R Markdown Tables for Brittany

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## Document settings

These are user-defined document settings that I often put up front. {pacman} is great for installing and loading packages used by your R Markdown file.

## Load some data

## Add table

You can also embed plots, for example:

be.table.sub <- be.table %>%   
 filter(Name == "Engraulis mordax", Stock == "Central") %>%   
 mutate(Region = "Core") %>%   
 select(Name, Stock, Region, everything())  
  
if (nrow(be.table.sub) != 0) {  
 if (doc.type == "docx") {  
 regulartable(be.table.sub) %>%   
 merge\_v(j = c("Name")) %>%   
 italic(j = 1) %>%  
 add\_header(Name = "",  
 Stock = "",  
 Number = "Stratum", Area = "Stratum", Transects = "Stratum", Distance = "Stratum",  
 Clusters = "Trawl", Individuals = "Trawl",  
 "$\\hat{B}$" = "Biomass", "CI$\_{L,95\\%}$" = "Biomass", "CI$\_{U,95\\%}$" = "Biomass",  
 CV = "Biomass") %>%   
 merge\_h(part = "header") %>%   
 align(align = "center",part = "header") %>%   
 autofit()  
 } else {  
 kable(be.table.sub, format = knitr.format, booktabs = FALSE, escape = FALSE,  
 align = c(rep("l", 3), rep("r",ncol(be) - 2)),  
 digits = c(0),  
 format.args = list(big.mark = ","),  
 caption = '(ref:biomass-anch-c)') %>%   
 kable\_styling(latex\_options = c("hold\_position","scale\_down"),  
 position = "center",  
 font\_size = 8) %>%   
 column\_spec(1, italic = T) %>%   
 collapse\_rows(columns = 1:3, valign = "top") %>%  
 add\_header\_above(c("Species" = 2, "Stratum" = 5, "Trawl" = 2, "Biomass" = 4))  
 }  
} else {  
 print("No results for this species/stock.")  
}

|  | | | Stratum | | | | Trawl | | Biomass | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Name | Stock | Region | Number | Area | Transects | Distance | Clusters | Individuals | $\hat{B}$ | CI$\_{L,95\%}$ | CI$\_{U,95\%}$ | CV |
| *Engraulis mordax* | Central | Core | 1 | 15,391.037 | 14 | 1,137.3650 | 14 | 265,739.19 | 961,660.9 | 689,841.3 | 1,478,548.7 | 20.97706 |
| Central | Core | 2 | 9,558.973 | 12 | 501.9438 | 5 | 18,432.39 | 396,926.1 | 243,128.1 | 627,098.7 | 25.66715 |
| Central | Core | All | 24,950.009 | 26 | 1,639.3089 | 18 | 284,171.58 | 1,358,587.0 | 1,070,094.5 | 1,940,986.3 | 16.61536 |