Field station field surveys (sagebrush present/absent) vs landfire v3 sagebrush present/absent

339 total points (with 36 unknown field points removed)

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | Field surveys | Field surveys |
|  |  | Present | Absent |
| landfire | Present | 169 | 25 |
| Landfire | Absent | 18 | 127 |

> accuracy(cbind(c(169,25), c(18,127)))

Accuracy (PCC): 87.3156342182891%

Cohen's Kappa: 0.7425

Area under the ROC curve: 0.8696348

Users accuracy:

0 1

87.1 87.6

Producers accuracy:

0 1

90.4 83.6

True Skill statistic: 0.7469961

Sensitivity (aka recall): 0.9037433

Specificity: 0.8355263

Gain (aka precision): 0.9976839

Positive Likelihood Ratio: 5.494759

Negative Likelihood Ratio: 0.1152049

Type I error (commission): 0.1644737

Type II error (omission): 0.09625668

Gini Index: 0.7392696

F-score: 0.8871391

Matthews correlation coefficient: 0.7431228

Confusion matrix

0 1

0 "True positive(169)" "False positive(25)"

1 "False negative(18)" "True negative(127)"

>