

Contrasting TLS-derived orthogonal stem profiles, in poplar plantations

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Contents

Plot all profiles

1

Plot all profiles

```
library(tidyverse)

## -- Attaching packages ----- tidyverse 1.2.1 --

## v ggplot2 3.0.0      v purrr  0.2.5
## v tibble  1.4.2      v dplyr  0.7.6
## v tidyr   0.8.1      v stringr 1.3.1
## v readr   1.1.1      v forcats 0.3.0

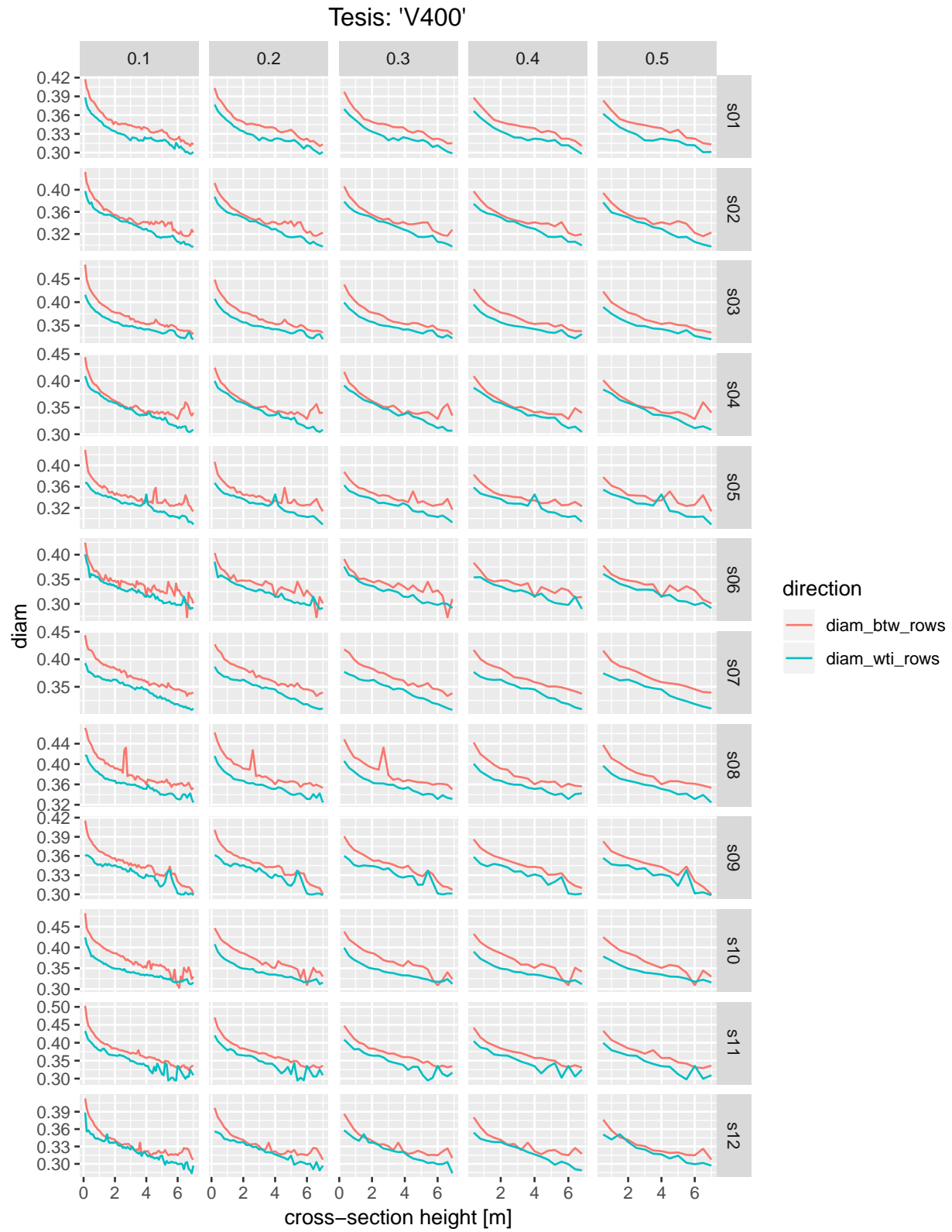
## -- Conflicts ----- tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()    masks stats::lag()

#TLSstem_vertical_crosssection
