## Input

**Data**
(manifest variables - MV)

**catvar**
(categorical Variables - CV)

**PLS model formula**
(design of the relationship between LV, and LV and MV)

**Tree rules**
(tree depth, significance threshold, node size)

`pls.pathmox()` →

## Pathmox tree analysis

`plstree` object

`summary()` →

## Estimation

- Tree structure
- F-tests results
- Categorical variables ranking of importance
- Terminal PLS models

`plot()`
`bar_impvar()`
`bar_terminal()` →

## Visualization

- Tree plot
- Barplot of ranking of importance
- Barplot of terminal nodes coefficients

## plstree$hybrid

### Specific Terminal node analysis

**cSEM package**
`csem()` function
(Rademaker et al., 2020)

### Multigroup Terminal node analysis

**cSEM package**
`testMICOM()`
`testMGD()`
function
(Rademaker et al., 2020)