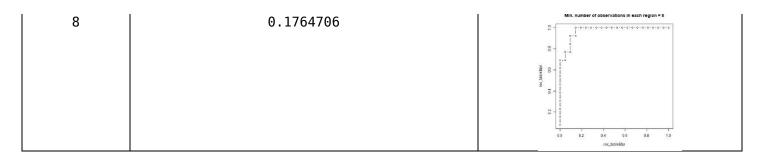
The stopping criteria was defined as minimum number of observations in each region.

The iris dataset was partitioned into train and validation sets in the ratio 2:1. Miss-classification error and ROC 'curves' for different stopping criteria:

The same sample(set.seed(1)) was used to fit trees with different stopping criteria.

Stopping criteria	Miss-classification error (t = 0.5)	ROC 'curve'
2	0.1470588	Min. number of observations in each region = 2
		2 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -
		0-0-0
		00 P 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
		2 - 1
		8 -
	0.1470500	0.2 0.4 0.6 0.8 1.0 mor_bildefor Min, number of observations in each region = 3
3	0.1470588	2 - c.o.s.s.s.s.s.s.s.s.s.s.s.s.s.s.s.s.s
		B - 1 0 0 - 0 - 0
		roc. Labertary
		1
		15 T T T T T T T T T T T T T T T T T T T
		0.2 0.4 0.6 0.8 1.0 roc_tals/stpr
4	0.05882353	Min. number of observations in each region = 4
		80 - 8
		10 (10 (10 (10 (10 (10 (10 (10 (10 (10 (
		1
		25 nd
		0.2 8.4 0.6 0.8 1.0
5	0.05882353	Min. number of observations in each region = 5
		8 - 1
		10 10 10 10 10 10 10 10 10 10 10 10 10 1
		H 200
		8 - 1
		92 0.4 0.6 0.8 1.0 roc_bbisSpr
6	0.1764706	Min. number of observations in each region = 6
		3-1
		10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
		2 - 1
		00 02 04 08 08 10
7	0.1764706	nc_balester Min, number of observations in each region = 7
	3.2.31700	B - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -
		5
		Massac 20
		2 - 1
		į
		0.0 0.2 0.4 0.8 1.0 roc_balle/figer



Using a different sample(set.seed(7)):

Stopping Miss-classification error (t = 0.5) ROC 'curve'		
Stopping criteria		NOC CUIVE
2	0.1176471	Min. number of observations in each region = 2 0
3	Θ	Min. number of observations in each region = 3 C =
4	0.02941176	Min. number of observations in each region = 4
5	0.02941176	Min. number of observations in each region = 5 C =
6	0.02941176	Min. number of observations in each region = 6

7	0.08823529	Min. number of observations in each region = 7
8	0.08823529	Min. number of observations in each region = 8 O