## \* Ensemble of classifiers

det c1, ---, ck are set of classifiers. We check one of the parameter, says accuracy fi' to give ranking to give ranking to give ranking to classifiers.

det on ranking, we got the following order).

$$C_{(1)}^{*} > C_{(2)}^{*} > -- > C_{(K)}^{*}$$

Weights  $\Xi_{1}$ 
 $\Xi_{2}$ 
 $\Xi_{K}$ 

Weights for the classifiers of the classifiers after ordering in decreasing order as follows:

 $T_{1}=1$ 
 $\Xi_{1}$ 
 $T_{2}=1$ 
 $\Xi_{1}$ 
 $T_{3}=1$ 
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 $\Xi_{4}$ 
 $\Xi_{1}$ 
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 $\Xi_{4}$ 
 $\Xi_{4}$ 

for j = 2, ---, K

Then weights are

So we got

$$C_{(1)}^{*} > C_{(2)}^{*} - - > C_{(K)}^{*}$$
 $L$ 
 $E_{1}$ 
 $E_{2}$ 
 $E_{K}$ 

Apply

$$\frac{\mathcal{E}_{1}C_{(1)}^{*}+\mathcal{E}_{2}C_{(2)}^{*}+--+\mathcal{E}_{K}G_{(K)}^{*}}{K}$$

$$\frac{K}{1+} \quad \text{TI } \mathcal{E}_{i}C_{(i)}^{*}$$

$$i=1$$

for final prediction.