

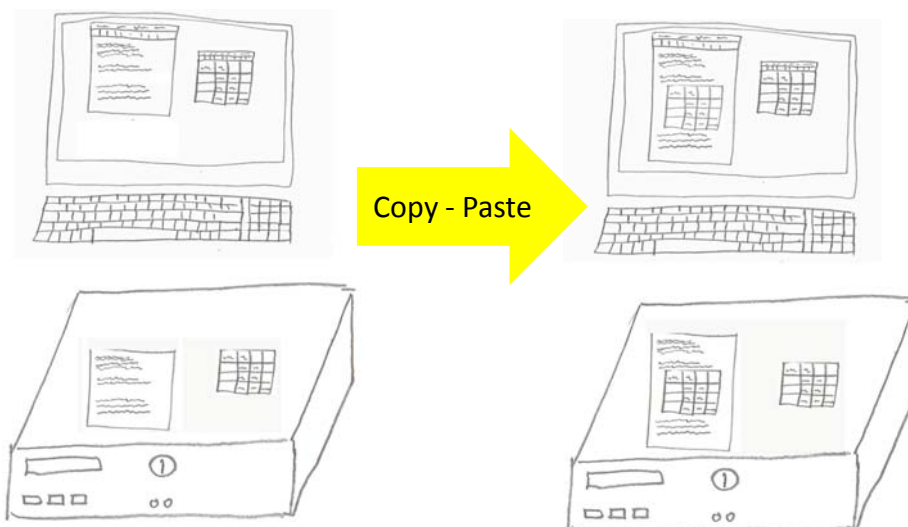
## Importing spread sheet into document

- Aim
  - Able to choose copy-paste or import by link
- Problem
  - You are to write a report on the health for last year
    - The numbers are not complete yet
    - You have to start writing nevertheless
  - Numbers in a table in a spread sheet
  - Table should be part of a document
  - What happens if data in the table needs to be changed?

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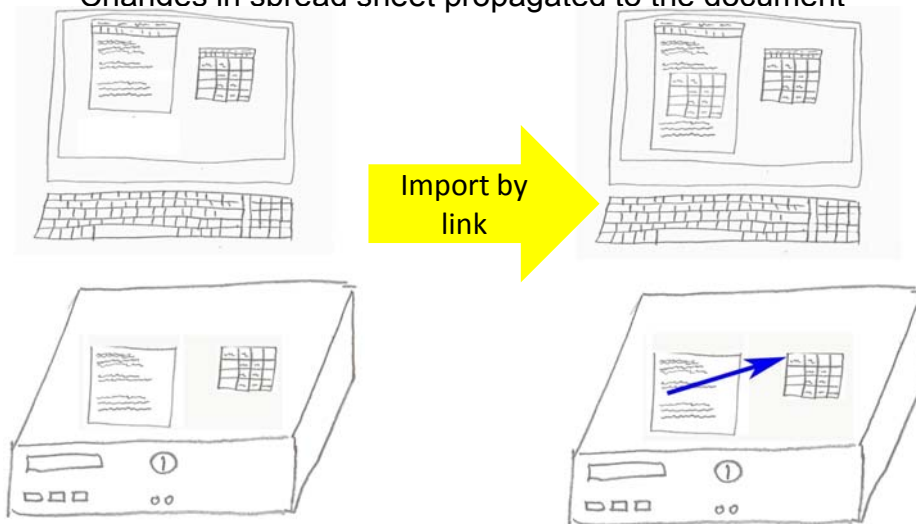
## Copy-Paste

- Two copies of the table on the hard disk
- Changes in spread sheet NOT propagated to document



## Import by link

- One table on the hard disk
- Link
- Changes in spreadsheet propagated to the document



## Procedures

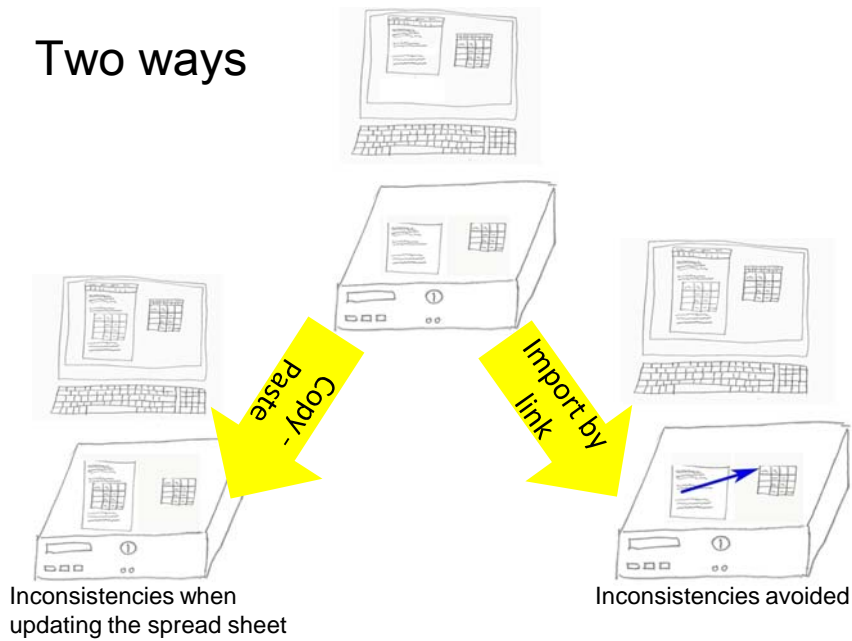
### Copy-paste

1. Open both files
2. Copy the table and paste it into the document
3. Check by changing the spreadsheet

### Import by link

1. Open both files
2. Insert the table into the document such that the link to the spreadsheet is kept
3. Check by changing the spreadsheet

## Two ways



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## Functional dependency

- Import by link
  - Changes in spreadsheet → changes in document
- Table of contents
  - Pages inserted → Table of contents updated
- Formulas in spreadsheet
  - Arguments changed → Result updated
- Link from display to data storage
  - Data changed → Changes propagated to display

Other examples?



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## Other use?



Are there other types of data than tables where import by link is an advantage?

When do we choose Copy-Paste anyhow?