source("ReadData.R")

Diameters <- TLSderivedDiam %>%
  select( -ends_with("centro")) %>%
  filter(complete.cases(.)) %>%
  gather(direction, diam, starts_with("diam"))

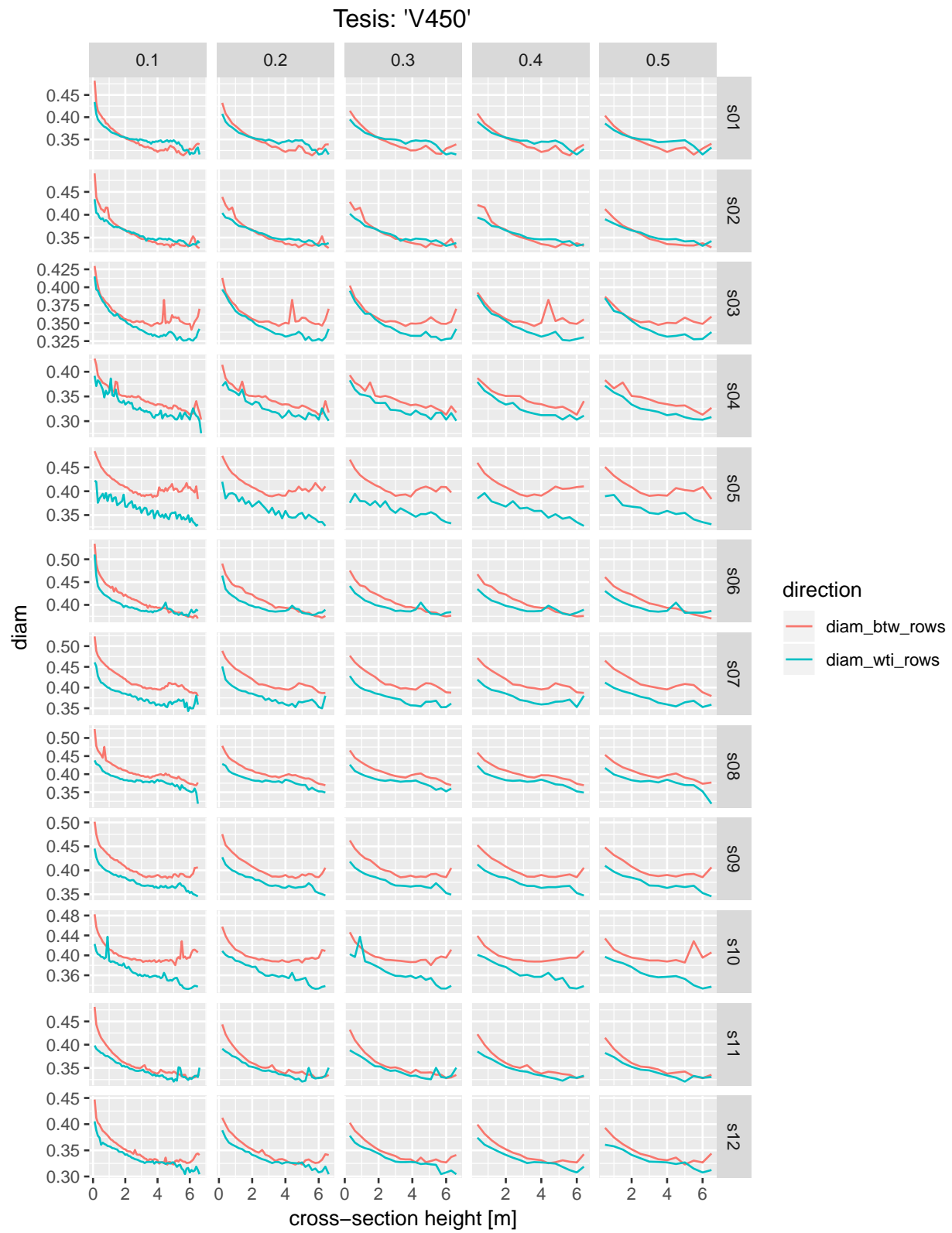
gl <- Diameters %$%
  levels(tesi) %>%
  map(
    ~ Diameters %>%
      filter(tesi == .x) %>%
      ggplot(aes(slice, diam)) +
      xlab("cross-section height [m]") +
      geom_line(aes(color = direction)) +
      facet_grid(treid ~ length_toppo, scales = "free") +
      ggtitle(paste0("Tesis: '", .x, "'")) +
      theme(plot.title = element_text(hjust = 0.5))
  )
print(gl)
```

