

L^AT_EX for Economists

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Admin

- Course webpage
personal.ceu.hu/staff/Attila_Gyetvai/teaching/latexecon/
- Facebook group
facebook.com/groups/latexceu/
- 6 seminars + mini exam



The most important thing:

Pronunciation

T (capital tau) + E (capital epsilon) + χ (capital chi)

L^AT_EX...

Basically, it's a programming language

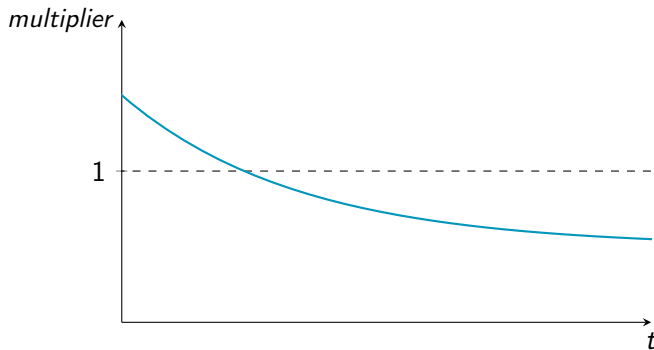
- *Origin:* T_EX typesetting system by Donald Knuth (Stanford)
- L^AT_EX: encoding or tagging conventions

...for Economists

- Applied skills
- We use predefined objects, not create new ones
- Text, math, regression outputs, figures, presentation, CV

Learning curve

$$speed_{Word} = multiplier \times speed_{L^A T_E X}$$



So why on earth should I learn \LaTeX ?

Selling points

- Math, like $\left. \frac{\partial x_i(p, w)}{\partial p_j} = \frac{\partial h_i(p, \bar{U})}{\partial p_j} - \frac{\partial x_i(p, w)}{\partial w} x_j(p, w) \right|_{\bar{U}=V(p, w)}$
- Vector graphics
- Stability across platforms and time
- Numerous contributors
- The most accepted way to hand your papers in

Mechanism



- Compiler: minimal design
⇒ rerun your code several times

The skeleton of a document

```
\documentclass[options]{class}
```

```
\usepackage[options]{package}
```

```
\usepackage[options]{package}
```

```
\begin{document}
```

Here comes your stuff.

```
\begin{environment}
```

Stuff cont'd.

```
\end{environment}
```

```
\end{document}
```

Before we start. . .

Keep in mind that this is my method only!
Breaking your own path is desirable.

And now, to your laptops!