7	0	0	0	0
##	135.7	0	0	0	0
##	137.8	0	0	0	0
##	138.9	0	0	0	0
##	182.1	0	0	0	0
## ##			0	0	0
##	S	svm.pred			
##	actual	svm.pred 0.982111784339124	0.982533980240237	0.986204074294001	0.989767365133794
## ## ##	actual 54.42	svm.pred 0.982111784339124 0	0.982533980240237	0.986204074294001	0.989767365133794
## ## ## ##	actual 54.42 54.53	svm.pred 0.982111784339124 0 0	0.982533980240237 0 0	0.986204074294001 0 0	0.989767365133794
## ## ## ##	actual 54.42 54.53 59.96	svm.pred 0.982111784339124 0 0 0	0.982533980240237 0 0 0	0.986204074294001 0 0 0	0.989767365133794 0 0 0
## ## ## ## ##	actual 54.42 54.53 59.96 61.24	o.982111784339124 0.982111784339124 0 0 0	0.982533980240237 0 0 0 0	0.986204074294001 0 0 0 0	0.989767365133794 0 0 0 0
## ## ## ## ## ##	actual 54.42 54.53 59.96 61.24 61.49	o.982111784339124 0.982111784339124 0 0 0 0	0.982533980240237 0 0 0 0 0	0.986204074294001 0 0 0 0 0	0.989767365133794 0 0 0 0 0
## ## ## ## ## ##	actual 54.42 54.53 59.96 61.24 61.49 62.5	svm.pred 0.982111784339124 0 0 0 0 0	0.982533980240237 0 0 0 0 0 0	0.986204074294001 0 0 0 0 0 0	0.989767365133794 0 0 0 0 0 0
## ## ## ## ## ##	actual 54.42 54.53 59.96 61.24 61.49 62.5 63.19	svm.pred 0.982111784339124 0 0 0 0 0 0 0	0.982533980240237 0 0 0 0 0 0 0	0.986204074294001 0 0 0 0 0 0 0	0.989767365133794 0 0 0 0 0 0 0
## ## ## ## ## ## ##	actual 54.42 54.53 59.96 61.24 61.49 62.5 63.19 63.76	svm.pred 0.982111784339124 0 0 0 0 0 0 0	0.982533980240237 0 0 0 0 0 0 0 0	0.986204074294001 0 0 0 0 0 0 0 0	0.989767365133794 0 0 0 0 0 0 0 0
## ## ## ## ## ## ##	actual 54.42 54.53 59.96 61.24 61.49 62.5 63.19 63.76 64.12	o.982111784339124 0.982111784339124 0 0 0 0 0 0 0	0.982533980240237 0 0 0 0 0 0 0 0 0	0.986204074294001 0 0 0 0 0 0 0 0	0.989767365133794 0 0 0 0 0 0 0 0
## ## ## ## ## ## ##	actual 54.42 54.53 59.96 61.24 61.49 62.5 63.19 63.76 64.12 64.55	o.982111784339124 0.982111784339124 0 0 0 0 0 0 0 0	0.982533980240237 0 0 0 0 0 0 0 0 0	0.986204074294001 0 0 0 0 0 0 0 0 0	0.989767365133794 0 0 0 0 0 0 0 0 0
## ## ## ## ## ## ## ##	actual 54.42 54.53 59.96 61.24 61.49 62.5 63.19 63.76 64.12 64.55 65.67	o.982111784339124 0.982111784339124 0 0 0 0 0 0 0 0	0.982533980240237 0 0 0 0 0 0 0 0 0 0 0 0	0.986204074294001 0 0 0 0 0 0 0 0 0 0	0.989767365133794 0 0 0 0 0 0 0 0 0 0
## ## ## ## ## ## ## ##	actual 54.42 54.53 59.96 61.24 61.49 62.5 63.19 63.76 64.12 64.55 65.67 65.75	o.982111784339124 0.982111784339124 0 0 0 0 0 0 0 0 0 0	0.982533980240237 0 0 0 0 0 0 0 0 0 0 0 0 0	0.986204074294001 0 0 0 0 0 0 0 0 0 0 0	0.989767365133794 0 0 0 0 0 0 0 0 0 0
## ## ## ## ## ## ## ## ## ## ## ## ##	actual 54.42 54.53 59.96 61.24 61.49 62.5 63.19 63.76 64.12 64.55 65.67 65.75 66.2	o.982111784339124 0.982111784339124 0 0 0 0 0 0 0 0 0 0	0.982533980240237 0 0 0 0 0 0 0 0 0 0 0 0 0	0.986204074294001 0 0 0 0 0 0 0 0 0 0 0	0.989767365133794 0 0 0 0 0 0 0 0 0 0 0 0 0
## ## ## ## ## ## ## ## ## ## ## ## ##	actual 54.42 54.53 59.96 61.24 61.49 62.5 63.19 63.76 64.12 64.55 65.67 65.75 66.2 66.52	o.982111784339124 0.982111784339124 0 0 0 0 0 0 0 0 0 0 0	0.982533980240237 0 0 0 0 0 0 0 0 0 0 0 0 0	0.986204074294001 0 0 0 0 0 0 0 0 0 0 0 0	0.989767365133794 0 0 0 0 0 0 0 0 0 0 0 0 0
## ## ## ## ## ## ## ## ## ## ## ## ##	actual 54.42 54.53 59.96 61.24 61.49 62.5 63.19 63.76 64.12 64.55 65.67 65.75 66.2 66.52 66.72	o.982111784339124 0.982111784339124 0 0 0 0 0 0 0 0 0 0 1 1 0 0	0.982533980240237 0 0 0 0 0 0 0 0 0 0 0 0 0	0.986204074294001 0 0 0 0 0 0 0 0 0 0 0 0 0	0.989767365133794 0 0 0 0 0 0 0 0 0 0 0 0 0
######################################	actual 54.42 54.53 59.96 61.24 61.49 62.5 63.19 63.76 64.12 64.55 65.67 65.75 66.2 66.52 66.72 68.51	o.982111784339124 0.982111784339124 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.982533980240237 0 0 0 0 0 0 0 0 0 0 0 0 0	0.986204074294001 0 0 0 0 0 0 0 0 0 0 0 0 0	0.989767365133794 0 0 0 0 0 0 0 0 0 0 0 0 0
## ## ## ## ## ## ## ## ## ## ## ## ##	actual 54.42 54.53 59.96 61.24 61.49 62.5 63.19 63.76 64.12 64.55 65.67 65.75 66.2 66.52 66.72 68.51 70.39	o.982111784339124 0.982111784339124 0 0 0 0 0 0 0 0 0 0 1 1 0 0	0.982533980240237 0 0 0 0 0 0 0 0 0 0 0 0 0	0.986204074294001 0 0 0 0 0 0 0 0 0 0 0 0 0	0.989767365133794 0 0 0 0 0 0 0 0 0 0 0 0 0
######################################	actual 54.42 54.53 59.96 61.24 61.49 62.5 63.19 63.76 64.12 64.55 65.67 65.75 66.2 66.52 66.72 68.51 70.39 71.73	o.982111784339124 0.982111784339124 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.982533980240237 0 0 0 0 0 0 0 0 0 0 0 0 0	0.986204074294001 0 0 0 0 0 0 0 0 0 0 0 0 0	0.989767365133794 0 0 0 0 0 0 0 0 0 0 0 0 0
## ## ## ## ## ## ## ## ## ## ## ## ##	actual 54.42 54.53 59.96 61.24 61.49 62.5 63.19 63.76 64.12 64.55 65.67 65.75 66.2 66.52 66.72 68.51 70.39	o.982111784339124 0.982111784339124 0 0 0 0 0 0 0 1 0 0 0 0 0	0.982533980240237 0 0 0 0 0 0 0 0 0 0 0 0 0	0.986204074294001 0 0 0 0 0 0 0 0 0 0 0 0 0	0.989767365133794 0 0 0 0 0 0 0 0 0 0 0 0 0
######################################	actual 54.42 54.53 59.96 61.24 61.49 62.5 63.19 63.76 64.12 64.55 65.67 65.75 66.2 66.52 66.72 68.51 70.39 71.73	svm.pred 0.982111784339124 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0	0.982533980240237 0 0 0 0 0 0 0 0 0 0 0 0 0	0.986204074294001 0 0 0 0 0 0 0 0 0 0 0 0 0	0.989767365133794 0 0 0 0 0 0 0 0 0 0 0 0 0
######################################	actual 54.42 54.53 59.96 61.24 61.49 62.5 63.19 63.76 64.12 64.55 65.67 65.75 66.2 66.52 66.52 66.72 68.51 70.39 71.73 72.49	svm.pred 0.982111784339124 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0	0.982533980240237 0 0 0 0 0 0 0 0 0 0 0 0 0	0.986204074294001 0 0 0 0 0 0 0 0 0 0 0 0 0	0.989767365133794 0 0 0 0 0 0 0 0 0 0 0 0 0
#######################################	actual 54.42 54.53 59.96 61.24 61.49 62.5 63.19 63.76 64.12 64.55 65.67 65.75 66.2 66.52 66.72 68.51 70.39 71.73 72.49 72.76	svm.pred 0.982111784339124 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0	0.982533980240237 0 0 0 0 0 0 0 0 0 0 0 0 0	0.986204074294001 0 0 0 0 0 0 0 0 0 0 0 0 0	0.989767365133794 0 0 0 0 0 0 0 0 0 0 0 0 0
#######################################	actual 54.42 54.53 59.96 61.24 61.49 62.5 63.19 63.76 64.12 64.55 65.67 65.75 66.2 66.52 66.52 66.72 68.51 70.39 71.73 72.49 72.76 73.16 73.34	svm.pred 0.982111784339124 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.982533980240237 0 0 0 0 0 0 0 0 0 0 0 0 0	0.986204074294001 0 0 0 0 0 0 0 0 0 0 0 0 0	0.989767365133794 0 0 0 0 0 0 0 0 0 0 0 0 0
##########################	actual 54.42 54.53 59.96 61.24 61.49 62.5 63.19 63.76 64.12 64.55 65.67 65.75 66.2 66.52 66.52 66.72 68.51 70.39 71.73 72.49 72.76 73.16	o.982111784339124 0.982111784339124 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.982533980240237 0 0 0 0 0 0 0 0 0 0 0 0 0	0.986204074294001 0 0 0 0 0 0 0 0 0 0 0 0 0	0.989767365133794 0 0 0 0 0 0 0 0 0 0 0 0 0

##	74.2	0	0	0	0
##	74.23	0	0	0	0
##	74.33	0	0	0	0
##	74.65	0	0	0	0
##	74.72	0	0	0	0
##	75.89	0	0	0	0
##	76.1	0	0	0	0
##	76.2	0	0	0	0
##	76.31	0	0	0	0
##	76.39	0	0	0	0
##	76.53	0	0	0	0
##	76.83	0	0	0	0
##	77.61	0	0	0	0
##	78.11	0	0	0	0
##	78.18	0	0	0	0
##	78.27	0	0	0	0
##	78.29	0	0	0	0
##	78.54	0	0	0	0
##	78.85	0	0	0	0
##	79.08	0	0	0	0
##	79.19	0	0	0	0
##	79.42	0	0	0	0
##	79.83	0	0	0	0
##	81.25	0	0	0	0
##	81.72	0	0	0	0
##	81.92	0	0	0	0
##	82.53	0	0	0	0
##	82.57	0	0	0	0
##	82.85	0	0	0	0
##	82.89	0	0	0	0
##	83.51	0	0	0	0
##	85.63	0	0	0	0
##	86.18	0	0	0	0
##	86.34	0	0	0	0
##	86.87	0	0	0	0
##	87.19	0	0	0	0
##	87.21	0	0	0	0
##	87.38	0	0	0	0
##	87.88	0	0	0	0
##	88.05	0	0	0	0
##	88.06	0	0	0	0
##	88.44	0	0	0	0
##	89.75	0	0	0	0
##	89.79	0	0	0	0
##	90.3	0	0	0	0
##	90.96	0	0	0	0
##	91.12	0	0	0	0
##	91.38	0	0	0	0
##	91.43	0	0	0	0
##	92.51	0	0	0	0
##	93.97	0	0	0	0
##	94.15	0	0	0	0
##	94.37	0	0	0	0
##	94.57	0	0	0	0

##	95.5	0	0	0	
##	96.03	0	0	0	
##	96.12	0	0	0	
##	96.73	0	0	0	
##	97.4	0	0	0	
##	98.73	0	0	0	
##	98.78	0	0	0	0
##	102.1	0	0	0	0
##	102.7	0	0	0	0
##	104.1	0	0	0	0
##	105.8	0	0	0	0
##	106.3	0	0	0	0
##	109	0	0	0	0
##	110.1	0	0	0	0
##	111.2	0	0	0	0
##	111.8	0	0	0	0
##	113.4	0	0	0	0
##	116	0	0	0	0
##	121.1	0	0	0	0
##	122.8	0	0	0	0
##	123.6	0	0	0	0
##	123.7	0	0	0	0
##	124.4	0	0	0	0
##	124.8	0	0	0	0
##	126.2	0	0	0	0
##	129.5	0	0	0	0
##	131.2	0	0	0	0
##	132.4	0	0	0	0
##	132.9	0	0	0	0
##	133.8	0	0	0	0
##	134.7	0	0	0	0
##	135.7	0	0	0	0
##	137.8	0	0	0	0
##	138.9	0	0	0	0
##	182.1	0	0	0	0
##	S	svm.pred			
##	actual	0.992617675318283	0.996282862155995	0.99729406596809	0.998184012079989
##	54.42	0	0	0	0
##	54.53	0	0	0	0
##	59.96	0	0	0	0
##	61.24	0	0	0	0
##	61.49	1	0	0	0
##	62.5	0	0	0	0
##	63.19	0	0	0	0
##	63.76	0	0	0	0
##	64.12	0	0	0	0
##	64.55	0	0	0	0
##	65.67	0	0	0	0
##	65.75	0	0	0	0
##	66.2	0	0	0	0
##	66.52	0	0	0	0
##	66.72	0	0	0	0
##	68.51	0	1	0	0
##	70.39	0	0	0	0

