

# Scale bar

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*Version 1.0.0, by Giorgio Bianchini*

**Description:** Draws a scale bar.

**Module type:** Plotting

**Module ID:** 195bdabf-c5cf-4daf-992f-7a86a600beec

This module is used to draw a scale bar below the tree plot.

## Parameters

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### Scale size

**Control type:** Slider

**Default value:** 20 %

**Range:** [ 0 %, 100 % ]

This parameter determines the length of the scale bar (expressed as a proportion of the total length from the root of the tree to the farthest tip).

### Digits

**Control type:** Number spin box

**Default value:** 2

**Range:** [ 1,  $+\infty$  )

This parameter determines the number of decimal digits used to show the size of the scale bar.

### Line thickness

**Control type:** Number spin box


**Default value:** 1

**Range:** [ 0,  $+\infty$  )

This parameter determines the thickness of the scale bar.

### Colour

**Control type:** Colour

**Default value:**  #000000 (opacity: 100%)

This parameter determines the colour used to draw the scale bar.

## Font

**Control type:** Font

**Default value:** Helvetica 10pt

This parameter determines the font used for the label of the scale bar.

## Position

**Control type:** Point

**Default value:** ( 0, 0 )

This parameter determines the offset from the default position at which the scale bar is drawn.

## Angle

**Control type:** Slider

**Default value:** 0°

**Range:** [ 0°, 360° ]

This parameter determines the rotation angle of the scale bar. If the value is 0°, the scale bar is horizontal.