



# Subsample tree

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*Version 1.0.0, by Giorgio Bianchini*

**Description:** Removes taxa from the tree until only the requested number of taxa remain.

**Module type:** FurtherTransformation

**Module ID:** 2b9a5563-4acf-49df-9cbc-46623975081e

## Parameters

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### Type

**Control type:** Drop-down list

**Default value:** Relative

**Possible values:**

- Relative
- Absolute

This parameter determines whether the number of taxa to leave in the tree should be specified as a relative value (e.g., 50% of the total number of taxa), or as an absolute value (e.g., 100 taxa).

### Threshold

**Control type:** Slider

**Default value:** 50.0 %

**Range:** [ 0.0 %, 100.0 % ]

This slider is used to specify the number of taxa to leave in the tree when the [Type](#) combo box is set to `Relative`. At least three taxa are always left in the tree.

### Threshold

**Control type:** Number spin box

**Default value:** 1

**Range:** [ 3,  $+\infty$  )

This number box is used to specify the number of taxa to leave in the tree when the [Type](#) combo box is set to `Absolute` . At least three taxa are always left in the tree.

## Criterion

**Control type:** Drop-down list

**Default value:** Shortest branch

**Possible values:**

- Shortest branch
- Longest branch

For each pair of leaves one of which must be removed for the tree, this parameter determines whether the one with the shortest or longest branch is removed.

## Average lengths

**Control type:** Check box

**Default value:** Checked

If this check box is unchecked, branch lengths are not changed. Otherwise, for each pair of leaves one of which must be removed for the tree, the length of the surviving leaf is set to the average of the lengths of the two leaves.

## Apply

**Control type:** Button

This button applies the changes to the values of the other parameters and triggers a redraw of the tree.