library(tidyverse)(Wickham, Averick et al. 2019) (Wickham, Averick et al. 2019)

library(knitr) (Xie 2013)

library(skimr)(McNamara, Arino de la Rubia et al. 2018)

library(gmodels)(Warnes, Bolker et al. 2018)

library(ggplot2)(Wickham, Chang et al. 2016)

library(rsample)(Kuhn, Chow et al. 2019)

library(recipes)(Kuhn and Wickham 2022)

library(tidymodels)(Kuhn and Wickham 2020)

library(caret)(Kuhn 2015)

(Hetzel and Cappetta 1971)

**References**

Hetzel, A. M. and M. Cappetta (1971). "Marriages; trends and characteristics, United States."

Kuhn, M. (2015). "Caret: classification and regression training." Astrophysics Source Code Library: ascl: 1505.1003.

Kuhn, M., et al. (2019). "Rsample: General resampling infrastructure." R package version 0.0 **5**.

Kuhn, M. and H. Wickham (2020). "Tidymodels: a collection of packages for modeling and machine learning using tidyverse principles." Boston, MA, USA.[(accessed on 10 December 2020)].

Kuhn, M. and H. Wickham (2022). recipes: Preprocessing and Feature Engineering Steps for Modeling.

McNamara, A., et al. (2018). "skimr: Compact and flexible summaries of data." R package version **1**(1).

Warnes, G. R., et al. (2018). "Package ‘gmodels’." Vienna: R Foundation for Statistical Computing.

Wickham, H., et al. (2019). "Welcome to the {tidyverse}." Journal of Open Source Software **4**(43): 1686.

Wickham, H., et al. (2016). "ggplot2: Create elegant data visualisations using the grammar of graphics." R package version **2**(1).

Xie, Y. (2013). "knitr: A general-purpose Tool for dynamic report generation in R." R package version **1**(1).