# IEEE template for starwars analysis

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***Abstract*—Week 4 in class activity**
***Index Terms*—keyword 1; keyword 2**

## Introduction

This demo file is intended to serve as a "starter file" for IEEE conference papers produced under LaTeX using IEEEtran.cls version 1.8b and later. I wish you the best of success.

*Importing libraries first...*

```
library(tidyverse)
```

*In this activity, the following will be done::*

1. Uses starwars dataset & tidyverse.
2. Has a plot and table (no need for captions and cross-reference because this is hard with some templates)
3. Has two in-text citations using bibtex
4. Has a user-friendly, polished structure5.Has a set-up chunk, with 3+ settings
5. Uses code from an external R script file and knitr::read_chunk()
6. Uses a template from the rticles/papaja/tufte pkg or similar tufte::tufte_html is a good option if you get LaTeX errors with other templates. You can delete the code and text in the template, but don't remove any YAML.
7. Uses knitr caching on at least one chunk Setup chunk with 3+ settings and reading external code

## Plotting

*Using external R code and plotting a figure:*

```
#> [1] "list is below:"
#> [1] -2 -1  0  1  2
```

*Using caching:*

```
#> [1] 1 2 3 4
```

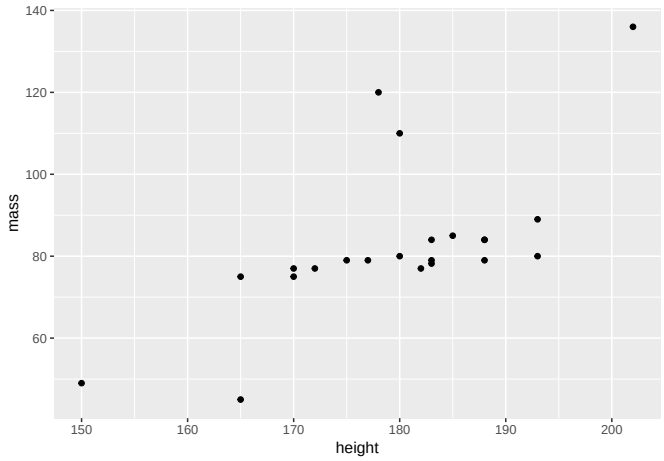


Fig. 1. A ggplot of starwars stuff

## Benefits of Parametrization

Parameterized reports extend the reproducibility of R Markdown by allowing us to specify one or more parameters to customize the analysis. This is useful if we want to create a report template that can be reused across multiple similar scenarios. Examples may include: • Showing results for a specific geographic location.
• Running a report that covers a specific time period.
• Running a single analysis multiple times for different assumptions.
• Controlling the behavior of knitr (e.g., specify if you want the code to be displayed in one version of the output and not displayed in another).

## Conclusion

This is the end of the week 4 in class activity.

## Acknowledgment

The authors would like to thank Rstudio
The summary table is as follows:

TABLE I: A knitr kable table of starwars data

| name | height | mass |
|---|---|---|
| Luke Skywalker | 172 | 77.0 |
| Darth Vader | 202 | 136.0 |
| Leia Organa | 150 | 49.0 |
| Owen Lars | 178 | 120.0 |
| Beru Whitesun lars | 165 | 75.0 |
| Biggs Darklighter | 183 | 84.0 |
| Obi-Wan Kenobi | 182 | 77.0 |
| Anakin Skywalker | 188 | 84.0 |
| Wilhuff Tarkin | 180 | NA |
| Han Solo | 180 | 80.0 |
| Wedge Antilles | 170 | 77.0 |
| Jek Tono Porkins | 180 | 110.0 |
| Palpatine | 170 | 75.0 |
| Boba Fett | 183 | 78.2 |
| Lando Calrissian | 177 | 79.0 |
| Lobot | 175 | 79.0 |
| Mon Mothma | 150 | NA |
| Arvel Crynyd | NA | NA |
| Qui-Gon Jinn | 193 | 89.0 |
| Finis Valorum | 170 | NA |
| Shmi Skywalker | 163 | NA |
| Mace Windu | 188 | 84.0 |
| Gregar Typho | 185 | 85.0 |
| Cordé | 157 | NA |
| Cliegg Lars | 183 | NA |
| Dormé | 165 | NA |
| Dooku | 193 | 80.0 |
| Bail Prestor Organa | 191 | NA |
| Jango Fett | 183 | 79.0 |
| Jocasta Nu | 167 | NA |
| Raymus Antilles | 188 | 79.0 |
| Finn | NA | NA |
| Rey | NA | NA |
| Poe Dameron | NA | NA |
| Padmé Amidala | 165 | 45.0 |

## Bibliography styles

Here are some sample references: Gareau et al. (2011) , Clarkson et al. (2017) , Feynman and Vernon Jr. (1963) , (Dirac 1953).

## References


Clarkson, Chris, Zenobia Jacobs, Ben Marwick, Richard Fullagar, Lynley Wallis, Mike Smith, Richard G Roberts, et al. 2017. "Human Occupation of Northern Australia by 65,000 Years Ago." *Nature* 547 (7663). Nature Publishing Group: 306–10.

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