

2020-11-29

- POM fraction amounts
  - fPOM amounts
  - oPOM amounts
  - Total POM amounts

```
# Packages
library(tidyverse)
library(here)
# Parameters
file_data <- here("data/fractions_combined.rds")

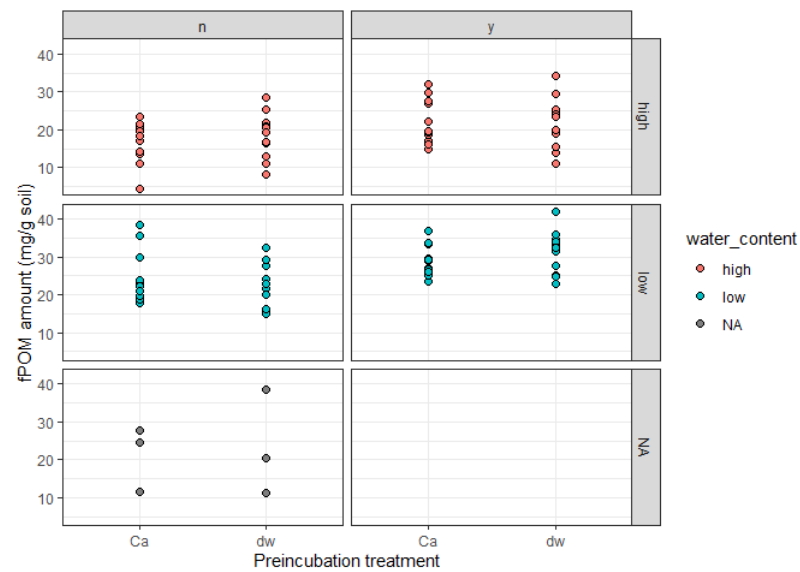
#=====

# read in data
df <- read_rds(file_data)
```

## POM fraction amounts

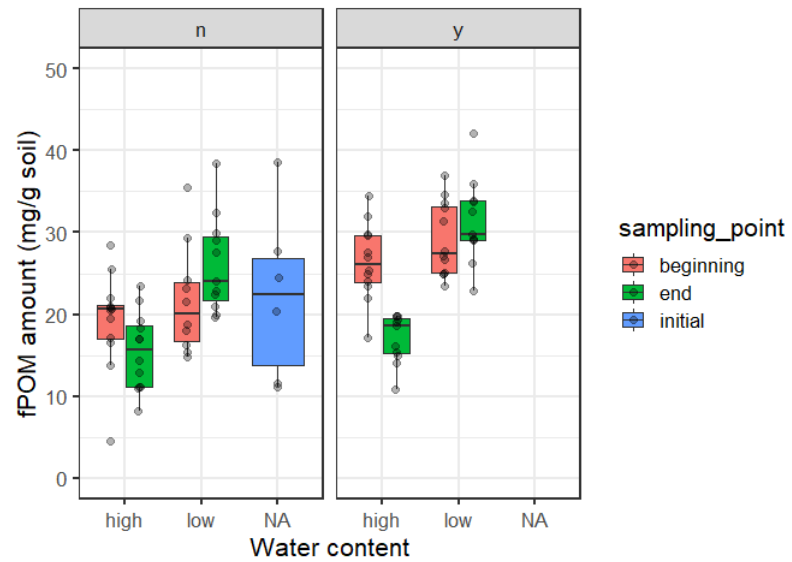
### fPOM amounts

## Warning: Removed 2 rows containing missing values (geom\_point).



## Warning: Removed 2 rows containing non-finite values (stat\_boxplot).

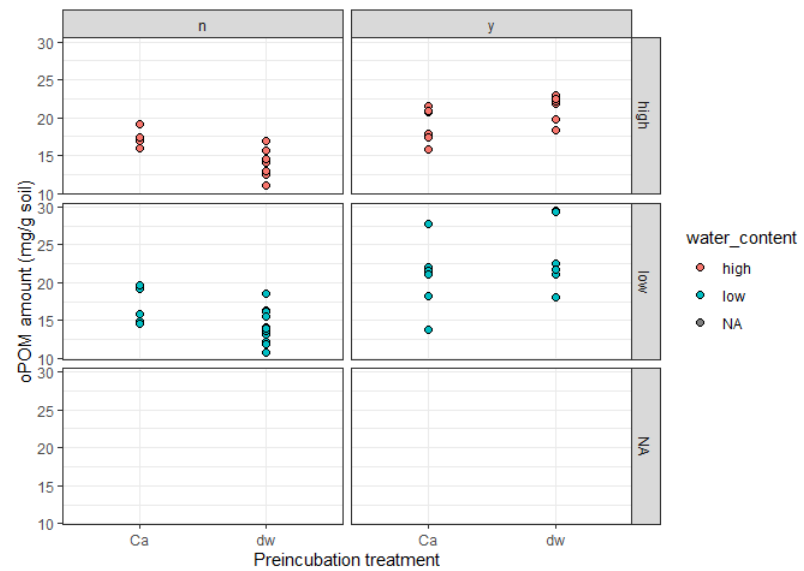
## Warning: Removed 2 rows containing missing values (geom\_point).



