Online CDS 101 *Introduction to Computational and Data Sciences*

Data transformation

The `filter` function

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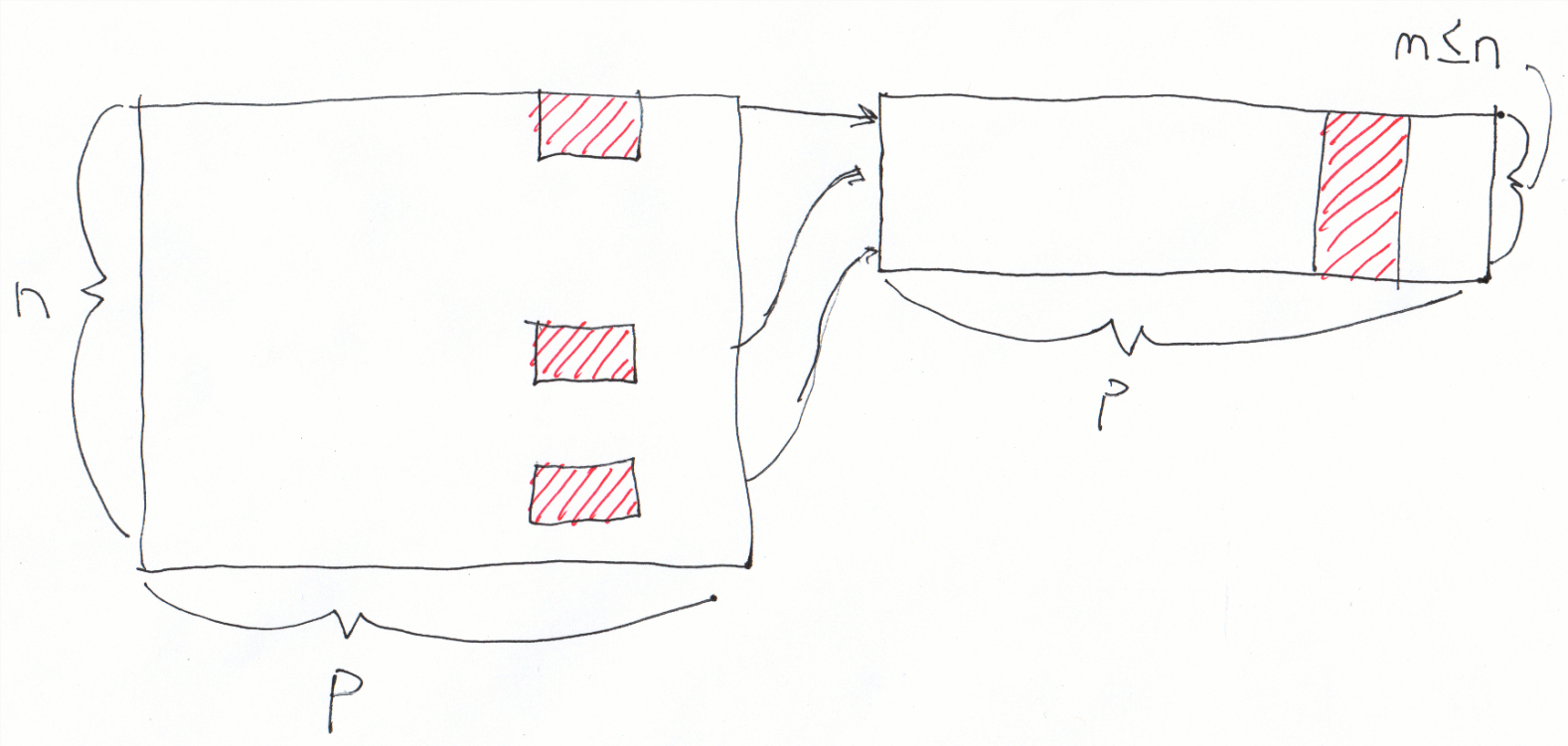
`filter` schematic



Structure of the `filter` function

```
name_of_dataset %>%
  filter(rule_to_test)
```

```
name_of_dataset %>%
  filter(rule_to_test1, rule_to_test2) %>%
  filter(rule_to_test2 & rule_to_test4) %>%
  filter(rule_to_test3 | rule_to_test6)
```

Replace `rule_to_test` with a test involving boolean operators and comparisons that will evaluate to a `TRUE` or `FALSE` value. `&` is the and boolean operator and `|` is the or boolean operator.

`filter` demo

Follow along in RStudio

Credits

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Acknowledgments

Ideas and examples for the dplyr demos adapted from *Modern Data Science with R* by Benjamin Baumer, Daniel Kaplan, and Nicholas Horton, chapter 4.