ABS Fire

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## R Markdown

This is an R Markdown document. Markdown is a simple formatting syntax for authoring HTML, PDF, and MS Word documents. For more details on using R Markdown see <http://rmarkdown.rstudio.com>.

When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

## Warning: There were 2 warnings in `mutate()`.  
## The first warning was:  
## ℹ In argument: `Phosphorus = as.double(Phosphorus)`.  
## Caused by warning:  
## ! NAs introduced by coercion  
## ℹ Run `dplyr::last\_dplyr\_warnings()` to see the 1 remaining warning.

Processed CNP\_clean Dataset with Summary Statistics as Rows

| Site | Transect | Fire.Interval | Fire.Severity | Carbon | Nitrogen | Hydrogen | C\_N | Phosphorus | C\_P | C\_N\_P | N\_P | C\_N\_P\_Ratio |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | 1 | Short | Low | 45.00 | 3.20 | 6.20 | 14.20 | 0.01 | 3380.30 | 1063.6 | 238.9 | 3380:239:1 |
| 7 | 1 | Long | Low | 48.10 | 3.20 | 6.70 | 14.90 | 0.01 | 6342.40 | 1964.5 | 425.3 | 6342:425:1 |
| 7 | 2 | Long | Low | 45.50 | 3.70 | 6.60 | 12.50 | 0.02 | 1824.50 | 499.6 | 146.5 | 1824:146:1 |
| 8 | 1 | Long | Low | 45.30 | 2.60 | 6.20 | 17.50 | 0.04 | 1134.30 | 437.7 | 64.9 | 1134:65:1 |
| 8 | 2 | Long | Low | 46.10 | 4.70 | 6.70 | 9.80 | NA | NA | – | – | NA:NA:1 |
| 10 | 2 | Short | High | 48.50 | 3.60 | 6.70 | 13.30 | 0.02 | 2232.00 | 612.8 | 167.5 | 2232:167:1 |
| 12 | 2 | Long | High | 42.00 | 4.20 | 6.10 | 9.90 | 0.00 | 22906.20 | 5409.9 | 2308.2 | 22906:2308:1 |
| 26 | 1 | Short | Low | 44.30 | 3.40 | 6.10 | 13.00 | 0.02 | 1860.10 | 546 | 142.9 | 1860:143:1 |
| 26 | 2 | Short | Low | 46.30 | 3.00 | 5.90 | 15.60 | 0.03 | 1532.50 | 517.6 | 98 | 1532:98:1 |
| 31 | 1 | Short | High | 42.90 | 4.40 | 6.00 | 9.70 | 0.06 | 759.70 | 171.1 | 78.5 | 760:79:1 |
| 31 | 2 | Short | High | 45.50 | 3.70 | 5.90 | 12.50 | 0.06 | 781.70 | 214.1 | 62.7 | 782:63:1 |
| 34 | 1 | Short | Low | 49.20 | 3.60 | 6.80 | 13.70 | 0.02 | 3009.50 | 837.5 | 219.6 | 3010:220:1 |
| 34 | 2 | Short | Low | 47.50 | 4.20 | 6.40 | 11.30 | 0.05 | 910.80 | 216.7 | 80.6 | 911:81:1 |
| 49 | 1 | Long | Low | 47.80 | 3.20 | 6.70 | 14.70 | 0.02 | 2153.80 | 664.1 | 146.3 | 2154:146:1 |
| 49 | 2 | Long | Low | 51.10 | 4.70 | 6.90 | 10.80 | NA | NA | – | – | NA:NA:1 |
| 56 | 1 | Long | High | 43.90 | 3.90 | 6.20 | 11.20 | 0.03 | 1360.90 | 345.6 | 122 | 1361:122:1 |
| 29 | 2 | Long | High | 45.40 | 4.30 | 6.70 | 10.60 | NA | NA | – | – | NA:NA:1 |
| 10 | 1 | Short | High | 45.00 | 3.60 | 6.70 | 12.40 | NA | NA | – | – | NA:NA:1 |
| 5 | 2 | Short | Low | 42.00 | 3.50 | 6.40 | 11.90 | NA | NA | – | – | NA:NA:1 |
| Mean |  |  |  | 45.87 | 3.73 | 6.42 | 12.60 | 0.03 | 3584.90 | NA | NA | NA |
| SE |  |  |  | 0.55 | 0.14 | 0.08 | 0.49 | 0.00 | 1536.01 | NA | NA | NA |

Note that the echo = FALSE parameter was added to the code chunk to prevent printing of the R code that generated the plot.