##	71.73	0	0	0	0
##	72.49	0	0	0	0
##	72.76	0	0	0	0
##	73.16	0	0	0	0
##	73.34	0	0	0	0
##	73.7	0	0	1	0
##	73.81	0	0	0	0
##	74.2	0	0	0	0
##	74.23	0	0	0	0
##	74.33	0	0	0	0
##	74.65	0	0	0	0
##	74.72	0	0	0	0
##	75.89	0	0	0	0
##	76.1	0	0	0	0
##	76.2	0	0	0	0
##	76.31	0	0	0	0
##	76.39	0	0	0	0
##	76.53	0	0	0	0
##	76.83	0	0	0	0
##	77.61	0	0	0	0
##	78.11	0	0	0	0
##	78.18	0	0	0	0
##	78.27	0	0	0	0
##	78.29	0	0	0	0
##	78.54	0	0	0	0
##	78.85	0	0	0	0
##	79.08	0	0	0	0
##	79.19	0	0	0	0
##	79.42	0	0	0	0
##	79.83	0	0	0	0
##	81.25	0	0	0	0
##	81.72	0	0	0	0
##	81.92	0	0	0	0
##	82.53	0	0	0	0
##	82.57	0	0	0	0
##	82.85	0	0	0	0
##	82.89	0	0	0	0
##	83.51	0	0	0	0
##	85.63	0	0	0	0
##	86.18	0	0	0	0
##	86.34	0	0	0	0
##	86.87	0	0	0	0
##	87.19	0	0	0	0
##	87.21	0	0	0	0
##	87.38	0	0	0	0
##	87.88	0	0	0	0
##	88.05	0	0	0	0
##	88.06	0	0	0	0
##	88.44	0	0	0	1
##	89.75	0	0	0	0
##	89.79	0	0	0	0
##	90.3	0	0	0	0
##	90.96	0	0	0	0
##	91.12	0	0	0	0
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##	91.38	0		0	0	0
##	91.43	0		0	0	0
##	92.51	0		0	0	0
##	93.97	0		0	0	0
##	94.15	0		0	0	0
##	94.37	0		0	0	0
##	94.57	0		0	0	0
##	95.5	0		0	0	0
##	96.03	0		0	0	0
##	96.12	0		0	0	0
##	96.73	0		0	0	0
##	97.4	0		0	0	0
##	98.73	0		0	0	0
##	98.78	0		0	0	0
##	102.1	0		0	0	0
##	102.7	0		0	0	0
##	104.1	0		0	0	0
##	105.8	0		0	0	0
##	106.3	0		0	0	0
##	109	0		0	0	0
##	110.1	0		0	0	0
##	111.2	0		0	0	0
##	111.8	0		0	0	0
##	113.4	0		0	0	0
##	116	0		0	0	0
##	121.1	0		0	0	0
##	122.8	0		0	0	0
##	123.6	0		0	0	0
##	123.7	0		0	0	0
##	124.4	0		0	0	0
##	124.8	0		0	0	0
##	126.2	0		0	0	0
##	129.5	0		0	0	0
##	131.2	0		0	0	0
##	132.4	0		0	0	0
##	132.9	0		0	0	0
##	133.8	0		0	0	0
##	134.7	0		0	0	0
##	135.7	0		0	0	0
##	137.8	0		0	0	0
##	138.9	0		0	0	0
##	182.1	0		0	0	0
##		pred				
##	actual 1.0	0121534414621 1.	00413321978015	1.00476732490182	1.00596714206307	
##	54.42	0	0	0	0	
##	54.53	0	0	0	0	
##	59.96	0	0	0	0	
##	61.24	0	0	0	0	
##	61.49	0	0	0	0	
##	62.5	0	0	0	0	
##	63.19	0	0	1	0	
##	63.76	0	0	0	0	
##	64.12	0	0	0	0	
##	64.55	0	0	0	0	

##	65.67	0	1	0	0
##	65.75	0	0	0	0
##	66.2	0	0	0	0
##	66.52	0	0	0	0
##	66.72	0	0	0	0
##	68.51	0	0	0	0
##	70.39	0	0	0	0
##	71.73	0	0	0	0
##	72.49	0	0	0	0
##	72.76	0	0	0	0
##	73.16	0	0	0	0
##	73.34	0	0	0	1
##	73.7	0	0	0	0
##	73.81	0	0	0	0
##	74.2	0	0	0	0
##	74.23	0	0	0	0
##	74.33	0	0	0	0
##	74.65	0	0	0	0
##	74.72	0	0	0	0
##	75.89 76.1	0	0	0	0
## ##	76.2	0	0	0	0
##	76.31	0	0	0	0
##	76.39	1	0	0	0
##	76.53	0	0	0	0
##	76.83	0	0	0	0
##	77.61	0	0	0	0
##	78.11	0	0	0	0
##	78.18	0	0	0	0
##	78.27	0	0	0	0
##	78.29	0	0	0	0
##	78.54	0	0	0	0
##	78.85	0	0	0	0
##	79.08	0	0	0	0
##	79.19	0	0	0	0
##	79.42	0	0	0	0
##	79.83	0	0	0	0
##	81.25	0	0	0	0
##	81.72	0	0	0	0
##	81.92	0	0	0	0
##	82.53	0	0	0	0
##	82.57	0	0	0	0
##	82.85	0	0	0	0
##	82.89	0	0	0	0
##	83.51	0	0	0	0
##	85.63	0	0	0	0
##	86.18	0	0	0	0
##	86.34	0	0	0	0
## ##	86.87 87.19	0	0	0	0
##	87.19 87.21	0	0	0	0
##	87.38	0	0	0	0
##	87.88	0	0	0	0
##	88.05	0	0	0	0
		•	•	-	-

		_	_	_	
##	88.06	0	0	0	0
##	88.44	0	0	0	0
##	89.75	0	0	0	0
##	89.79	0	0	0	0
##	90.3	0	0	0	0
##	90.96	0	0	0	0
##	91.12	0	0	0	0
##	91.38	0	0	0	0
##	91.43	0	0	0	0
##	92.51	0	0	0	0
##	93.97	0	0	0	0
##	94.15	0	0	0	0
##	94.37	0	0	0	0
##	94.57	0	0	0	0
##	95.5	0	0	0	0
##	96.03	0	0	0	0
##	96.12	0	0	0	0
##	96.73	0	0	0	0
##	97.4	0	0	0	0
##	98.73	0	0	0	0
##	98.78	0	0	0	0
##	102.1	0	0	0	0
##	102.7	0	0	0	0
##	104.1	0	0	0	0
##	105.8	0	0	0	0
##	106.3	0	0	0	0
##	109	0	0	0	0
##	110.1	0	0	0	0
##	111.2	0	0	0	0
##	111.8	0	0	0	0
##	113.4	0	0	0	0
##	116	0	0	0	0
##	121.1	0	0	0	0
##	122.8	0	0	0	0
##	123.6	0	0	0	0
##	123.7	0	0	0	0
##	124.4	0	0	0	0
##	124.4			0	0
##	124.0	0 0	0 0	0	0
##	120.2	0	0	0	0
##	131.2	0	0	0	0
	131.2				
##		0	0	0	0
##	132.9	0	0	0	0
##	133.8	0	0	0	0
##	134.7	0	0	0	0
##	135.7	0	0	0	0
##	137.8	0	0	0	0
##	138.9	0	0	0	0
##	182.1	0	0	0	0
##	svm.p		70FF07007 1 00000	00400460 4 0000===	2074 2042
##		112012605607 1.025617			
##	54.42	0	0	0	0
##	54.53	0	0	0	0
##	59.96	0	0	0	0

##	61.24	0	0	0	0
##	61.49	0	0	0	0
##	62.5	0	0	0	0
##	63.19	0	0	0	0
##	63.76	0	0	1	0
##	64.12	0	0	0	0
##	64.55	0	0	0	0
##	65.67	0	0	0	0
##	65.75	0	0	0	0
##	66.2	0	0	0	0
##	66.52	0	0	0	0
##	66.72	0	0	0	0
##	68.51	0	0	0	0
##	70.39	0	0	0	0
##	71.73	0	0	0	0
##	72.49	0	0	0	0
##	72.76				0
		0	0	0	
##	73.16	0	0	0	0
##	73.34	0	0	0	0
##	73.7	0	0	0	0
##	73.81	0	0	0	0
##	74.2	0	0	0	0
##	74.23	0	0	0	0
##	74.33	0	0	0	0
##	74.65	0	0	0	0
##	74.72	0	0	0	0
##	75.89	0	0	0	0
##	76.1	0	0	0	0
##	76.2	0	0	0	0
##	76.31	0	0	0	0
##	76.39	0	0	0	0
##	76.53	0	0	0	0
##	76.83	0	0	0	0
##	77.61	0	0	0	0
##	78.11	0	0	0	0
##	78.18	0	1	0	0
##	78.27	0	0	0	0
##	78.29	0	0	0	0
##	78.54	0	0	0	0
##	78.85	0	0	0	0
##	79.08	0	0	0	0
##	79.19	0	0	0	0
##	79.42	0	0	0	0
##	79.83	0	0	0	0
##	81.25	0	0	0	0
##	81.72	0	0	0	0
##	81.92	0	0	0	0
##	82.53	0	0	0	0
##	82.57	0	0	0	0
##	82.85	0	0	0	0
##	82.89	0	0	0	0
##	83.51	0	0	0	0
##	85.63	0	0	0	0
##	86.18	0	0	0	0

##	86.34	0	0	0	0
##	86.87	0	0	0	0
##	87.19	0	0	0	0
##	87.21	0	0	0	0
##	87.38	0	0	0	0
##	87.88	0	0	0	0
##	88.05	0	0	0	0
##	88.06	0	0	0	0
##	88.44	0	0	0	0
##	89.75	0	0	0	0
##	89.79	0	0	0	1
##	90.3	1	0	0	0
##	90.96	0	0	0	0
##	91.12	0	0	0	0
##	91.38	0	0	0	0
##	91.43	0	0	0	0
##	92.51	0	0	0	0
##	93.97	0	0	0	0
##	94.15	0	0	0	0
	94.37		0	0	0
##		0			
##	94.57	0	0	0	0
##	95.5	0	0	0	0
##	96.03	0	0	0	0
##	96.12	0	0	0	0
##	96.73	0	0	0	0
##	97.4	0	0	0	0
##	98.73	0	0	0	0
##	98.78	0	0	0	0
##	102.1	0	0	0	0
##	102.7	0	0	0	0
##	104.1	0	0	0	0
##	105.8	0	0	0	0
##	106.3	0	0	0	0
##	109	0	0	0	0
##	110.1	0	0	0	0
##	111.2	0	0	0	0
##	111.8	0	0	0	0
##	113.4	0	0	0	0
##	116	0	0	0	0
##	121.1	0	0	0	0
##	122.8	0	0	0	0
##	123.6	0	0	0	0
##	123.7	0	0	0	0
##	124.4	0	0	0	0
##	124.8	0	0	0	0
##	126.2	0	0	0	0
##	129.5	0	0	0	0
##	131.2	0	0	0	0
##	132.4	0	0	0	0
##	132.9	0	0	0	0
##	133.8	0	0	0	0
##	134.7	0	0	0	0
##	135.7	0	0	0	0
##	137.8	0	0	0	0

##	138.9	0	0	0	0
##	182.1	0	0	0	
##		svm.pred	_	_	-
##	actual		1.0454850684949	1.0467180122771	1.0550242693206
##	54.42	0	0	0	0
##	54.53	0	0	0	0
##	59.96	0	0	0	0
##	61.24	0	0	0	0
##	61.49	0	0	0	0
##	62.5	0	0	0	0
##	63.19	0	0	0	0
##	63.76	0	0	0	0
##	64.12	0	0	0	0
##	64.55	0	0	0	0
##	65.67	0	0	0	0
##	65.75	0	0	0	0
##	66.2	0	0	0	0
##	66.52	0	0	0	0
##	66.72	0	1	0	0
##	68.51	0	0	0	0
##	70.39	0	0	0	0
##	71.73 72.49	0	0	1	0
## ##	72.49	0	0	0	0
##	73.16	0	0	0	0
##	73.10	0	0	0	0
##	73.7	0	0	0	0
##	73.81	0	0	0	0
##	74.2	0	0	0	0
##	74.23	0	0	0	0
##	74.33	0	0	0	0
##	74.65	0	0	0	0
##	74.72	0	0	0	0
##	75.89	0	0	0	0
##	76.1	0	0	0	0
##	76.2	0	0	0	0
##	76.31	0	0	0	0
##	76.39	0	0	0	0
##	76.53	0	0	0	0
##	76.83	0	0	0	0
##	77.61	0	0	0	0
##	78.11	0	0	0	0
##	78.18	0	0	0	0
##	78.27	0	0	0	0
##	78.29	0	0	0	0
##	78.54	0	0	0	0
##	78.85 79.08	0	0	0	0
## ##	79.08	0	0	0	0
##	79.19	0	0	0	0
##	79.42	0	0	0	0
##	81.25	0	0	0	0
##	81.72	0	0	0	0
##	81.92	0	0	0	0

