

graphlab.evaluation.confusion_matrix

`graphlab.evaluation.confusion_matrix` (*targets, predictions*)

Compute the confusion matrix for classifier predictions.

Parameters: **targets** : SArray

Ground truth class labels.

predictions : SArray

The prediction that corresponds to each target value. This vector must have the same length as `targets`.

Returns: **out** : SFrame

An SFrame containing counts for 'target_label', 'predicted_label' and 'count' corresponding to each pair of true and predicted labels.

! See also

`accuracy`

Examples

```
>>> targets = graphlab.SArray([0, 1, 1, 0])
>>> predictions = graphlab.SArray([0.1, 0.35, 0.7, 0.99])
>>> graphlab.evaluation.confusion_matrix(targets, predictions)
```