[[1]]



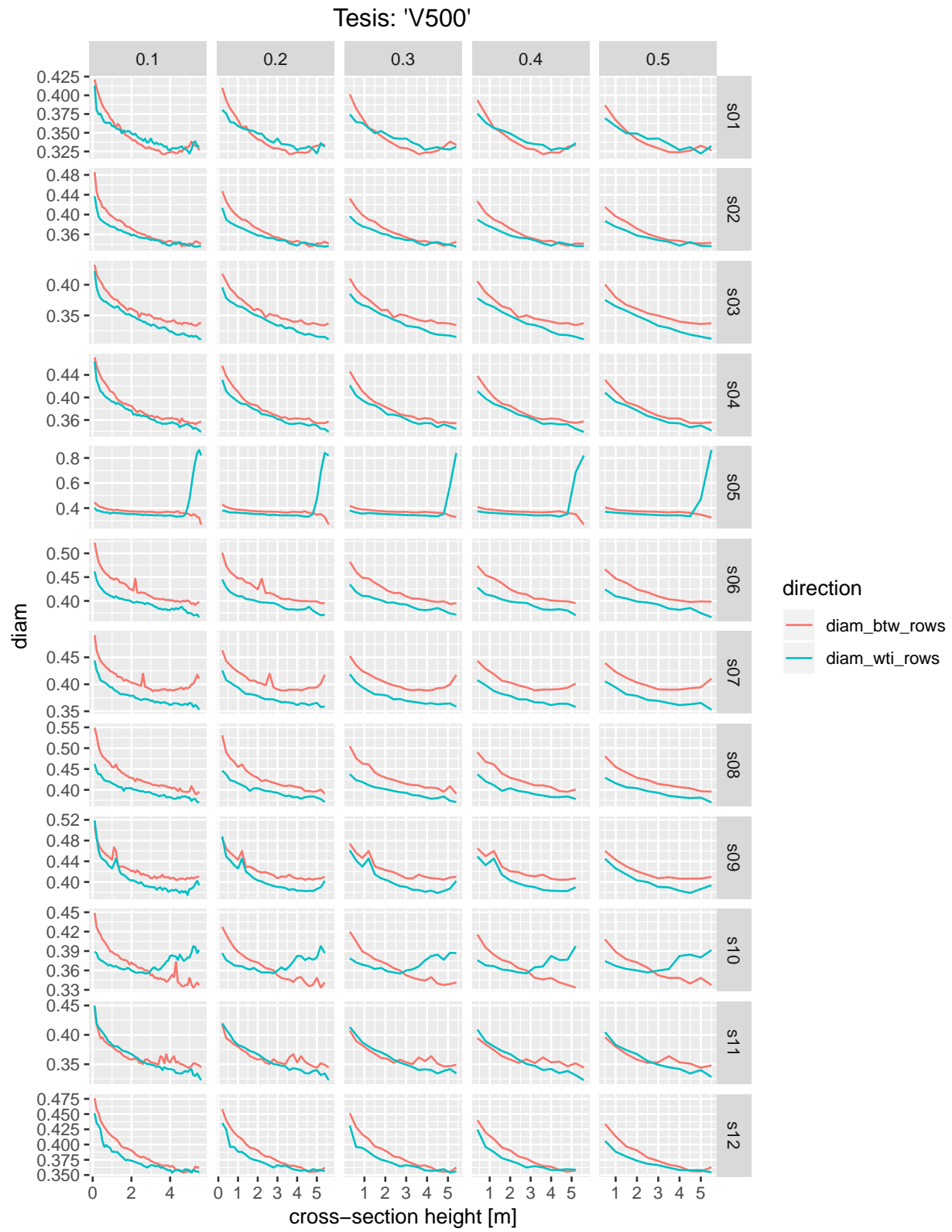
##

[[2]]



##

[[3]]



```
# install.packages("svglite")  
for(i in 1:3) ggsave(paste0("AllProfiles",i,".svg"), gl[[i]], scale = 2)
```

```
## Saving 14 x 18 in image
```

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```

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## Saving 14 x 18 in image
```