##	82.53	0	0	0	0
##	82.57	0	0	0	0
##	82.85	0	0	0	0
##	82.89	0	0	0	0
##	83.51	0	0	0	0
##	85.63	0	0	0	0
##	86.18	0	0	0	0
##	86.34	0	0	0	0
##	86.87	0	0	0	0
##	87.19	0	0	0	0
##	87.21	0	0	0	0
##	87.38	0	0	0	0
##	87.88	0	0	0	0
##	88.05	0	0	0	0
##	88.06	0	0	0	0
##	88.44	0	0	0	0
##	89.75	0	0	0	0
##	89.79	0	0	0	0
##	90.3	0	0	0	0
##	90.96	0	0	0	0
##	91.12	0	0	0	0
##	91.38	0	0	0	0
##	91.43	0	0	0	0
##	92.51	0	0	0	0
##	93.97	0	0	0	0
##	94.15	0	0	0	0
##	94.37	0	0	0	0
##	94.57	0	0	0	0
##	95.5	0	0	0	1
##	96.03	0	0	0	0
##	96.12	0	0	0	0
##	96.73	0	0	0	0
##	97.4	0	0	0	0
##	98.73	0	0	0	0
##	98.78	0	0	0	0
##	102.1	0	0	0	0
##	102.7	0	0	0	0
##	104.1	0	0	0	0
##	105.8	0	0	0	0
##	106.3	0	0	0	0
##	109	0	0	0	0
##	110.1	0	0	0	0
##	111.2	0	0	0	0
##	111.8	0	0	0	0
##	113.4	0	0	0	0
##	116	0	0	0	0
##	121.1	0	0	0	0
##	122.8	0	0	0	0
##	123.6	0	0	0	0
##	123.7	0	0	0	0
##	124.4	0	0	0	0
##	124.4	0	0	0	0
##	126.2	0	0	0	0
##	129.5	0	0	0	0
		-	-	-	•

шш	121 0	0	0	0	0
## ##	131.2 132.4	0	0	0	0
##	132.4	0	0	0	0
					0
##	133.8	0	0	0	0
##	134.7	0	0	0	0
##	135.7	0	0	0	0
##	137.8	0	0	0	0
##	138.9	0	0	0	0
##	182.1	0	0	0	0
##		svm.pred			
##	actual		1.05614335687098		
##	54.42	0	0	0	0
##	54.53	0	0	0	0
##	59.96	0	0	1	0
##	61.24	0	0	0	0
##	61.49	0	0	0	0
##	62.5	0	0	0	0
##	63.19	0	0	0	0
##	63.76	0	0	0	0
##	64.12	0	0	0	0
##	64.55	0	0	0	0
##	65.67	0	0	0	0
##	65.75	0	0	0	0
##	66.2	0	0	0	0
##	66.52	0	0	0	0
##	66.72	0	0	0	0
##	68.51	0	0	0	0
##	70.39	0	0	0	0
##	71.73	0	0	0	0
##	72.49	0	0	0	0
##	72.76	0	0	0	0
##	73.16	0	0	0	0
##	73.34	0	0	0	0
##	73.7	0	0	0	0
##	73.81	0	0	0	0
##	74.2	0	0	0	0
##	74.23	0	0	0	0
##	74.33	0	0	0	0
##	74.65	0	0	0	0
##	74.72	0	0	0	0
##	75.89	0	0	0	0
##	76.1	0	0	0	0
##	76.2	0	0	0	0
##	76.31	0	0	0	0
##	76.39	0	0	0	0
##	76.53	0	1	0	0
##	76.83	0	0	0	0
##	77.61	0	0	0	0
##	78.11	0	0	0	0
##	78.18	0	0	0	0
##	78.27	0	0	0	0
##	78.29	0	0	0	0
##	78.54	0	0	0	0
##	78.85	0	0	0	0

##	79.08	0	0	0	0
##	79.19	0	0	0	0
##	79.42	0	0	0	0
##	79.83	0	0	0	0
##	81.25	0	0	0	0
##	81.72	0	0	0	0
##	81.92	0	0	0	1
##	82.53	0	0	0	0
##	82.57	0	0	0	0
##	82.85	1	0	0	0
##	82.89	0	0	0	0
##	83.51	0	0	0	0
##	85.63	0	0	0	0
##	86.18	0	0	0	0
##	86.34	0	0	0	0
##	86.87	0	0	0	0
##	87.19	0	0	0	0
##	87.21	0	0	0	0
##	87.38	0	0	0	0
##	87.88	0	0	0	0
##	88.05	0	0	0	0
##	88.06	0	0	0	0
##	88.44	0	0	0	0
##	89.75	0	0	0	0
##	89.79	0	0	0	0
##	90.3	0	0	0	0
##	90.96	0	0	0	0
##	91.12	0	0	0	0
##	91.38	0	0	0	0
##	91.43	0	0	0	0
##	92.51	0	0	0	0
##	93.97	0	0	0	0
##	94.15	0	0	0	0
##	94.37	0	0	0	0
##	94.57	0	0	0	0
##	95.5	0	0	0	0
##	96.03	0	0	0	0
##	96.12	0	0	0	0
##	96.73	0	0	0	0
##	97.4	0	0	0	0
##	98.73	0	0	0	0
##	98.78	0	0	0	0
##	102.1	0	0	0	0
##	102.7	0	0	0	0
##	104.1	0	0	0	0
##	105.8	0	0	0	0
##	106.3	0	0	0	0
##	109	0	0	0	0
##	110.1	0	0	0	0
##	111.2	0	0	0	0
##	111.8	0	0	0	0
##	113.4	0	0	0	0
##	116	0	0	0	0
##	121.1	0	0	0	0
					-

##	122.8	0	0	0	0
##	123.6	0	0	0	0
##	123.7	0	0	0	0
##	124.4	0	0	0	0
##	124.8	0	0	0	0
##	126.2	0	0	0	0
##	129.5	0	0	0	0
##	131.2	0	0	0	0
##	132.4	0	0	0	0
##	132.9	0	0	0	
##	133.8	0	0	0	
##	134.7	0	0	0	
##	135.7	0	0	0	
##	137.8	0	0	0	0
##	138.9	0	0	0	0
##	182.1	0	0	0	0
##	svm.p	red			
##	actual 1.07	267928202877	1.07454589391302	1.0754266102824	1.09727104842524
##	54.42	0	0	0	0
##	54.53	1	0	0	0
##	59.96	0	0	0	0
##	61.24	0	0	0	0
##	61.49	0	0	0	0
##	62.5	0	0	0	0
##	63.19	0	0	0	0
##	63.76	0	0	0	0
##	64.12	0	0	0	0
##	64.55	0	0	0	0
##	65.67	0	0	0	0
##	65.75	0	0	0	0
##	66.2	0	0	0	0
##	66.52	0	0	0	0
##	66.72	0	0	0	0
##	68.51	0	0	0	0
##	70.39	0	0	0	0
##	71.73	0	0	0	0
##	72.49	0	0	0	0
##	72.76	0	0	0	0
##	73.16	0	0	0	0
##	73.34	0	0	0	0
##	73.7	0	0	0	0
##	73.81	0	0	1	0
##	74.2	0	0	0	0
##	74.23	0	0	0	0
##	74.33	0	0	0	0
##	74.65	0	0	0	0
##	74.72	0	0	0	0
##	75.89	0	1	0	0
##	76.1	0	0	0	0
##	76.2	0	0	0	0
##	76.31	0	0	0	0
##	76.39	0	0	0	0
##	76.53	0	0	0	0
##	76.83	0	0	0	0

##	77.61	0	0	0	0
##	78.11	0	0	0	0
##	78.18	0	0	0	0
##	78.27	0	0	0	0
##	78.29	0	0	0	0
##	78.54	0	0	0	0
##	78.85	0	0	0	0
##	79.08	0	0	0	0
##	79.19	0	0	0	0
##	79.42	0	0	0	0
##	79.83	0	0	0	0
##	81.25	0	0	0	0
##	81.72	0	0	0	0
##	81.92	0	0	0	0
##	82.53	0	0	0	0
##	82.57	0	0	0	0
##	82.85	0	0	0	0
##	82.89	0	0	0	0
##	83.51	0	0	0	0
##	85.63	0	0	0	0
##	86.18	0	0	0	0
##	86.34	0	0	0	0
##	86.87	0	0	0	0
##	87.19	0	0	0	1
##	87.21	0	0	0	0
##	87.38	0	0	0	0
##	87.88	0	0	0	0
##	88.05 88.06	0	0	0	0
## ##	88.44	0	0	0	0
##	89.75	0	0	0	0
##	89.79	0	0	0	0
##	90.3	0	0	0	0
##	90.96	0	0	0	0
##	91.12	0	0	0	0
##	91.38	0	0	0	0
##	91.43	0	0	0	0
##	92.51	0	0	0	0
##	93.97	0	0	0	0
##	94.15	0	0	0	0
##	94.37	0	0	0	0
##	94.57	0	0	0	0
##	95.5	0	0	0	0
##	96.03	0	0	0	0
##	96.12	0	0	0	0
##	96.73	0	0	0	0
##	97.4	0	0	0	0
##	98.73	0	0	0	0
##	98.78	0	0	0	0
##	102.1	0	0	0	0
##	102.7	0	0	0	0
## ##	104.1 105.8	0	0	0	0
## ##	105.8	0	0	0	0
πĦ	100.0	V	V	V	J

	4.00	^	^	^	•
##	109 110.1	0	0	0	0
##		0	0	0	0
##	111.2	0	0	0	0
##	111.8	0	0	0	0
##	113.4	0	0	0	0
##	116	0	0	0	0
##	121.1	0	0	0	0
##	122.8	0	0	0	0
##	123.6	0	0	0	0
##	123.7	0	0	0	0
##	124.4	0	0	0	0
##	124.8	0	0	0	0
##	126.2	0	0	0	0
##	129.5	0	0	0	0
##	131.2	0	0	0	0
##	132.4	0	0	0	0
##	132.9	0	0	0	0
##	133.8	0	0	0	0
##	134.7	0	0	0	0
##	135.7	0	0	0	0
##	137.8	0	0	0	0
##	138.9	0	0	0	0
##	182.1	0	0	0	0
##	svm	n.pred			
##	actual 1.	10192260675617	1.10987716536216	1.1173556599889	1.12521483933072
##	54.42	0	0	1	0
##	54.53	0	0	0	0
##	59.96	0	0	0	0
##	61.24	0	0	0	0
##	61.49	0	0	0	0
##	62.5	0	0	0	0
##	63.19	0	0	0	0
##	63.76	0	0	0	0
##	64.12	0	0	0	0
##	64.55	0	0	0	0
##	65.67	0	0	0	0
##	65.75	0	0	0	0
##	66.2	0	0	0	0
##	66.52	0	0	0	0
##	66.72	0	0	0	0
##	68.51	0	0	0	0
##	70.39	0	0	0	0
##	71.73	0	0	0	0
##	72.49	0	0	0	0
##	72.76	0	0	0	0
##	73.16	0	1	0	0
##	73.34	0	0	0	0
##	73.7	0	0	0	0
##	73.81	0	0	0	0
##	74.2	0	0	0	0
##	74.23	0	0	0	0
##	74.33	0	0	0	0
##					
	74.65	()	()	()	()
##	74.65 74.72	0	0	0	0

##	75.89	0	0	0	0
##	76.1	0	0	0	0
##	76.2	0	0	0	0
##	76.31	0	0	0	0
##	76.39	0	0	0	0
##	76.53	0	0	0	0
##	76.83	0	0	0	0
##	77.61	1	0	0	0
##	78.11	0	0	0	0
##	78.18	0	0	0	0
##	78.27	0	0	0	0
##	78.29	0	0	0	0
##	78.54	0	0	0	0
##	78.85	0	0	0	0
##	79.08	0	0	0	0
##	79.19	0	0	0	0
##	79.42	0	0	0	0
##	79.83	0	0	0	0
##	81.25	0	0	0	0
##	81.72	0	0	0	0
##	81.92	0	0	0	0
##	82.53	0	0	0	0
##	82.57	0	0	0	0
##	82.85	0	0	0	0
##	82.89	0	0	0	0
##	83.51	0	0	0	0
##	85.63	0	0	0	0
##	86.18	0	0	0	0
##	86.34	0	0	0	0
##	86.87	0	0	0	1
##	87.19	0	0	0	0
##	87.21	0	0	0	0
##	87.38	0	0	0	0
##	87.88	0	0	0	0
##	88.05	0	0	0	0
##	88.06	0	0	0	0
##	88.44	0	0	0	0
##	89.75	0	0	0	0
##	89.79 90.3	0	0	0	0
##		0	0	0	0
##	90.96	0	0	0	0
##	91.12 91.38	0	0	0	0
## ##	91.43	0	0	0	0
## ##	92.51		0	0	0
## ##	93.97	0	0	0	0
##	94.15	0	0	0	0
##	94.37	0	0	0	0
## ##	94.57	0	0	0	0
## ##	95.5	0	0	0	0
##	96.03	0	0	0	0
##	96.12	0	0	0	0
##	96.73	0	0	0	0
##	97.4	0	0	0	0
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	00.70	•	•	•	_
##	98.73	0	0	0	0
##	98.78	0	0	0	0
##	102.1	0	0	0	0
##	102.7	0	0	0	0
##	104.1	0	0	0	0
##	105.8	0	0	0	0
##	106.3	0	0	0	0
##	109	0	0	0	0
##	110.1	0	0	0	0
##	111.2	0	0	0	0
##	111.8	0	0	0	0
##	113.4	0	0	0	0
##	116	0	0	0	0
##	121.1	0	0	0	0
##	122.8	0	0	0	0
##	123.6	0	0	0	0
##	123.7	0	0	0	0
##	124.4	0	0	0	0
##	124.8	0	0	0	0
##	126.2	0	0	0	0
##	129.5	0	0	0	0
##	131.2	0	0	0	0
##	132.4	0	0	0	0
##	132.9	0	0	0	0
##	133.8	0	0	0	0
##	134.7	0	0	0	0
##	135.7	0	0	0	0
##	137.8	0	0	0	0
##	138.9	0	0	0	0
##	182.1	0	0	0	0
##	svm.pre		·	·	· ·
##			268470821282 1.14013	1720455029 1 14789	8667669919
##	54.42	0	0	0	0
##	54.53	0	0	0	0
	59.96				
##		0	0	0	0
##	61.24	0	1	0	0
##	61.49	0	0	0	0
##	62.5	0	0	0	0
##	63.19	0	0	0	0
##	63.76	0	0	0	0
##	64.12	0	0	0	0
##	64.55	0	0	0	1
##	65.67	0	0	0	0
##	65.75	0	0	0	0
##	66.2	0	0	0	0
##	66.52	0	0	0	0
##	66.72	0	0	0	0
##	68.51	0	0	0	0
##	70.39	0	0	0	0
##	71.73	0	0	0	0
##	72.49	0	0	0	0
##	72.76	0	0	0	0
	· •				•
##	73.16	0	0	0	0
## ##	73.16 73.34	0	0 0	0	0

