

tf.contrib.metrics.streaming_false_positives

```
streaming_false_positives(  
    predictions,  
    labels,  
    weights=None,  
    metrics_collections=None,  
    updates_collections=None,  
    name=None  
)
```

Defined in [tensorflow/contrib/metrics/python/ops/metric_ops.py](#).

See the guide: [Metrics \(contrib\)](#) > Metric **Ops**

Sum the weights of false positives.

If **weights** is **None**, weights default to 1. Use weights of 0 to mask values.

Args:

- **predictions**: The predicted values, a **Tensor** of arbitrary dimensions. Will be cast to **bool**.
- **labels**: The ground truth values, a **Tensor** whose dimensions must match **predictions**. Will be cast to **bool**.
- **weights**: Optional **Tensor** whose rank is either 0, or the same rank as **labels**, and must be broadcastable to **labels** (i.e., all dimensions must be either **1**, or the same as the corresponding **labels** dimension).
- **metrics_collections**: An optional list of collections that the metric value variable should be added to.
- **updates_collections**: An optional list of collections that the metric update ops should be added to.
- **name**: An optional variable_scope name.

Returns:

- **value_tensor**: A **Tensor** representing the current value of the metric.
- **update_op**: An operation that accumulates the error from a batch of data.

Raises:

- **ValueError**: If **predictions** and **labels** have mismatched shapes, or if **weights** is not **None** and its shape doesn't match **predictions**, or if either **metrics_collections** or **updates_collections** are not a list or tuple.

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