Latex Storage

Petri Haavisto

Latex for R users

Good reference sheet for Latex symbols:

https://www.cmor-faculty.rice.edu/~heinken/latex/symbols.pdf

Obs! in order to render pdf documents you need to install (one time) :

"quarto install tinytex"

Libraries

```
[1] 4
```

Inline

Latex symbol inline can be done by single **dollar** sign α

Multiple Lines

$$\hat{y}_i = \beta_0 + \sum_{j=1}^{p} \beta_j x_{ji}$$

Functions

$\sin x, \ \log_2 x, \ \sqrt{x^2 + 1}, \ \sqrt[3]{x^2 + 1}$

Create Space with "hspace"

$\sqrt{2} \quad \log_2 x$

Fractions

Fractions inline are smaller:

Small inline fraction: $\frac{p}{q}$ compare to the next one:

$$\frac{5}{x+y}$$

More complicated example:

$$\left[\frac{\$5}{\left(x+\frac{1}{y}\right)}\right]$$

Chancing faces $\mathcal{C}, \mathbb{R}$

Ordinary text in equations: $\frac{\text{ordianry stuff}}{2}$

Add-on packages:

A symbol from the physics package (see the header section)

$\frac{\partial}{\partial x}$