##	73.7	0	0	0	0
##	73.81	0	0	0	0
##	74.2	0	0	0	0
##	74.23	0	0	0	0
##	74.33	0	0	0	0
##	74.65	0	0	0	0
##	74.72	0	0	0	0
##	75.89	0	0	0	0
##	76.1	0	0	0	0
##	76.2	0	0	0	0
##	76.31	0	0	0	0
##	76.39	0	0	0	0
##	76.53	0	0	0	0
##	76.83	0	0	0	0
##	77.61	0	0	0	0
##	78.11	0	0	0	0
##	78.18	0	0	0	0
##	78.27	0	0	0	0
##	78.29	0	0	0	0
##	78.54	0	0	0	0
##	78.85	0	0	0	0
##	79.08	0	0	0	0
##	79.19	0	0	0	0
##	79.42	0	0	1	0
##	79.83	0	0	0	0
##	81.25	0	0	0	0
##	81.72	0	0	0	0
##	81.92	0	0	0	0
##	82.53	0	0	0	0
##	82.57	0	0	0	0
##	82.85	0	0	0	0
##	82.89	0	0	0	0
##	83.51	0	0	0	0
##	85.63	0	0	0	0
##	86.18	0	0	0	0
##	86.34	0	0	0	0
##	86.87	0	0	0	0
##	87.19	0	0	0	0
##	87.21	0	0	0	0
##	87.38	0	0	0	0
##	87.88	0	0	0	0
##	88.05	0	0	0	0
##	88.06	0	0	0	0
##	88.44	0	0	0	0
##	89.75	0	0	0	0
##	89.79	0	0	0	0
##	90.3	0	0	0	0
##	90.96	0	0	0	0
##	91.12	0	0	0	0
##	91.38	0	0	0	0
##	91.43	0	0	0	0
##	92.51	0	0	0	0
##	93.97	0	0	0	0
##	94.15	0	0	0	0

##	94.37	0	0	0	0
##	94.57	0	0	0	0
##	95.5	0	0	0	0
##	96.03	0	0	0	0
##	96.12	0	0	0	0
##	96.73	0	0	0	0
##	97.4	0	0	0	0
##	98.73	0	0	0	0
##	98.78	0	0	0	0
##	102.1	0	0	0	0
##	102.7	0	0	0	0
##	104.1	0	0	0	0
##	105.8	0	0	0	0
##	106.3	1	0	0	0
##	109	0	0	0	0
##	110.1	0	0	0	0
##	111.2	0	0	0	0
##	111.8	0	0	0	0
##	113.4	0	0	0	0
##	116	0	0	0	0
##	121.1	0	0	0	0
##	122.8	0	0	0	0
##	123.6	0	0	0	0
##	123.7	0	0	0	0
##	124.4	0	0	0	0
##	124.4	0	0	0	0
##	124.6	0	0	0	0
##	120.2	0	0	0	0
##	131.2	0	0	0	0
##	132.4	0	0	0	0
##	132.9	0	0	0	0
##	133.8	0	0	0	0
##	134.7	0	0	0	0
##	135.7	0	0	0	0
##	137.8	0	0	0	0
##	138.9	0	0	0	0
##	182.1	0	0	0	0
##	svm.p		4 44000564050004	4 45000000070004	4 4 5 4 6 4 7 4 6 7 6 6 6 4 6
##			1.14839564853221		
##	54.42	0	0	0	0
##	54.53	0	0	0	0
##	59.96	0	0	0	0
##	61.24	0	0	0	0
##	61.49	0	0	0	0
##	62.5	0	0	0	0
##	63.19	0	0	0	0
##	63.76	0	0	0	0
##	64.12	0	0	0	0
##	64.55	0	0	0	0
##	65.67	0	0	0	0
##	65.75	0	0	0	0
##	66.2	0	0	0	0
##	66.52	0	0	0	0
##	66.72	0	0	0	0

## 70.39	##	68.51	0	0	0	0
## 72.49 0 0 0 1 1 0 0 0 1 1 0 0 1 ## 72.76 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 0 1 1 1 0 0 1	##	70.39	0	0	0	0
## 72.76	##	71.73	0	0	0	0
## 73.16	##	72.49	0	0	1	0
## 73.34	##	72.76	0	0	0	0
## 73.7	##	73.16	0	0	0	0
## 74.2	##	73.34	0	0	0	0
## 74.2	##	73.7	0	0	0	0
## 74.23	##	73.81	0	0	0	0
## 74.33	##	74.2	0	0	0	0
## 74.65	##	74.23	0	0	0	0
## 74.72	##	74.33	0	0	0	0
## 75.89 0 0 0 0 0 0 0 0 0 0 0 ## 76.11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	##	74.65	0	0	0	0
## 76.1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	##	74.72	0	0	0	0
## 76.21 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	##	75.89	0	0	0	0
## 76.31 0 0 0 0 0 0 0 0 0 ## 76.53 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	##	76.1	0	0	0	0
## 76.39 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	##	76.2	0	0	0	0
## 76.53	##	76.31	0	0	0	0
## 76.83	##	76.39	0	0	0	0
## 77.61 0 0 0 0 0 0 0 0 0 ## 78.11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	##	76.53	0	0	0	0
## 78.11 0 0 0 0 0 0 0 0 0 ## 78.18 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	##	76.83	0	0	0	0
## 78.18 0 0 0 0 0 0 0 0 0 0 ## 78.27 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	##	77.61	0	0	0	0
## 78.27 0 0 0 0 0 0 0 0 ## 78.29 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	##	78.11	0	0	0	0
## 78.29 0 0 0 0 0 0 0 0 ## 78.54 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	##	78.18	0	0	0	0
## 78.54 1 0 0 0 0 0 ## 79.08 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	##	78.27	0	0	0	0
## 78.85 0 0 0 0 0 0 0 0 ## 79.08 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	##	78.29	0	0	0	0
## 79.08 0 0 0 0 0 0 0 0 ## 79.19 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	##	78.54	1	0	0	0
## 79.19 0 0 0 0 0 0 0 0 ## 79.42 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	##	78.85	0	0	0	0
## 79.42 0 0 0 0 0 0 0 0 ## 79.83 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	##	79.08	0	0	0	0
## 79.83 0 0 0 0 0 0 0 0 ## 81.25 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	##	79.19	0	0	0	0
## 81.25 0 0 0 0 0 0 0 0 ## 81.72 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	##		0	0	0	0
## 81.72 0 0 0 0 0 0 0 0 ## 81.92 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	##	79.83	0	0	0	0
## 81.92 0 0 0 0 0 0 0 0 ## 82.53 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	##		0	0	0	0
## 82.53 0 0 0 0 0 0 0 0 ## 82.57 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	##		0	0	0	0
## 82.57 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	##		0	0		0
## 82.85 0 0 0 0 0 0 0 0 ## 82.89 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	##			0		
## 82.89 0 0 0 0 ## 83.51 0 0 0 0 ## 85.63 0 0 0 0 ## 86.18 0 0 0 0 ## 86.34 0 0 0 0 ## 86.87 0 0 0 0 ## 87.19 0 0 0 0 ## 87.21 0 0 0 0 ## 87.38 0 0 0 0 ## 88.05 0 0 0 0 ## 88.06 0 0 0 0 ## 89.75 0 0 0 0 ## 89.75 0 0 0 0 ## 89.79 0 0 0 0						
## 83.51 0 0 0 0 ## 85.63 0 0 0 0 ## 86.18 0 0 0 0 ## 86.34 0 0 0 0 ## 87.19 0 0 0 0 ## 87.21 0 0 0 0 ## 87.38 0 0 0 0 ## 88.05 0 0 0 0 ## 88.06 0 0 0 0 ## 88.44 0 0 0 0 ## 89.75 0 0 0 0 ## 89.79 0 0 0 0						
## 85.63 0 0 0 0 ## 86.18 0 0 0 0 ## 86.34 0 0 0 0 1 ## 86.87 0 0 0 0 0 ## 87.19 0 0 0 0 0 ## 87.21 0 0 0 0 0 ## 87.38 0 0 0 0 0 ## 88.05 0 0 0 0 0 ## 88.06 0 0 0 0 0 ## 89.75 0 0 0 0 0 ## 89.79 0 0 0 0 0						
## 86.18 0 0 0 0 ## 86.34 0 0 0 1 ## 86.87 0 0 0 0 ## 87.19 0 0 0 0 ## 87.21 0 0 0 0 ## 87.38 0 0 0 0 ## 88.05 0 0 0 0 ## 88.06 0 0 0 0 ## 88.44 0 0 0 0 ## 89.75 0 0 0 0 ## 89.79 0 0 0 0						
## 86.34 0 0 0 0 ## 86.87 0 0 0 0 ## 87.19 0 0 0 0 ## 87.21 0 0 0 0 ## 87.38 0 0 0 0 ## 88.05 0 0 0 0 ## 88.06 0 0 0 0 ## 88.44 0 0 0 0 ## 89.75 0 0 0 0 ## 89.79 0 0 0 0						
## 86.87 0 0 0 0 ## 87.19 0 0 0 0 ## 87.21 0 0 0 0 ## 87.38 0 0 0 0 ## 88.05 0 0 0 0 ## 88.06 0 0 0 0 ## 88.44 0 0 0 0 ## 89.75 0 0 0 0 ## 89.79 0 0 0 0						
## 87.19 0 0 0 0 ## 87.21 0 0 0 0 ## 87.38 0 0 0 0 ## 88.05 0 0 0 0 ## 88.06 0 0 0 0 ## 88.44 0 0 0 0 ## 89.75 0 0 0 0 ## 89.79 0 0 0 0						
## 87.21 0 0 0 0 ## 87.38 0 0 0 0 ## 88.05 0 0 0 0 0 ## 88.06 0 0 0 0 0 ## 88.44 0 0 0 0 0 ## 89.75 0 0 0 0 0 ## 89.79 0 0 0 0 0						
## 87.38 0 0 0 0 ## 87.88 0 0 0 0 ## 88.05 0 0 0 0 0 ## 88.06 0 0 0 0 0 ## 88.44 0 0 0 0 0 ## 89.75 0 0 0 0 0 ## 89.79 0 0 0 0 0						
## 87.88 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						
## 88.05 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						
## 88.06 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						
## 88.44 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						
## 89.75 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						
## 89.79 0 0 0						
## 90.5 0 0 0 0						
	##	30.3	U	U	U	U

##	90.96	0	0	0	0
##	91.12	0	0	0	0
##	91.38	0	0	0	0
##	91.43	0	0	0	0
##	92.51	0	0	0	0
##	93.97	0	0	0	0
##	94.15	0	0	0	0
##	94.37	0	0	0	0
##	94.57	0	0	0	0
##	95.5	0	0	0	0
##	96.03	0	0	0	0
##	96.12	0	0	0	0
##	96.73	0	0	0	0
##	97.4	0	0	0	0
##	98.73	0	1	0	0
##	98.78	0	0	0	0
##	102.1	0	0	0	0
##	102.7	0	0	0	0
##	104.1	0	0	0	0
##	105.8	0	0	0	0
##	106.3	0	0	0	0
##	109	0	0	0	0
##	110.1	0	0	0	0
##	111.2	0	0	0	0
##	111.8	0	0	0	0
##	113.4	0	0	0	0
##	116	0	0	0	0
##	121.1	0	0	0	0
##	122.8	0	0	0	0
##	123.6	0	0	0	0
##	123.7	0	0	0	0
##	124.4	0	0	0	0
##	124.8	0	0	0	0
##	126.2	0	0	0	0
##	129.5	0	0	0	0
##	131.2	0	0	0	0
##	132.4	0	0	0	0
##	132.9	0	0	0	0
##	133.8	0	0	0	0
##	134.7	0	0	0	0
##	135.7	0	0	0	0
##	137.8	0	0	0	0
##	138.9	0	0	0	0
##	182.1	0	0	0	0
##	S	svm.pred			
##	actual	1.15556279629757	1.15656894346615	1.16829218088804	1.1700196830037
##	54.42	0	0	0	
##	54.53	0	0	0	
##	59.96	0	0	0	0
##	61.24	0	0	0	0
##	61.49	0	0	0	
##	62.5	0	0	0	
##	63.19	0	0	0	
##	63.76	0	0	0	0

