

# Package: sparsepolicytree (via r-universe)

September 4, 2024

**Title** What the Package Does (One Line, Title Case)

**Version** 0.0.0.9000

**Description** What the package does (one paragraph).

**License** `use\_mit\_license()`, `use\_gpl3\_license()` or friends to pick a license

**Encoding** UTF-8

**Roxygen** list(markdown = TRUE)

**RoxygenNote** 7.2.1

**Imports** policytree

**Suggests** testthat (>= 3.0.0)

**Config/testthat/edition** 3

**URL** <https://yale-medicaid.github.io/sparsepolicytree/>

**Repository** <https://beniaminogreen.r-universe.dev>

**RemoteUrl** <https://github.com/beniaminogreen/sparsepolicytree>

**RemoteRef** HEAD

**RemoteSha** 39a6d412c8535f5df2a9fc2812e61001186c2a75

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sparse\_policy\_tree     *Sparse Policy Tree*

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## Description

Sparse Policy Tree

## Usage

```
sparse_policy_tree(  
  X,  
  Gamma,  
  depth = 2,  
  split.step = NULL,  
  min.node.size = NULL,  
  verbose = NULL  
)
```

```
sparse_policy_tree(  
  X,  
  Gamma,  
  depth = 2,  
  split.step = NULL,  
  min.node.size = NULL,  
  verbose = NULL  
)
```

## Arguments

X	The covariates used for splitting in the tree (dimension NxP)
Gamma	Rewards for each action / treatment (dimension NXD)
depth	The number of variables.
split.step	consider every n'th split (currently ignored)
min.node.size	the smallest node size allows (currently ignored)
verbose	print debug info (currently ignored) Return string "Hello world!" to R.

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