Word Example

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14 Feb 2020

# Linear Regression Model

fit <- lm(dist ~ speed, data = cars)  
fit\_res <- tidy(fit); fit\_res

## # A tibble: 2 x 5  
## term estimate std.error statistic p.value  
## <chr> <dbl> <dbl> <dbl> <dbl>  
## 1 (Intercept) -17.6 6.76 -2.60 1.23e- 2  
## 2 speed 3.93 0.416 9.46 1.49e-12

Easily pull out results with tidy() function. Then we can use inline code like format.pval(fit\_res$p.value[fit\_res$term == "speed"], digit = 4) to show the p-value 1.49e-12 corresponding to speed.

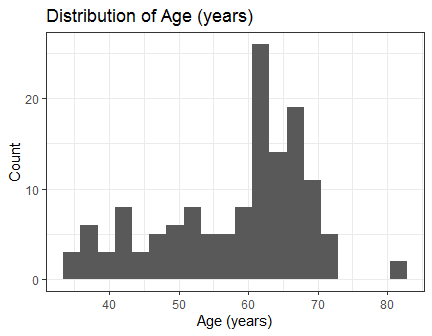
# Baseline Patient Demographic and Clinical Characteristics

Demographics by Prior Therapy

|  |  |  |  |
| --- | --- | --- | --- |
|  | level | No | Yes |
| n |  | 97 | 40 |
| Cell Type (%) | squamous | 21 (21.6) | 14 (35.0) |
|  | smallcell | 37 (38.1) | 11 (27.5) |
|  | adeno | 22 (22.7) | 5 (12.5) |
|  | large | 17 (17.5) | 10 (25.0) |
| Karnofsky Performance Score (mean (SD)) |  | 59.32 (20.50) | 56.75 (19.00) |
| Age in Years (mean (SD)) |  | 58.98 (10.71) | 56.67 (10.07) |

## Specifying Reported Summary Statistic

Depending on the distribution of a continuous variable, you may want to report a different summary statistic in your Table 1. For instance, we can look at the distribution of the age variable.



Based on the histogram, we may want to report the median (IQR) instead of the mean (sd) as reported earlier. Below we will recreate the table with that change.

Demographics by Prior Therapy

|  |  |  |  |
| --- | --- | --- | --- |
|  | level | No | Yes |
| n |  | 97 | 40 |
| Cell Type (%) | squamous | 21 (21.6) | 14 (35.0) |
|  | smallcell | 37 (38.1) | 11 (27.5) |
|  | adeno | 22 (22.7) | 5 (12.5) |
|  | large | 17 (17.5) | 10 (25.0) |
| Karnofsky Performance Score (mean (SD)) |  | 59.32 (20.50) | 56.75 (19.00) |
| Age in Years (median [IQR]) |  | 62.00 [52.00, 66.00] | 60.00 [50.00, 65.00] |

# Session Information

## R version 3.6.1 (2019-07-05)  
## Platform: x86\_64-w64-mingw32/x64 (64-bit)  
## Running under: Windows 7 x64 (build 7601) Service Pack 1  
##   
## Matrix products: default  
##   
## locale:  
## [1] LC\_COLLATE=English\_United States.1252   
## [2] LC\_CTYPE=English\_United States.1252   
## [3] LC\_MONETARY=English\_United States.1252  
## [4] LC\_NUMERIC=C   
## [5] LC\_TIME=English\_United States.1252   
##   
## attached base packages:  
## [1] stats graphics grDevices utils datasets methods base   
##   
## other attached packages:  
## [1] knitr\_1.23 survival\_2.44-1.1 tableone\_0.10.0   
## [4] forcats\_0.4.0 stringr\_1.4.0 dplyr\_0.8.3   
## [7] purrr\_0.3.3 readr\_1.3.1 tidyr\_1.0.2   
## [10] tibble\_2.1.3 ggplot2\_3.2.1 tidyverse\_1.3.0   
## [13] broom\_0.5.4   
##   
## loaded via a namespace (and not attached):  
## [1] Rcpp\_1.0.2 lubridate\_1.7.4 lattice\_0.20-38 class\_7.3-15   
## [5] zoo\_1.8-6 assertthat\_0.2.1 digest\_0.6.20 utf8\_1.1.4   
## [9] R6\_2.4.0 cellranger\_1.1.0 backports\_1.1.4 reprex\_0.3.0   
## [13] labelled\_2.2.1 survey\_3.36 evaluate\_0.14 e1071\_1.7-2   
## [17] highr\_0.8 httr\_1.4.1 pillar\_1.4.2 rlang\_0.4.4   
## [21] lazyeval\_0.2.2 readxl\_1.3.1 rstudioapi\_0.10 Matrix\_1.2-17   
## [25] rmarkdown\_1.14 labeling\_0.3 splines\_3.6.1 munsell\_0.5.0   
## [29] compiler\_3.6.1 modelr\_0.1.5 xfun\_0.8 pkgconfig\_2.0.2   
## [33] htmltools\_0.3.6 mitools\_2.4 tidyselect\_0.2.5 fansi\_0.4.0   
## [37] crayon\_1.3.4 dbplyr\_1.4.2 withr\_2.1.2 MASS\_7.3-51.4   
## [41] grid\_3.6.1 nlme\_3.1-140 jsonlite\_1.6 gtable\_0.3.0   
## [45] lifecycle\_0.1.0 DBI\_1.0.0 magrittr\_1.5 scales\_1.0.0   
## [49] cli\_1.1.0 stringi\_1.4.3 fs\_1.3.1 xml2\_1.2.2   
## [53] generics\_0.0.2 vctrs\_0.2.2 tools\_3.6.1 glue\_1.3.1   
## [57] hms\_0.5.3 yaml\_2.2.0 colorspace\_1.4-1 rvest\_0.3.5   
## [61] haven\_2.2.0

## [1] "Start Time Fri Feb 14 14:18:13 2020"

## [1] "End Time Fri Feb 14 14:18:13 2020"