

LAD Estimation

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Least Absolute Deviations Estimation と OLS の比較

```
load("~/計量経済学演習/R data sets for 5e/rdchem.RData")
rdchem<-data
```

OLS

```
ols <- lm(rdintens ~ I(sales/1000) + profmarg, data=rdchem)
```

LAD Regression

```
library(quantreg)

## Loading required package: SparseM

##
## Attaching package: 'SparseM'

## The following object is masked from 'package:base':
##
##      backsolve

lad <- rq(rdintens ~ I(sales/1000) + profmarg, data=rdchem)

library(stargazer)

##
## Please cite as:

## Hlavac, Marek (2018). stargazer: Well-Formatted Regression and Summary Statistics Tables.

## R package version 5.2.2. https://CRAN.R-project.org/package=stargazer

stargazer(ols,lad, type = "text")

##
## =====
##                               Dependent variable:
##                               -----
##                               rdintens
##                               OLS          quantile
```

