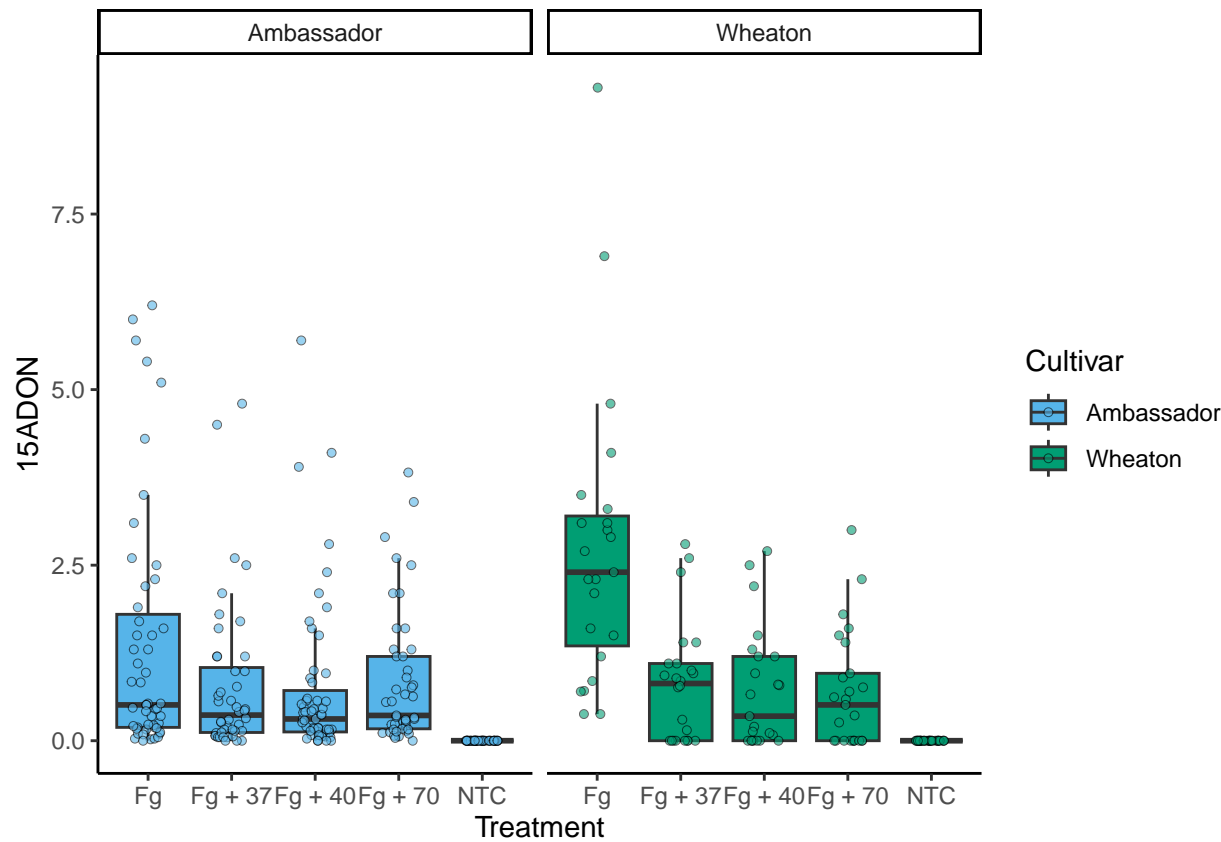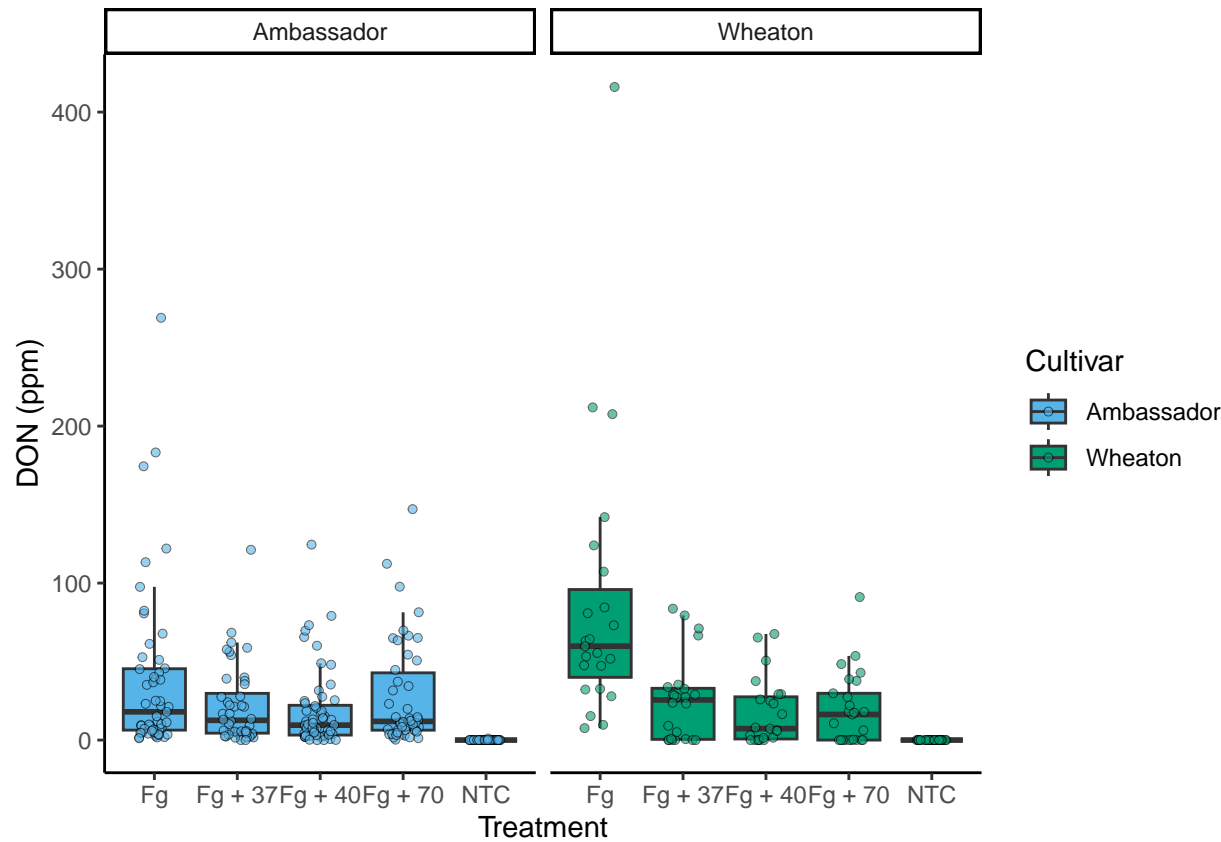# Coding Challenge 4
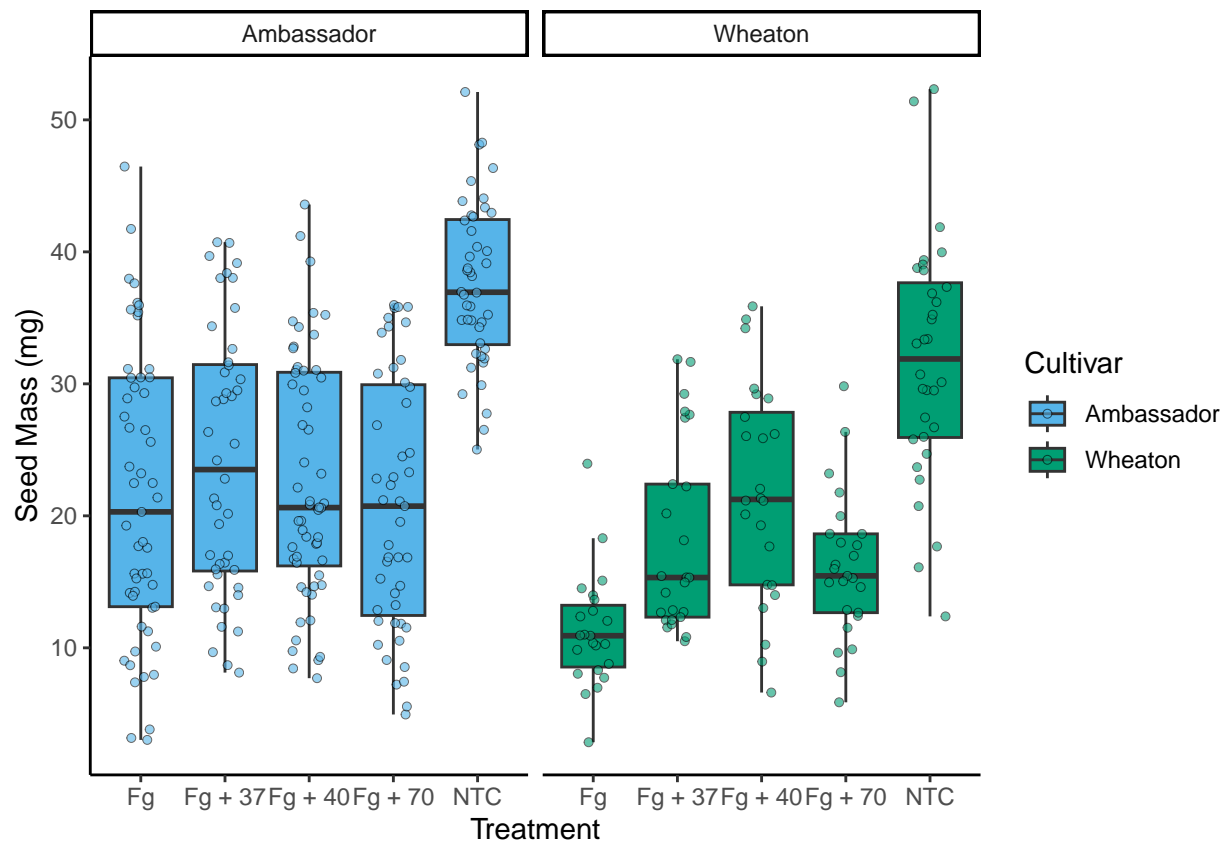
Dustyn Lewis

2025-03-03

Manuscript DOI

Question 1: Explain the Following

a) YAML header: -Used to format document output format at the top of R Markdown and contains arguments that let you define things like your title, name/author, table of contents, etc.

b) Literate programming: -a programming paradigm where a code is written in both natural language and executable code.

Question 2: Reading in and Plotting Data

```
fs::dir_tree()
```

```
## .
## +-- CodingChallenge4.md
## +-- CodingChallenge4.Rmd
## +-- CodingChallenge4_files
## |   +-- figure-gfm
## |   |   +-- Q2 setup-1.png
## |   |   +-- Q2 setup-2.png
## |   |   \-- Q2 setup-3.png
## |   \-- figure-latex
## |       +-- Q2 setup-1.pdf
## |       +-- Q2 setup-2.pdf
## |       \-- Q2 setup-3.pdf
## +-- CodingChallenge4_md.md
## +-- coding_challenge_4.Rproj
## +-- MycotoxinData.csv
## \-- README.md
```