##	64.12	0	0	0	0
##	64.55	0	0	0	0
##	65.67	0	0	0	0
##	65.75	0	0	0	0
##	66.2	0	0	0	0
##	66.52	0	0	0	0
##	66.72	0	0	0	0
##	68.51	0	0	0	0
##	70.39	0	0	0	0
##	71.73	0	0	0	0
##	72.49	0	0	0	0
##	72.76	0	0	0	0
##	73.16	0	0	0	0
##	73.34	0	0	0	0
##	73.7	0	0	0	0
##	73.81	0	0	0	0
##	74.2	0	0	0	0
##	74.23	0	0	0	0
##	74.33	0	0	0	0
##	74.65	0	0	0	0
##	74.72	0	0	0	0
##	75.89	0	0	0	0
##	76.1	0	0	0	1
##	76.2 76.31	0	0	0	0
##	76.39	0	0	0	0
## ##	76.53	0	0	0	0
##	76.83	0	0	0	0
##	77.61	0	0	0	0
##	78.11	0	0	0	0
##	78.18	0	0	0	0
##	78.27	0	0	0	0
##	78.29	0	0	0	0
##	78.54	0	0	0	0
##	78.85	0	0	0	0
##	79.08	0	0	0	0
##	79.19	0	0	0	0
##	79.42	0	0	0	0
##	79.83	0	0	0	0
##	81.25	0	0	0	0
##	81.72	0	1	0	0
##	81.92	0	0	0	0
##	82.53	0	0	0	0
##	82.57	0	0	0	0
##	82.85	0	0	0	0
##	82.89	0	0	0	0
##	83.51	0	0	0	0
##	85.63	0	0	0	0
##	86.18	0	0	1	0
##	86.34	0	0	0	0
##	86.87	0	0	0	0
##	87.19	0	0	0	0
##	87.21 87.38	0	0	0	0
##	01.00	V	· ·	· ·	U

##	87.88	0	0	0	0
##	88.05	0	0	0	0
##	88.06	0	0	0	0
##	88.44	0	0	0	0
##	89.75	0	0	0	0
##	89.79	0	0	0	0
##	90.3	0	0	0	0
##	90.96	0	0	0	0
##	91.12	0	0	0	0
##	91.38	0	0	0	0
##	91.43	0	0	0	0
##	92.51	0	0	0	0
##	93.97	0	0	0	0
##	94.15	0	0	0	0
##	94.37	0	0	0	0
##	94.57	1	0	0	0
##	95.5	0	0	0	0
##	96.03	0	0	0	0
##	96.12	0	0	0	0
##	96.73	0	0	0	0
##	97.4	0	0	0	0
##	98.73	0	0	0	0
##	98.78	0	0	0	0
##	102.1	0	0	0	0
##	102.7	0	0	0	0
##	104.1	0	0	0	0
##	105.8	0	0	0	0
##	106.3	0	0	0	0
##	109	0	0	0	0
##	110.1	0	0	0	0
##	111.2	0	0	0	0
##	111.8	0	0	0	0
##	113.4	0	0	0	0
##	116	0	0	0	0
##	121.1	0	0	0	0
##	122.8	0	0	0	0
##	123.6	0	0	0	0
##	123.7	0	0	0	0
##	124.4	0	0	0	0
##	124.8	0	0	0	0
##	126.2	0	0	0	0
##	129.5	0	0	0	0
##	131.2	0	0	0	0
##	132.4	0	0	0	0
##	132.9	0	0	0	0
##	133.8	0	0	0	0
##	134.7	0	0	0	0
##	135.7	0	0	0	0
##	137.8	0	0	0	0
##	138.9	0	0	0	0
##	182.1	0	0	0	0
## ##		svm.pred	1 10101250605172	1.19366369642029	1 20030206267000
##	actual 54.42	0	0	1.19300309042029	1.20038296367908
##	54.42	U	0	0	0

##	54.53	0	0	0	0
##	59.96	0	0	0	0
##	61.24	0	0	0	0
##	61.49	0	0	0	0
##	62.5	0	0	0	0
##	63.19	0	0	0	0
##	63.76	0	0	0	0
##	64.12	0	0	0	0
##	64.55	0	0	0	0
##	65.67	0	0	0	0
##	65.75	0	0	0	0
##	66.2	0	0	0	0
##	66.52	0	0	0	0
##	66.72	0	0	0	0
##	68.51	0	0	0	0
##	70.39	0	0	0	0
##	71.73	0	0	0	0
##	72.49	0	0	0	0
##	72.76	0	0	0	0
##	73.16	0	0	0	0
##	73.34	0	0	0	0
##	73.7	0	0	0	0
##	73.81	0	0	0	0
##	74.2	0	0	0	0
##	74.23	0	0	0	0
##	74.33	0	0	0	0
##	74.65	0	0	0	0
##	74.72	0	0	0	0
##	75.89	0	0	0	0
##	76.1	0	0	0	0
##	76.2	0	1	0	0
##	76.31	0	0	0	0
##	76.39	0	0	0	0
##	76.53	0	0	0	0
##	76.83	0	0	0	0
##	77.61	0	0	0	0
##	78.11	0	0	0	0
##	78.18	0	0	0	0
##	78.27	0	0	0	0
##	78.29	0	0	0	0
##	78.54	0	0	0	0
##	78.85	0	0	0	0
##	79.08	0	0	0	0
##	79.19	0	0	0	0
##	79.42	0	0	0	0
##	79.83	0	0	0	0
##	81.25	0	0	0	0
##	81.72	0	0	0	0
##	81.92	0	0	0	0
##	82.53	0	0	0	0
##	82.57	0	0	0	0
##	82.85	0	0	0	0
##	82.89	0	0	0	0
##	83.51	0	0	0	0

##	85.63	0	0	0	0
##	86.18	0	0	0	0
##	86.34	0	0	0	0
##	86.87	0	0	0	0
##	87.19	0	0	0	0
##	87.21	0	0	0	0
##	87.38	0	0	0	0
##	87.88	0	0	0	0
##	88.05	0	0	0	0
##	88.06	0	0	0	0
##	88.44	0	0	0	0
##	89.75	0	0	0	0
##	89.79	0	0	0	0
##	90.3	0	0	0	0
##	90.96	0	0	0	0
##	91.12	0	0	0	0
##	91.38	0	0	0	0
##	91.43	0	0	0	0
##	92.51	0	0	1	0
##	93.97	0	0	0	0
##	94.15	0	0	0	1
##	94.37	0	0	0	0
##	94.57	0	0	0	0
##	95.5	0	0	0	0
##	96.03	0	0	0	0
##	96.12	1	0	0	0
## ##	96.73 97.4	0	0	0	0
## ##	98.73	0	0	0	0
##	98.78	0	0	0	0
##	102.1	0	0	0	0
##	102.7	0	0	0	0
##	104.1	0	0	0	0
##	105.8	0	0	0	0
##	106.3	0	0	0	0
##	109	0	0	0	0
##	110.1	0	0	0	0
##	111.2	0	0	0	0
##	111.8	0	0	0	0
##	113.4	0	0	0	0
##	116	0	0	0	0
##	121.1	0	0	0	0
##	122.8	0	0	0	0
##	123.6	0	0	0	0
##	123.7	0	0	0	0
##	124.4	0	0	0	0
##	124.8	0	0	0	0
##	126.2	0	0	0	0
##	129.5	0	0	0	0
##	131.2	0	0	0	0
##	132.4	0	0	0	0
##	132.9	0	0	0	0
## ##	133.8 134.7	0	0	0	0
##	104.1	V	V	U	U

##	135.7	0	0	0	0
##	137.8	0	0	0	0
##	138.9	0	0	0	0
##	182.1	0	0	0	0
##	\$	svm.pred			
##	actual	1.20410468945393	1.26251274653249	1.30186993601586	1.32602490804893
##	54.42	0	0	0	0
##	54.53	0	0	0	0
##	59.96	0	0	0	0
##	61.24	0	0	0	0
##	61.49	0	0	0	0
##	62.5	0	0	0	0
##	63.19	0	0	0	0
##	63.76	0	0	0	0
##	64.12	1	0	0	0
##	64.55	0	0	0	0
##	65.67	0	0	0	0
##	65.75	0	0	0	0
##	66.2	0	0	0	0
##	66.52	0	0	0	0
##	66.72	0	0	0	0
##	68.51	0	0	0	0
##	70.39	0	0	0	0
##	71.73	0	0	0	0
##	72.49	0	0	0	0
##	72.76	0	0	0	0
##	73.16	0	0	0	0
##	73.34 73.7	0	0	0	0
##	73.7	0	0	0	0
##	74.2	0	0	0	0
##	74.23	0	0	0	0
##	74.33	0	0	0	0
##	74.65	0	0	0	0
##	74.72	0	0	0	0
##	75.89	0	0	0	0
##	76.1	0	0	0	0
##	76.2	0	0	0	0
##	76.31	0	0	0	0
##	76.39	0	0	0	0
##	76.53	0	0	0	0
##	76.83	0	0	0	0
##	77.61	0	0	0	0
##	78.11	0	0	0	0
##	78.18	0	0	0	0
##	78.27	0	0	0	0
##	78.29	0	0	0	0
##	78.54	0	0	0	0
##	78.85	0	0	0	0
##	79.08	0	0	0	0
##	79.19	0	0	0	0
##	79.42	0	0	0	0
##	79.83	0	0	0	0
##	81.25	0	0	0	0

##	81.72	0	0	0	0
##	81.92	0	0	0	0
##	82.53	0	0	0	0
##	82.57	0	0	0	0
##	82.85	0	0	0	0
##	82.89	0	0	0	0
##	83.51	0	0	1	0
##	85.63	0	0	0	0
##	86.18	0	0	0	0
##	86.34	0	0	0	0
##	86.87	0	0	0	0
##	87.19	0	0	0	0
##	87.21	0	0	0	0
##	87.38	0	0	0	0
##	87.88	0	0	0	0
##	88.05	0	0	0	0
##	88.06	0	0	0	0
##	88.44	0	0	0	0
##	89.75	0	0	0	0
##	89.79	0	0	0	0
##	90.3	0	0	0	0
##	90.96	0	0	0	0
##	91.12	0	0	0	0
##	91.38	0	1	0	0
##	91.43	0	0	0	1
##	92.51	0	0	0	0
##	93.97	0	0	0	0
##	94.15	0	0	0	0
##	94.37	0	0	0	0
##	94.57	0	0	0	0
##	95.5	0	0	0	0
##	96.03	0	0	0	0
##	96.12	0	0	0	0
##	96.73	0	0	0	0
##	97.4	0	0	0	0
##	98.73	0	0	0	0
##	98.78	0	0	0	0
##	102.1	0	0	0	0
##	102.7	0	0	0	0
##	104.1	0	0	0	0
##	105.8	0	0	0	0
##	106.3	0	0	0	0
##	109	0	0	0	0
##	110.1	0	0	0	0
##	111.2	0	0	0	0
##	111.8	0	0	0	0
##	113.4	0	0	0	0
##	116	0	0	0	0
##	121.1	0	0	0	0
##	122.8	0	0	0	0
##	123.6	0	0	0	0
##	123.7	0	0	0	0
##	124.4	0	0	0	0
##	124.8	0	0	0	0

##	126.2	0	0	0	0
##	129.5	0	0	0	0
##	131.2	0	0	0	0
##	132.4	0	0	0	0
##	132.9	0	0	0	0
##	133.8	0	0	0	0
##	134.7	0	0	0	0
##	135.7	0	0	0	0
##	137.8	0	0	0	0
##	138.9	0	0	0	0
##	182.1	0	0	0	0
##		svm.pred			
##	actual	1.3656940667366 1			1.49823756854706
##	54.42	0	0	0	0
##	54.53	0	0	0	0
##	59.96	0	0	0	0
##	61.24	0	0	0	0
##	61.49	0	0	0	0
##	62.5	0	0	0	0
##	63.19	0	0	0	0
##	63.76	0	0	0	0
##	64.12	0	0	0	0
##	64.55	0	0	0	0
##	65.67	0	0	0	0
##	65.75	0	0	0	0
##	66.2	0	0	0	0
##	66.52	0	0	0	0
##	66.72	0	0	0	0
##	68.51	0	0	0	0
##	70.39	0	0	0	0
##	71.73	0	0	0	0
##	72.49	0	0	0	0
##	72.76	0	0	0	0
##	73.16	0	0	0	0
##	73.34	0	0	0	0
##	73.7	0	0	0	0
##	73.81	0	0	0	0
##	74.2	0	0	0	0
##	74.23 74.33	0	0	0	0
## ##	74.33	0	0	0	0
##	74.05	0	0	0	0
##	75.89	0	0	0	0
##	76.1	0	0	0	0
##	76.2	0	0	0	0
##	76.31	0	0	0	0
##	76.39	0	0	0	0
##	76.53	0	0	0	0
##	76.83	0	0	0	0
##	77.61	0	0	0	0
##	78.11	0	0	0	0
##	78.18	0	0	0	0
##	78.27	0	0	0	0
##	78.29	0	0	0	0
	. 0.20	J	9	v	v

