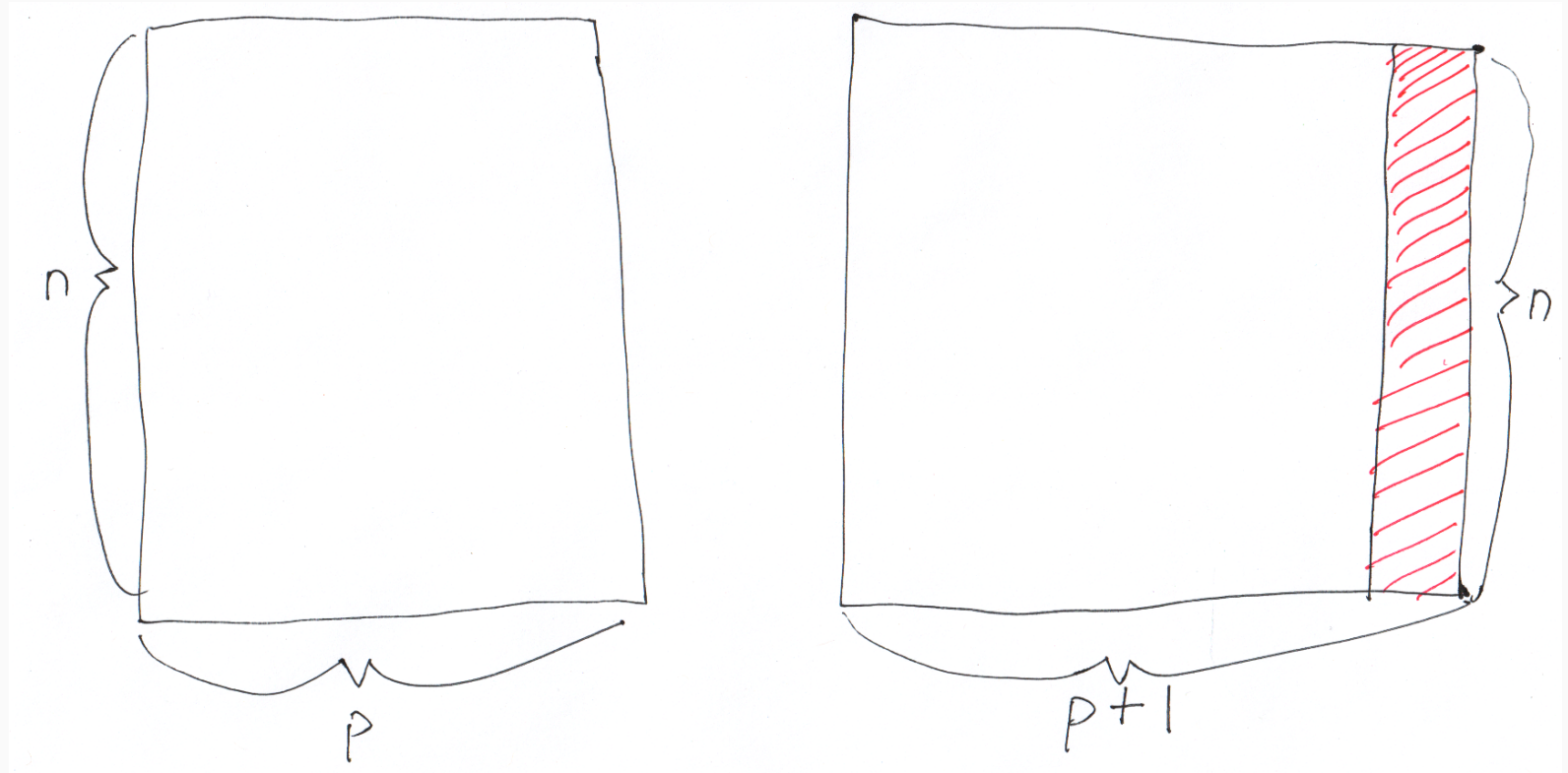


Data transformation

The `mutate` function



mutate schematic



Structure of the `mutate` function

```
name_of_dataset %>%  
  mutate(  
    new_column_name = column_one - column_two  
  )
```

```
name_of_dataset %>%  
  mutate(  
    new_column_name = 2 * (column_one / column_two)  
  )
```

The above computations to the right of the equals sign are just two examples of the types of calculations you can perform using `mutate`.

mutate arithmetic operations

- Many different operators and functions can be used with `mutate`
- **Arithmetic operators:** `+`, `-`, `*`, `/`, `^`
- **Modular arithmetic**
 - `%/%`: integer division
 - `%%`: remainder
- **Logs:** `log()`
- **Logical comparisons:** `<`, `<=`, `>`, `>=`, `!=`

mutate 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.