Ca treatment does not affect fPOM in any water content/litter treatment combination fPOM amount seems to decrease from beginning to end of incubation at high water content but remain similar at low water content. This result fits  $\delta^{13}\text{C}$ -CO<sub>2</sub> data that shows higher  $\delta$  values at higher water content.

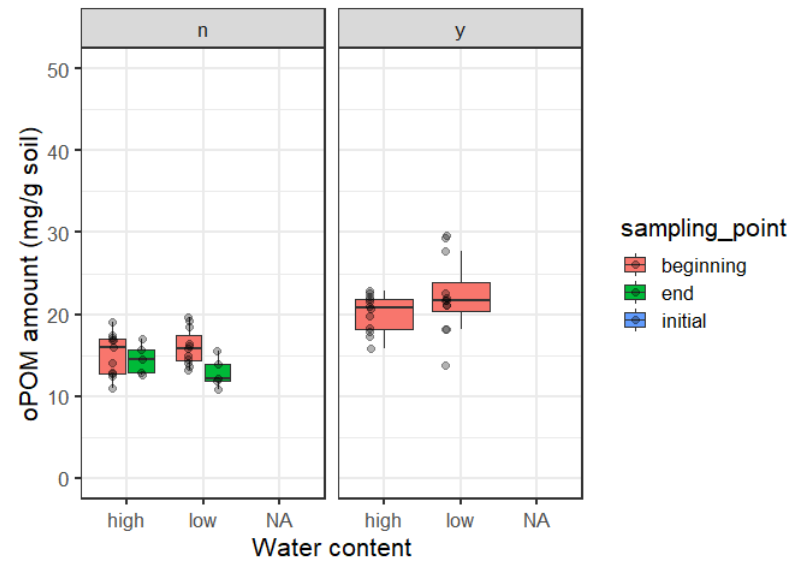
## oPOM amounts

## Warning: Removed 43 rows containing missing values (geom\_point).



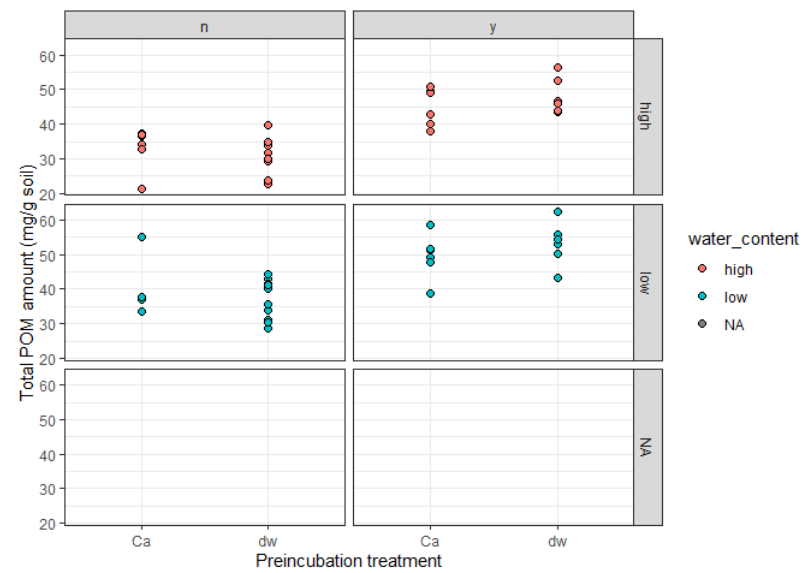
## Warning: Removed 43 rows containing non-finite values (stat\_boxplot).

## Warning: Removed 43 rows containing missing values (geom\_point).



## Total POM amounts

## Warning: Removed 44 rows containing missing values (geom\_point).



```
## Warning: Removed 56 rows containing non-finite values (stat_boxplot).
```

```
## Warning: Removed 56 rows containing missing values (geom_point).
```