##	78.54	0	0	0	0
##	78.85	0	0	0	0
##	79.08	0	0	0	0
##	79.19	0	0	0	0
##	79.42	0	0	0	0
##	79.83	0	0	0	0
##	81.25	0	0	0	0
##	81.72	0	0	0	0
##	81.92	0	0	0	0
##	82.53	0	0	0	0
##	82.57	0	0	0	0
##	82.85	0	0	0	0
##	82.89		0		0
		0		0	
##	83.51	0	0	0	0
##	85.63	0	0	0	0
##	86.18	0	0	0	0
##	86.34	0	0	0	0
##	86.87	0	0	0	0
##	87.19	0	0	0	0
##	87.21	0	0	0	0
##	87.38	0	0	0	0
##	87.88	0	0	0	0
##	88.05	0	0	0	0
##	88.06	0	0	0	0
##	88.44	0	0	0	0
##	89.75	0	0	0	0
##	89.79	0	0	0	0
##	90.3	0	0	0	0
##	90.96	0	0	0	1
##	91.12	0	0	0	0
##	91.38	0	0	0	0
##	91.43	0	0	0	0
##	92.51	0	0	0	0
##	93.97	0	0	1	0
		0			
## ##	94.15 94.37	0	0	0	0
				0	0
##	94.57	0	0	0	0
##	95.5	0	0	0	0
##	96.03	1	0	0	0
##	96.12	0	0	0	0
##	96.73	0	0	0	0
##	97.4	0	0	0	0
##	98.73	0	0	0	0
##	98.78	0	1	0	0
##	102.1	0	0	0	0
##	102.7	0	0	0	0
##	104.1	0	0	0	0
##	105.8	0	0	0	0
##	106.3	0	0	0	0
##	109	0	0	0	0
##	110.1	0	0	0	0
##	111.2	0	0	0	0
##	111.8	0	0	0	0
##	113.4	0	0	0	0
	_	-	-	-	-

		•		•	•
##	116	0	0	0	0
##	121.1	0	0	0	0
##	122.8	0	0	0	0
##	123.6	0	0	0	0
##	123.7	0	0	0	0
##	124.4	0	0	0	0
##	124.8	0	0	0	0
##	126.2	0	0	0	0
##	129.5	0	0	0	0
##	131.2	0	0	0	0
##	132.4	0	0	0	0
##	132.9	0	0	0	0
##	133.8	0	0	0	0
##	134.7	0	0	0	0
##	135.7	0	0	0	0
##	137.8	0	0	0	0
##	138.9	0	0	0	0
##	182.1	0	0	0	0
##	S	svm.pred			
##	actual	1.53960568007185	1.60515021448866	1.66007323548568	1.69895871120563
##	54.42	0	0	0	0
##	54.53	0	0	0	0
##	59.96	0	0	0	0
##	61.24	0	0	0	0
##	61.49	0	0	0	0
##	62.5	0	0	0	0
##	63.19	0	0	0	0
##	63.76	0	0	0	0
##	64.12	0	0	0	0
##	64.55	0	0	0	0
##	65.67	0	0	0	0
##	65.75	0	0	0	0
##	66.2	0	0	0	0
##	66.52	0	0	0	0
##	66.72	0	0	0	0
##	68.51	0	0	0	0
##	70.39	0	0	0	0
##	71.73	0	0	0	0
##	72.49	0	0	0	0
##	72.76	0	0	0	0
##	73.16	0	0	0	0
##	73.34	0	0	0	0
##	73.7	0	0	0	0
##	73.81	0	0	0	0
##	74.2	0	0	0	0
##	74.23	0	0	0	0
##	74.23	0	0	0	0
##	74.65	0	0	0	0
##	74.03	0	0		
##	75.89	0	0	0	0
				0	0
##	76.1 76.2	0	0	0	0
##		0	0	0	0
##	76.31	0	0	0	0
##	76.39	0	0	0	0

##	76.53	0	0	0	0
##	76.83	0	0	0	0
##	77.61	0	0	0	0
##	78.11	0	0	0	0
##	78.18	0	0	0	0
##	78.27	0	0	0	0
##	78.29	0	0	0	0
##	78.54	0	0	0	0
##	78.85	0	0	0	0
##	79.08	0	0	0	0
##	79.19	0	0	0	0
##	79.42	0	0	0	0
##	79.83	0	0	0	0
##	81.25	0	0	0	0
##	81.72	0	0	0	0
##	81.92	0	0	0	0
##	82.53	0	0	0	0
##	82.57	0	0	0	0
##	82.85	0	0	0	0
##	82.89	0	0	0	0
##	83.51	0	0	0	0
##	85.63	0	0	0	0
##	86.18	0	0	0	0
##	86.34	0	0	0	0
##	86.87	0	0	0	0
## ##	87.19 87.21	0	0	0	0
##	87.38	0	0	0	
##	87.88	0	0	0	0
##	88.05	1	0	0	0
##	88.06	0	0	0	0
##	88.44	0	0	0	0
##	89.75	0	0	0	0
##	89.79	0	0	0	0
##	90.3	0	0	0	0
##	90.96	0	0	0	0
##	91.12	0	0	0	0
##	91.38	0	0	0	0
##	91.43	0	0	0	0
##	92.51	0	0	0	0
##	93.97	0	0	0	0
##	94.15	0	0	0	0
##	94.37	0	0	0	1
##	94.57	0	0	0	0
##	95.5	0	0	0	0
##	96.03	0	0	0	0
##	96.12	0	0	0	0
##	96.73	0	0	0	0
##	97.4	0	0	0	0
##	98.73	0	0	0	0
##	98.78	0	0	0	0
##	102.1	0	0	0	0
##	102.7	0	1	0	0
##	104.1	0	0	0	0

##	105.8	0	0	1	0
##	106.3	0	0	0	0
##	109	0	0	0	0
##	110.1	0	0	0	0
##	111.2	0	0	0	0
##	111.8	0	0	0	0
##	113.4	0	0	0	0
##	116	0	0	0	0
##	121.1	0	0	0	0
##	122.8	0	0	0	0
##	123.6	0	0	0	0
##	123.7	0	0	0	0
##	124.4	0	0	0	0
##	124.8	0	0	0	0
##	126.2	0	0	0	0
##	129.5	0	0	0	0
##	131.2	0	0	0	0
##	132.4	0	0	0	0
##	132.9	0	0	0	0
##	133.8	0	0	0	0
##	134.7	0	0	0	0
##	135.7	0	0	0	0
##	137.8	0	0	0	0
## ##	138.9 182.1	0	0 0	0 0	0
##			U	U	U
##	svm.p actual 1.72	25299958711 1.804024	54227692 1 80759	608948921 1 8148059	21961661
##	54.42	0	0	0	0
##	54.53	0	0	0	0
##	59.96	0	0	0	0
##	61.24	0	0	0	0
##	61.49	0	0	0	0
##	62.5	0	0	0	0
##	63.19	0	0	0	0
##	63.76	0	0	0	0
##	64.12	0	0	0	0
##	64.55	0	0	0	0
##	65.67	0	0	0	0
##	65.75	0	0	0	0
##	66.2	0	0	0	0
##	66.52	0	0	0	0
##	66.72	0	0	0	0
##	68.51	0	0	0	0
##	70.39	0	0	0	0
##	71.73	0	0	0	0
##		0		()	0
##	72.49		0	0	•
	72.76	0	0	0	0
##	72.76 73.16	0 0	0 0	0	0
##	72.76 73.16 73.34	0 0 0	0 0 0	0 0 0	0 0
## ##	72.76 73.16 73.34 73.7	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0
## ## ##	72.76 73.16 73.34 73.7 73.81	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0
## ## ## ##	72.76 73.16 73.34 73.7 73.81 74.2	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0
## ## ##	72.76 73.16 73.34 73.7 73.81	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0

##	74.65	0	0	0	0
##	74.72	0	0	0	0
##	75.89	0	0	0	0
##	76.1	0	0	0	0
##	76.2	0	0	0	0
##	76.31	0	0	0	0
##	76.39	0	0	0	0
##	76.53	0	0	0	0
##	76.83	0	0	0	0
##	77.61	0	0	0	0
##	78.11	0	0	0	0
##	78.18	0	0	0	0
##	78.27	0	0	0	0
##	78.29	0	0	0	0
##	78.54	0	0	0	0
##	78.85	0	0	0	0
##	79.08	0	0	0	0
##	79.19	0	0	0	0
##	79.42	0	0	0	0
##	79.83	0	0	0	0
##	81.25	0	0	0	0
##	81.72	0	0	0	0
##	81.92	0	0	0	0
##	82.53	0	0	0	0
##	82.57	0	0	1	0
##	82.85	0	0	0	0
##	82.89	0	0	0	0
##	83.51	0	0	0	0
##	85.63	0	0	0	0
##	86.18	0	0	0	0
##	86.34	0	0	0	0
## ##	86.87 87.19	0	0	0	0
##	87.21	0	0	0	0 1
##	87.38	0	0	0	0
##	87.88	0	0	0	0
##	88.05	0	0	0	0
##	88.06	0	0	0	0
##	88.44	0	0	0	0
##	89.75	0	0	0	0
##	89.79	0	0	0	0
##	90.3	0	0	0	0
##	90.96	0	0	0	0
##	91.12	0	0	0	0
##	91.38	0	0	0	0
##	91.43	0	0	0	0
##	92.51	0	0	0	0
##	93.97	0	0	0	0
##	94.15	0	0	0	0
##	94.37	0	0	0	0
##	94.57	0	0	0	0
##	95.5	0	0	0	0
##	96.03	0	0	0	0
##	96.12	0	0	0	0

##	96.73	0	0	0	0
##	97.4	0	0	0	0
##	98.73	0	0	0	0
##	98.78	0	0	0	0
##	102.1	0	0	0	0
##	102.7	0	0	0	0
##	104.1	0	0	0	0
##	105.8	0	0	0	0
##	106.3	0	0	0	0
##	109	0	0	0	0
##	110.1	0	0	0	0
##	111.2	1	0	0	0
##	111.8	0	0	0	0
##	113.4	0	0	0	0
##	116	0	0	0	0
##	121.1	0	0	0	0
##	122.8	0	0	0	0
##	123.6	0	0	0	0
##	123.7	0	0	0	0
##	124.4	0	0	0	0
##	124.8	0	0	0	0
##	126.2	0	0	0	0
##	129.5	0	0	0	0
##	131.2	0	0	0	0
##	132.4	0	0	0	0
##	132.9	0	0	0	0
##	133.8	0	0	0	0
##	134.7	0	1	0	0
##	135.7	0	0	0	0
##	137.8	0	0	0	0
##	138.9	0	0	0	0
##	182.1	0	0	0	0
##	S	svm.pred			
##	actual	1.81938597632778	1.83087195674349	1.89286591745649	1.89289019806533
##	54.42	0	0	0	0
##	54.53	0	0	0	0
##	59.96	0	0	0	0
##	61.24	0	0	0	0
##	61.49	0	0	0	0
##	62.5	0	0	0	0
##	63.19	0	0	0	0
##	63.76	0	0	0	0
##	64.12	0	0	0	0
##	64.55	0	0	0	0
##	65.67	0	0	0	0
##	65.75	0	0	0	0
##	66.2	0	0	0	0
##	66.52	0	0	0	0
##	66.72	0	0	0	0
##	68.51	0	0	0	0
##	70.39	0	0	0	0
##	71.73	0	0	0	0
##	72.49	0	0	0	0
##	72.76	0	0	0	0

##	73.16	0	0	0	0
##	73.34	0	0	0	0
##	73.7	0	0	0	0
##	73.81	0	0	0	0
##	74.2	0	0	0	0
##	74.23	0	0	0	0
##	74.33	0	0	0	0
##	74.65	0	0	0	0
##	74.72	0	0	0	0
##	75.89	0	0	0	0
##	76.1	0	0	0	0
##	76.2	0	0	0	0
##	76.31	0	0	0	0
##	76.39	0	0	0	0
##	76.53	0	0	0	0
##	76.83	0	0	0	0
##	77.61	0	0	0	0
##	78.11	0	0	0	0
##	78.18	0	0	0	0
##	78.27	0	0	0	0
##	78.29	0	0	0	0
##	78.54	0	0	0	0
##	78.85	0	0	0	0
##	79.08	0	0	0	0
##	79.19	0	0	0	0
##	79.42	0	0	0	0
##	79.83	0	0	0	0
##	81.25	0	0	0	0
##	81.72	0	0	0	0
##	81.92	0	0	0	0
##	82.53	0	0	0	0
##	82.57	0	0	0	0
##	82.85	0	0	0	0
##	82.89	0	0	0	0
##	83.51	0	0	0	0
##	85.63	0	0	0	0
##	86.18	0	0	0	0
##	86.34	0	0	0	0
##	86.87	0	0	0	0
##	87.19	0	0	0	0
##	87.21	0	0	0	0
##	87.38	0	0	0	0
##	87.88	0	0	0	0
##	88.05	0	0	0	0
##	88.06 88.44	0	0	0	0
##	89.75	0	0	0	0
##	89.79	0	0	0	0
## ##	90.3	0	0	0	0
## ##	90.96	0	0	0	0
## ##	91.12	1	0	0	0
## ##	91.38	0	0	0	0
##	91.43	0	0	0	0
##	92.51	0	0	0	0
	JVI	•	•	•	9

##	93.97	0	0	0	0
##	94.15	0	0	0	0
##	94.37	0	0	0	0
##	94.57	0	0	0	0
##	95.5	0	0	0	0
##	96.03	0	0	0	0
##	96.12	0	0	0	0
##	96.73	0	0	0	0
##	97.4	0	0	0	0
##	98.73	0	0	0	0
##	98.78	0	0	0	0
##	102.1	0	0	0	0
##	102.7	0	0	0	0
##	104.1	0	0	0	0
##	105.8	0	0	0	0
##	106.3	0	0	0	0
##	109	0	0	0	0
##	110.1	0	0	0	0
##	111.2	0	0	0	0
##	111.8	0	0	0	0
##	113.4	0	0	0	0
##	116	0	0	0	0
##	121.1	0	0	0	0
##	122.8	0	0	0	1
##	123.6	0	0	0	0
##	123.7	0	0	0	0
##	124.4	0	0	0	0
##	124.8	0	0	0	0
##	126.2	0	0	0	0
##	129.5	0	0	0	0
##	131.2	0	0	0	0
##	132.4	0	0	0	0
##	132.9	0	0	0	0
##	133.8	0	0	0	0
##	134.7	0	0	0	0
##	135.7	0	1	0	0
##	137.8	0	0	0	0
##	138.9	0	0	0	0
##	182.1	0	0	1	0
##	svm.pre				
##				1.92441782969331	
##	54.42	0	0	0	0
##	54.53	0	0	0	0
##	59.96	0	0	0	0
##	61.24	0	0	0	0
##	61.49	0	0	0	0
##	62.5	0	0	0	0
##	63.19	0	0	0	0
##	63.76	0	0	0	0
##	64.12	0	0	0	0
##	64.55	0	0	0	0
##	65.67	0	0	0	0
##	65.75	0	0	0	0
##	66.2	0	0	0	0

