

## tf.keras.backend.in\_top\_k

```
in_top_k(  
    predictions,  
    targets,  
    k  
)
```

Defined in [tensorflow/python/keras/\\_impl/keras/backend.py](#).

Returns whether the `targets` are in the top `k` `predictions`.

## Arguments:

- `predictions`: A tensor of shape `(batch_size, classes)` and type `float32`.
- `targets`: A 1D tensor of length `batch_size` and type `int32` or `int64`.
- `k`: An `int`, number of top elements to consider.

## Returns:

A 1D tensor of length `batch_size` and type `bool`. `output[i]` is `True` if `predictions[i, targets[i]]` is within top-`k` values of `predictions[i]`.

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