LWHY LATEX

1) It separates content from style; this allows to create templates and easily maintain consistent

2) It supports formulas, tables, pictures & graphs, links, schemes, bibliographies, indexes, etc.

For all these objects you don't need manual formating. (saves much time)

3 Vierall, latex is no much better than word, but used for publishing papers in journals

MILL STOOL: Overleaf

- · Unline + documentation!
- Allows working together
  Includes version controll
- · Poes not require any soft to be installed
- · Easy to use (input helps)
- · Contains many templates

TOP 10 Packages M

AMSMATH & AMSFONTS & Work with matrices & special maths symbols

2 TikZ/Pgf inclusion of figures (directly drawing)
Part I
Investigation

Other packages:

1 cs quotes - quotations

13 listings - source code

(14) enumitems - improves counting

(5) glossaries - add glossury

(6) pdfpages - insert pdf in doc.

17 motramed - add frame to say theorem: (3)

3 pg+plots helps to include plots from, say, Matlab, etc. with legend, adltismal points ...

4) geometry helps to set custom margins of a page.

9 Hyperret (7) Fancyhor inserts hyperlinks works with headers & footers in your doe.

8 guotchap redesigns chapter headers allows to use quotations 10 Kbordermatrix allows to add column and you labels to matrix

3 XCOlor

works with driver-

independent colors

and lets you work

provides better

quality of tables

also tabularx longtable

(6) Booktabs'

with 196, congk, hsb ...

Conclusion: it was developed in 1984. now in 93% cases Ms Word can be used instead. Really better only when working with R, gyplot(2) and knite to include graphs dinamially. May be better choice (a bit) working with maths expressions.