
Segmentor

```
function [indices, threshold,tempo] = Segmentor(data,labels)
    [~, wid] = size(data);
    tempo = zeros(wid,1);
    return_threshold = zeros(wid,1);
    for index = 1:wid
        select_col = data(:,index);
        unique_col = unique(select_col);
        temp = ones(length(unique_col),1);
        for i = 1:length(unique_col)
            left_label_hist = labels(select_col >
unique_col(i));
            right_label_hist = labels(select_col <=
unique_col(i));
            temp(i) =
Impurity(left_label_hist,right_label_hist);
        end
        [tempo(index), index_val] = max(temp);
        return_threshold(index) = unique_col(index_val);
    end
    [~, indices] = max(tempo);
    threshold = return_threshold(indices);
end
```

Not enough input arguments.

Error in Segmentor (line 3)

```
    [~, wid] = size(data);
```

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