Accuracy Table

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library(dplyr)

##   
## Attaching package: 'dplyr'

## The following objects are masked from 'package:stats':  
##   
## filter, lag

## The following objects are masked from 'package:base':  
##   
## intersect, setdiff, setequal, union

library(kableExtra)

##   
## Attaching package: 'kableExtra'

## The following object is masked from 'package:dplyr':  
##   
## group\_rows

# Table with models and relative accuracies  
classification\_overview <- data.frame(  
 Method = c("Logistic Regression", "kNN (k = 3)", "Random Forest", "Simple Neural Network", "Complex Neural Network", "Neural Network with PCA"),  
 Accuracy = c("80.38%", "84.23%", "88.37%", "80.02%", "84.10%", "72.11%")  
)  
classification\_table <- kable(classification\_overview, "markdown") %>%  
 kable\_styling(full\_width = FALSE) %>%  
 column\_spec(1, bold = TRUE)

## Warning in kable\_styling(., full\_width = FALSE): Please specify format in  
## kable. kableExtra can customize either HTML or LaTeX outputs. See  
## https://haozhu233.github.io/kableExtra/ for details.

## Warning in column\_spec(., 1, bold = TRUE): Please specify format in kable.  
## kableExtra can customize either HTML or LaTeX outputs. See  
## https://haozhu233.github.io/kableExtra/ for details.

classification\_table

| Method | Accuracy |
| --- | --- |
| Logistic Regression | 80.38% |
| kNN (k = 3) | 84.23% |
| Random Forest | 88.37% |
| Simple Neural Network | 80.02% |
| Complex Neural Network | 84.10% |
| Neural Network with PCA | 72.11% |