

# Test

Trial 1  
( $y_{\text{true}} = \text{Act}$ )

Trial 2  
( $y_{\text{true}} = \text{Int}$ )

...

Trial  $n$   
( $y_{\text{true}} = \text{Sit}$ )

Act, Int, Sit

0.8, 0.0, 0.2

0.9, 0.1, 0.0

...

0.5, 0.2, 0.3

Act, Int, Sit

0.3, 0.4, 0.3

0.3, 0.5, 0.2

...

0.1, 0.4, 0.5

Act, Int, Sit

0.4, 0.1, 0.5

0.2, 0.6, 0.2

...

0.3, 0.4, 0.3

(1)

Keep track of class probabilities across different bagging iterations

$\Sigma(\text{rows})$

$\Sigma(\text{rows})$

$\Sigma(\text{rows})$

(2)

Determine final class prediction through 'soft-voting' (argmax over summed probabilities)

argmax

argmax

argmax

$y_{\text{pred}} = \text{Act}$

$y_{\text{pred}} = \text{Int}$

$y_{\text{pred}} = \text{Sit}$

(3)

Construct a confusion matrix with (here) precision values using the final class predictions