##	66.52	0	0	0	0
##	66.72	0	0	0	0
##	68.51	0	0	0	0
##	70.39	0	0	0	0
##	71.73	0	0	0	0
##	72.49	0	0	0	0
##	72.76	0	0	0	0
##	73.16	0	0	0	0
##	73.34	0	0	0	0
##	73.7	0	0	0	0
##	73.81	0	0	0	0
##	74.2	0	0	0	0
##	74.23	0	0	0	0
##	74.33	0	0	0	0
##	74.65	0	0	0	0
##	74.72	0	0	0	0
##	75.89	0	0	0	0
##	76.1	0	0	0	0
##	76.2	0	0	0	0
##	76.31	0	0	0	0
##	76.39	0	0	0	0
##	76.53	0	0	0	0
##	76.83	0	0	0	0
##	77.61	0	0	0	0
##	78.11	0	0	0	0
##	78.18	0	0	0	0
##	78.27	0	0	0	0
##	78.29	0	0	0	0
##	78.54	0	0	0	0
##	78.85	0	0	0	0
##	79.08	0	0	0	0
##	79.19	0	0	0	0
##	79.42	0	0	0	0
##	79.83	0	0	0	0
##	81.25	0	0	0	0
##	81.72	0	0	0	0
##	81.92	0	0	0	0
##	82.53	0	0	0	0
##	82.57	0	0	0	0
##	82.85	0	0	0	0
##	82.89	0	0	0	0
##	83.51	0	0	0	0
##	85.63	0	0	0	0
##	86.18	0	0	0	0
##	86.34	0	0	0	0
##	86.87	0	0	0	0
##	87.19	0	0	0	0
##	87.21	0	0	0	0
##	87.38	0	0	0	0
##	87.88	0	0	0	0
##	88.05	0	0	0	0
##	88.06	0	0	0	0
##	88.44	0	0	0	0
##	89.75	0	0	0	0

##	89.79	0	0	0	0
##	90.3	0	0	0	0
##	90.96	0	0	0	0
##	91.12	0	0	0	
##	91.38	0	0	0	0
##	91.43	0	0	0	0
##	92.51	0	0	0	0
##	93.97	0	0	0	0
##	94.15	0	0	0	0
##	94.37	0	0	0	0
##	94.57	0	0	0	0
##	95.5	0	0	0	0
##	96.03	0	0	0	0
##	96.12	0	0	0	0
##	96.73	0	0	0	0
##	97.4	0	0	0	0
##	98.73	0	0	0	0
##	98.78	0	0	0	0
##	102.1	0	0	1	0
##	102.7	0	0	0	0
##	104.1	0	1	0	0
##	105.8	0	0	0	0
##	106.3	0	0	0	0
##	109	0	0	0	0
##	110.1	0	0	0	0
##	111.2	0	0	0	0
##	111.8	0	0	0	0
##	113.4	0	0	0	0
##	116	1	0	0	0
##	121.1	0	0	0	0
##	122.8	0	0	0	0
##	123.6	0	0	0	0
##	123.7	0	0	0	0
##	124.4	0	0	0	1
##	124.8	0	0	0	0
##	126.2	0	0	0	0
##	129.5	0	0	0	0
##	131.2	0	0	0	0
##	132.4	0	0	0	0
##	132.9	0	0	0	0
##	133.8	0	0	0	0
##	134.7	0	0	0	0
##	135.7	0	0	0	0
##	137.8	0	0	0	0
##	138.9	0	0	0	0
##	182.1	0	0	0	0
##	svm	.pred			
##			1.95591330302474	1.9680881934525	1.97308711099322
##	54.42	0	0	0	0
##	54.53	0	0	0	0
##	59.96	0	0	0	0
##	61.24	0	0	0	0
##	61.49	0	0	0	0
##	62.5	0	0	0	0

##	63.19	0	0	0	0
##	63.76	0	0	0	0
##	64.12	0	0	0	0
##	64.55	0	0	0	0
##	65.67	0	0	0	0
##	65.75	0	0	0	0
##	66.2	0	0	0	0
##	66.52	0	0	0	0
##	66.72	0	0	0	0
##	68.51	0	0	0	0
##	70.39	0	0	0	0
##	71.73	0	0	0	0
##	72.49	0	0	0	0
##	72.76	0	0	0	0
##	73.16	0	0	0	0
##	73.34	0	0	0	0
##	73.7	0	0	0	0
##	73.81	0	0	0	0
##	74.2	0	0	0	0
##	74.23	0	0	0	0
##	74.33	0	0	0	0
##	74.65	0	0	0	0
##	74.72	0	0	0	0
##	75.89	0	0	0	0
##	76.1 76.2	0	0	0	0
## ##	76.2	0	0	0	0
##	76.39	0	0	0	0
##	76.53	0	0	0	0
##	76.83	0	0	0	0
##	77.61	0	0	0	0
##	78.11	0	0	0	0
##	78.18	0	0	0	0
##	78.27	0	0	0	0
##	78.29	0	0	0	0
##	78.54	0	0	0	0
##	78.85	0	0	0	0
##	79.08	0	0	0	0
##	79.19	0	0	0	0
##	79.42	0	0	0	0
##	79.83	0	0	0	0
##	81.25	0	0	0	0
##	81.72	0	0	0	0
##	81.92	0	0	0	0
##	82.53	0	0	0	0
##	82.57	0	0	0	0
##	82.85	0	0	0	0
##	82.89	0	0	0	0
##	83.51	0	0	0	0
##	85.63	0	0	0	0
##	86.18	0	0	0	0
##	86.34	0	0	0	0
##	86.87	0	0	0	0
##	87.19	0	0	0	0

##	87.21	0	0	0	0
##	87.38	0	0	0	0
##	87.88	0	0	0	0
##	88.05	0	0	0	0
##	88.06	0	0	0	0
##	88.44	0	0	0	0
##	89.75	0	0	0	0
##	89.79	0	0	0	0
##	90.3	0	0	0	0
##	90.96	0	0	0	0
##	91.12	0	0	0	0
##	91.38	0	0	0	0
##	91.43	0	0	0	0
##	92.51	0	0	0	0
##	93.97	0	0	0	0
##	94.15	0	0	0	0
##	94.37	0	0	0	0
##	94.57	0	0	0	0
##	95.5	0	0	0	0
##	96.03	0	0	0	0
##	96.12	0	0	0	0
##	96.73	0	0	0	0
##	97.4	1	0	0	0
##	98.73	0	0	0	0
##	98.78	0	0	0	0
##	102.1	0	0	0	0
##	102.7	0	0	0	0
##	104.1	0	0	0	0
##	105.8	0	0	0	0
##	106.3	0	0	0	0
##	109	0	0	0	0
##	110.1	0	0	0	0
##	111.2	0	0	0	0
##	111.8	0	0	0	0
##	113.4	0	0	0	0
##	116	0	0	0	0
##	121.1	0	0	0	0
##	122.8	0	0	0	0
##	123.6	0	0	0	0
##	123.7	0	0	0	0
##	124.4	0	0	0	0
##	124.8	0	0	0	1
##	126.2	0	0	1	0
##	129.5	0	0	0	0
##	131.2	0	0	0	0
##	132.4	0	0	0	0
##	132.9	0	0	0	0
##	133.8	0	0	0	0
##	134.7	0	0	0	0
##	135.7	0	0	0	0
##	137.8	0	0	0	0
##	138.9	0	1	0	0
##	182.1	0	0	0	0
##	svm.pred				
	-				

##	actual	1.97877173724993	1.98912630749024	1.98991111541176	1.99996247007478
##	54.42	0	0	0	0
##	54.53	0	0	0	0
##	59.96	0	0	0	0
##	61.24	0	0	0	0
##	61.49	0	0	0	0
##	62.5	0	0	0	0
##	63.19	0	0	0	0
##	63.76	0	0	0	0
##	64.12	0	0	0	0
##	64.55	0	0	0	0
##	65.67	0	0	0	0
##	65.75	0	0	0	0
##	66.2	0	0	0	0
##	66.52	0	0	0	0
##	66.72	0	0	0	0
##	68.51	0	0	0	0
##	70.39	0	0	0	0
##	71.73	0	0	0	0
##	72.49	0	0	0	0
##	72.76	0	0	0	0
##	73.16	0	0	0	0
##	73.34	0	0	0	0
##	73.7	0	0	0	0
##	73.81	0	0	0	0
##	74.2	0	0	0	0
##	74.23	0	0	0	0
##	74.33	0	0	0	0
##	74.65 74.72	0	0	0	0
##	75.89	0	0	0	0
##	76.1	0	0	0	0
##	76.2	0	0	0	0
##	76.31	0	0	0	0
##	76.39	0	0	0	0
##	76.53	0	0	0	0
##	76.83	0	0	0	0
##	77.61	0	0	0	0
##	78.11	0	0	0	0
##	78.18	0	0	0	0
##	78.27	0	0	0	0
##	78.29	0	0	0	0
##	78.54	0	0	0	0
##	78.85	0	0	0	0
##	79.08	0	0	0	0
##	79.19	0	0	0	0
##	79.42	0	0	0	0
##	79.83	0	0	0	0
##	81.25	0	0	0	0
##	81.72	0	0	0	0
##	81.92	0	0	0	0
##	82.53	0	0	0	0
##	82.57	0	0	0	0
##	82.85	0	0	0	0

## 83.51 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	##	82.89	0	0	0	0
## 86.18 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	##	83.51	0	0	0	0
## 86.34 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	##	85.63	0	0	0	0
## 86.87 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	##	86.18	0	0	0	0
## 87.19 0 0 0 0 0 0 0 0 0 ## 87.31 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	##		0	0	0	0
## 87.21 0 0 0 0 0 0 0 0 0 ## 87.38 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	##	86.87	0	0	0	0
## 87.38	##		0	0	0	0
## 87.88	##		0	0	0	0
## 88.05	##			0		
## 88.06	##			0		
## 88.44 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	##			0		
## 89.75 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	##			0		
## 89.79 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						
## 90.3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						
## 90.96						
## 91.12						
## 91.38						
## 91.43 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						
## 92.51 0 0 0 0 0 0 0 0 0 ## 93.97 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						
## 94.15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						
## 94.15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						
## 94.37 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						
## 95.5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						
## 95.5 0 0 0 0 0 0 0 0 ## 96.03 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						
## 96.03						
## 96.12 0 0 0 0 0 0 0 0 ## 97.4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						
## 96.73						
## 97.4 0 0 0 0 0 0 0 0 ## 98.73 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						
## 98.73 0 0 0 0 0 0 0 0 ## 98.78 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						
## 98.78						
## 102.1 0 0 0 0 0 0 0 0 ## 102.7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						
## 102.7 0 0 0 0 0 0 0 0 ## 104.1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						
## 104.1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						
## 105.8 0 0 0 0 0 0 0 0 ## 106.3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						
## 106.3 0 0 0 0 0 0 0 0 ## 110.1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						
## 109 0 0 0 0 ## 110.1 0 0 0 0 ## 111.2 0 0 0 0 ## 111.8 0 0 0 0 ## 113.4 0 1 0 0 ## 116 0 0 0 0 ## 121.1 0 0 0 0 ## 122.8 0 0 0 0 ## 123.6 0 0 0 0 ## 123.7 0 0 0 0 ## 124.4 0 0 0 0 ## 124.8 0 0 0 0 ## 129.5 0 0 0 0 ## 131.2 1 0 0 0 ## 132.4 0 0 0 0						
## 110.1 0 0 0 0 ## 111.2 0 0 0 0 ## 111.8 0 0 0 0 ## 113.4 0 1 0 0 ## 116 0 0 0 0 ## 121.1 0 0 0 0 ## 122.8 0 0 0 0 ## 123.6 0 0 0 0 ## 123.7 0 0 0 0 ## 124.4 0 0 0 0 ## 124.8 0 0 0 0 ## 129.5 0 0 0 0 ## 131.2 1 0 0 0 ## 132.4 0 0 0 0	##					
## 111.2 0 0 0 0 ## 111.8 0 0 0 0 ## 113.4 0 1 0 0 ## 116 0 0 0 0 ## 121.1 0 0 0 0 ## 122.8 0 0 0 0 ## 123.6 0 0 0 0 ## 123.7 0 0 0 0 ## 124.4 0 0 0 0 ## 126.2 0 0 0 0 ## 131.2 1 0 0 0 ## 132.4 0 0 0 0			0	0	0	0
## 113.4 0 1 0 0 ## 116 0 0 0 0 ## 121.1 0 0 0 0 ## 122.8 0 0 0 0 ## 123.6 0 0 0 0 ## 123.7 0 0 0 0 ## 124.4 0 0 0 0 ## 124.8 0 0 0 0 ## 126.2 0 0 0 0 ## 131.2 1 0 0 0 ## 132.4 0 0 0 0	##		0	0	0	0
## 116 0 0 0 0 ## 121.1 0 0 0 0 ## 122.8 0 0 0 0 ## 123.6 0 0 0 0 ## 123.7 0 0 0 0 1 ## 124.4 0 0 0 0 0 ## 124.8 0 0 0 0 0 ## 126.2 0 0 0 0 0 ## 131.2 1 0 0 0 0 ## 132.4 0 0 0 0 0	##	111.8	0	0	0	0
## 121.1 0 0 0 0 ## 122.8 0 0 0 0 ## 123.6 0 0 0 0 ## 123.7 0 0 0 0 1 ## 124.4 0 0 0 0 0 ## 124.8 0 0 0 0 0 ## 126.2 0 0 0 0 0 ## 129.5 0 0 1 0 0 ## 131.2 1 0 0 0 0 ## 132.4 0 0 0 0 0	##	113.4	0	1	0	0
## 122.8 0 0 0 0 ## 123.6 0 0 0 0 ## 123.7 0 0 0 0 1 ## 124.4 0 0 0 0 0 ## 124.8 0 0 0 0 0 ## 126.2 0 0 0 0 0 ## 129.5 0 0 1 0 ## 131.2 1 0 0 0 ## 132.4 0 0 0 0	##		0	0	0	0
## 123.6 0 0 0 0 0 0 0 0 0 0 1 ## 124.4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	##		0	0	0	0
## 123.7 0 0 0 1 ## 124.4 0 0 0 0 ## 124.8 0 0 0 0 ## 126.2 0 0 0 0 ## 129.5 0 0 1 0 ## 131.2 1 0 0 0 ## 132.4 0 0 0 0	##					0
## 124.4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	##					0
## 124.8 0 0 0 0 0 0 0 ## 126.2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						
## 126.2 0 0 0 0 0 0 ## 129.5 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						
## 129.5 0 0 1 0 ## 131.2 1 0 0 0 ## 132.4 0 0 0						
## 131.2 1 0 0 0 ## 132.4 0 0 0 0						
## 132.4 0 0 0 0						
## 152.9 0 0 0						
	##	132.9	U	U	U	U

