

# Package ‘rpart.LAD’

May 9, 2026

**Type** Package

**Title** Least Absolute Deviation Regression Trees

**Version** 0.1.3

**Date** 2023-11-18

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**Description** Recursive partitioning for least absolute deviation regression trees. Another algorithm from the 1984 book by Breiman, Friedman, Olshen and Stone in addition to the 'rpart' package (Breiman, Friedman, Olshen, Stone (1984, ISBN:9780412048418)).

**License** GPL-3

**NeedsCompilation** yes

**Depends** R (>= 3.6.0), Rcpp (>= 0.12.3), rpart (>= 3.1.0)

**LinkingTo** Rcpp (>= 0.12.3)

**Encoding** UTF-8

**RoxygenNote** 7.2.3

**Repository** CRAN

**Date/Publication** 2023-11-18 09:30:02 UTC

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LAD                                    *'rpart'-method: List of required functions for inducing 'rpart'-like LAD regression trees*

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**Description**

'rpart'-method: List of required functions for inducing 'rpart'-like LAD regression trees

**Usage**

LAD

**Format**

An object of class list of length 4.

**Examples**

```
mystate <- data.frame(state.x77, region = state.region)
names(mystate) <- casefold(names(mystate)) #remove mixed case

fit <- rpart(murder ~ ., data = mystate, minsplit = 10, method = LAD)
plot(fit); text(fit)
```

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\* **datasets**

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