Data Manipulation with the `tidyverse`

HES 505 Fall 2025: Session 5

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What is literate programming?

- Documentation containing code (not vice versa!)

- Direct connection between code and explanation

- Convey meaning to humans rather than telling computer what to do!

What is a script?

Scripts and your workflow

Why care about style?

Introducing the tidyverse

What? Why?

Basic structure: Verbs

Basic structure: Helpers

Basic structure: Pipes

The `tidyverse` and spatial data