##	133.8	0	0	0	0
##	134.7	0	0	0	0
##	135.7	0	0	0	0
##	137.8	0	0	0	0
##	138.9	0	0	0	0
##	182.1	0	0	0	0
##	svm.pr	red			
##	actual 2.025	43986255012	2.05156486783855	2.05209221127718	2.06194670822561
##	54.42	0	0	0	0
##	54.53	0	0	0	0
##	59.96	0	0	0	0
##	61.24	0	0	0	0
##	61.49	0	0	0	0
##	62.5	0	0	0	0
##	63.19	0	0	0	0
##	63.76	0	0	0	0
##	64.12	0	0	0	0
##	64.55	0	0	0	0
##	65.67	0	0	0	0
##	65.75	0	0	0	0
##	66.2	0	0	0	0
##	66.52	0	0	0	0
##	66.72 68.51	0	0	0	0
## ##	70.39	0	0	0	0
##	70.39	0	0	0	0
##	72.49	0	0	0	0
##	72.76	0	0	0	0
##	73.16	0	0	0	0
##	73.34	0	0	0	0
##	73.7	0	0	0	0
##	73.81	0	0	0	0
##	74.2	0	0	0	0
##	74.23	0	0	0	0
##	74.33	0	0	0	0
##	74.65	0	0	0	0
##	74.72	0	0	0	0
##	75.89	0	0	0	0
##	76.1	0	0	0	0
##	76.2	0	0	0	0
##	76.31	0	0	0	0
##	76.39	0	0	0	0
##	76.53	0	0	0	0
##	76.83	0	0	0	0
##	77.61	0	0	0	0
##	78.11	0	0	0	0
##	78.18	0	0	0	0
##	78.27	0	0	0	0
##	78.29	0	0	0	0
## ##	78.54 78.85	0	0	0	0
##	78.85 79.08	0	0	0	0
##	79.08	0	0	0	0
##	79.19	0	0	0	0
π#	10.44	U	U	U	U

##	79.83	0	0	0	0
##	81.25	0	0	0	0
##	81.72	0	0	0	0
##	81.92	0	0	0	0
##	82.53	0	0	0	0
##	82.57	0	0	0	0
##	82.85	0	0	0	0
##	82.89	0	0	0	0
##	83.51	0	0	0	0
##	85.63	0	0	0	0
##	86.18	0	0	0	0
##	86.34	0	0	0	0
##	86.87	0	0	0	0
##	87.19	0	0	0	0
##	87.21	0	0	0	0
##	87.38	0	0	0	0
##	87.88	0	0	0	0
##	88.05	0	0	0	0
##	88.06	0	0	0	0
##	88.44	0	0	0	0
##	89.75	0	0	0	0
##	89.79	0	0	0	0
##	90.3	0	0	0	0
##	90.96	0	0	0	0
##	91.12	0	0	0	0
##	91.38	0	0	0	0
##	91.43	0	0	0	0
##	92.51	0	0	0	0
##	93.97	0	0	0	0
##	94.15	0	0	0	0
##	94.37	0	0	0	0
##	94.57	0	0	0	0
##	95.5	0	0	0	0
##	96.03	0	0	0	0
##	96.12	0	0	0	0
##	96.73	0	0	0	0
##	97.4	0	0	0	0
##	98.73	0	0	0	0
##	98.78	0	0	0	0
##	102.1	0	0	0	0
##	102.7	0	0	0	0
##	104.1	0	0	0	0
##	105.8	0	0	0	0
##	106.3	0	0	0	0
##	109	0	0	0	0
##	110.1	0	1	0	0
##	111.2	0	0	0	0
##	111.8	0	0	0	1
##	113.4	0	0	0	0
##	116	0	0	0	0
##	121.1	0	0	0	0
##	122.8	0	0	0	0
##	123.6	0	0	0	0
##	123.7	0	0	0	0

##	124.4	0	0	0	0
##	124.8	0	0	0	0
##	126.2	0	0	0	0
##	129.5	0	0	0	0
##	131.2	0	0	0	0
##	132.4	0	0	1	0
##	132.9	0	0	0	0
##	133.8	0	0	0	0
##	134.7	0	0	0	0
##	135.7	0	0	0	0
##	137.8	1	0	0	0
##	138.9	0	0	0	0
##	182.1	0	0	0	0
##	S	vm.pred			
##	actual :	2.06330534269185	2.08103789007547	2.08955243303036	2.09208176381217
##	54.42	0	0	0	0
##	54.53	0	0	0	0
##	59.96	0	0	0	0
##	61.24	0	0	0	0
##	61.49	0	0	0	0
##	62.5	0	0	0	0
##	63.19	0	0	0	0
##	63.76	0	0	0	0
##	64.12	0	0	0	0
##	64.55	0	0	0	0
##	65.67	0	0	0	0
##	65.75	0	0	0	0
##	66.2	0	0	0	0
##	66.52	0	0	0	0
##	66.72	0	0	0	0
##	68.51	0	0	0	0
##	70.39	0	0	0	0
##	71.73	0	0	0	0
##	72.49	0	0	0	0
##	72.76	0	0	0	0
##	73.16	0	0	0	0
##	73.34	0	0	0	0
##	73.7	0	0	0	0
##	73.81	0	0	0	0
##	74.2	0	0	0	0
##	74.23	0	0	0	0
##	74.33	0	0	0	0
##	74.65	0	0	0	0
##	74.72	0	0	0	0
##	75.89	0	0	0	0
##	76.1	0	0	0	0
##	76.2	0	0	0	0
##	76.31	0	0	0	0
##	76.39	0	0	0	0
##	76.53	0	0	0	0
##	76.83	0	0	0	0
##	77.61	0	0	0	0
##	78.11	0	0	0	0
##	78.18	0	0	0	0
		· ·	ŭ	ŭ	ŭ

##	78.27	0	0	0	0
##	78.29	0	0	0	0
##	78.54	0	0	0	0
##	78.85	0	0	0	0
##	79.08	0	0	0	0
##	79.19	0	0	0	0
##	79.42	0	0	0	0
##	79.83	0	0	0	0
##	81.25	0	0	0	0
##	81.72	0	0	0	0
##	81.92	0	0	0	0
##	82.53	0	0	0	0
##	82.57	0	0	0	0
##	82.85	0	0	0	0
##	82.89	0	0	0	0
##	83.51	0	0	0	0
##	85.63	0	0	0	0
##	86.18	0	0	0	0
##	86.34	0	0	0	0
##	86.87	0	0	0	0
##	87.19	0	0	0	0
##	87.21	0	0	0	0
##	87.38	0	0	0	0
##	87.88	0	0	0	0
##	88.05	0	0	0	0
##	88.06	0	0	0	0
##	88.44	0	0	0	0
##	89.75	0	0	0	0
##	89.79	0	0	0	0
##	90.3	0	0	0	0
##	90.96	0	0	0	0
##	91.12	0	0	0	0
##	91.38	0	0	0	0
##	91.43	0	0	0	0
##	92.51	0	0	0	0
##	93.97	0	0	0	0
##	94.15	0	0	0	0
##	94.37	0	0	0	0
##	94.57	0	0	0	0
##	95.5	0	0	0	0
##	96.03	0	0	0	0
##	96.12	0	0	0	0
##	96.73	0	0	0	1
##	97.4	0	0	0	0
##	98.73	0	0	0	0
##	98.78	0	0	0	0
##	102.1	0	0	0	0
##	102.7	0	0	0	0
##	104.1	0	0	0	0
##	105.8	0	0	0	0
##	106.3	0	0	0	0
##	109	0	0	0	0
##	110.1	0	0	0	0
##	111.2	0	0	0	0

##	111.8	0	0	0	0
##	113.4	0	0	0	0
##	116	0	0	0	0
##	121.1	0	1	0	0
##	122.8	0	0	0	0
##	123.6	0	0	0	0
##	123.7	0	0	0	0
##	124.4	0	0	0	0
##	124.8	0	0	0	0
##	126.2	0	0	0	0
##	129.5	0	0	0	0
##	131.2	0	0	0	0
##	132.4	0	0	0	0
##	132.9	1	0	0	0
##	133.8	0	0	1	0
##	134.7 135.7	0	0	0	0
## ##	135.7	0	0	0	0
##	137.8	0	0	0	0
##	182.1	0	0	0	0
##		svm.pred	U	U	U
	actual	2.09495341577714	2 1268482940321		
##	54.42	0	0		
##	54.53	0	0		
##	59.96	0	0		
##	61.24	0	0		
##	61.49	0	0		
##	62.5	0	0		
##	63.19	0	0		
##	63.76	0	0		
##	64.12	0	0		
##	64.55	0	0		
##	65.67	0	0		
##	65.75	0	0		
##	66.2	0	0		
##	66.52	0	0		
##	66.72	0	0		
##	68.51	0	0		
##	70.39	0	0		
##	71.73	0	0		
##	72.49	0	0		
##	72.76	0	0		
##	73.16	0	0		
##	73.34	0	0		
##	73.7	0	0		
##	73.81	0	0		
##	74.2	0	0		
##	74.23	0	0		
##	74.33	0	0		
## ##	74.65 74.72	0	0		
##	75.89	0	0		
##	76.1	0	0		
##	76.1	0	0		
##	10.2	U	U		

##	76.31	0	0
##	76.39	0	0
##	76.53	0	0
##	76.83	0	0
##	77.61	0	0
##	78.11	0	0
##	78.18	0	0
##	78.27	0	0
##	78.29	0	0
##	78.54	0	0
##	78.85	0	0
##	79.08	0	0
##	79.19	0	0
##	79.42	0	0
##	79.83	0	0
##	81.25	0	0
##	81.72	0	0
##	81.92	0	0
##	82.53	0	0
##	82.57	0	0
##	82.85	0	0
##	82.89	0	0
##	83.51	0	0
##	85.63	0	0
##	86.18	0	0
## ##	86.34 86.87	0 0	0
##	87.19	0	0
##	87.13	0	0
##	87.38	0	0
##	87.88	0	0
##	88.05	0	0
##	88.06	0	0
##	88.44	0	0
##	89.75	0	0
##	89.79	0	0
##	90.3	0	0
##	90.96	0	0
##	91.12	0	0
##	91.38	0	0
##	91.43	0	0
##	92.51	0	0
##	93.97	0	0
##	94.15	0	0
##	94.37	0	0
##	94.57	0	0
##	95.5	0	0
##	96.03	0	0
##	96.12	0	0
##	96.73	0	0
## ##	97.4 98.73	0 0	0
##	98.78	0	0
##	102.1	0	0
π	102.1	v	J

```
102.7
                                             0
##
                           0
##
     104.1
                           0
                                             0
                           0
                                             0
##
     105.8
##
     106.3
                           0
                                             0
                                             0
##
     109
                           1
##
     110.1
                           0
                                             0
##
     111.2
                           0
                                             0
##
     111.8
                           0
                                             0
##
     113.4
                           0
                                             0
     116
##
                           0
                                             0
                           0
##
     121.1
                                             0
                           0
                                             0
##
     122.8
                           0
##
     123.6
                                             1
                           0
##
     123.7
                                             0
                           0
##
     124.4
                                             0
##
     124.8
                           0
                                             0
##
     126.2
                           0
                                             0
##
     129.5
                           0
                                             0
##
     131.2
                           0
                                             0
                           0
                                             0
##
     132.4
##
     132.9
                           0
                                             0
                           0
                                             0
##
     133.8
##
     134.7
                           0
                                             0
                           0
##
     135.7
                                             0
##
                           0
                                             0
     137.8
##
     138.9
                           0
                                             0
##
     182.1
                           0
                                             0
```

SVM_wrong<- (test\$diagnosis!=svm.pred)
rate<-sum(SVM_wrong)/length(SVM_wrong)</pre>

Memory Clean up

rm(list=ls())