

# Report

Wan Nor Arifin

## Using libraries to create nice tables

```
library(stargazer)
```

```
##  
## Please cite as:  
## Hlavac, Marek (2015). stargazer: Well-Formatted Regression and Summary Statistics Tables.  
## R package version 5.2. http://CRAN.R-project.org/package=stargazer
```

```
library(psych)
```

```
library(epiDisplay)
```

```
## Loading required package: foreign  
## Loading required package: survival  
## Loading required package: MASS  
## Loading required package: nnet  
##  
## Attaching package: 'epiDisplay'  
## The following objects are masked from 'package:psych':  
##  
## alpha, lookup
```

```
library(knitr)
```

## kable

```
kable(mtcars)
```

	mpg	cyl	disp	hp	drat	wt	qsec	vs	am	gear	carb
Mazda RX4	21.0	6	160.0	110	3.90	2.620	16.46	0	1	4	4
Mazda RX4 Wag	21.0	6	160.0	110	3.90	2.875	17.02	0	1	4	4
Datsun 710	22.8	4	108.0	93	3.85	2.320	18.61	1	1	4	1
Hornet 4 Drive	21.4	6	258.0	110	3.08	3.215	19.44	1	0	3	1
Hornet Sportabout	18.7	8	360.0	175	3.15	3.440	17.02	0	0	3	2
Valiant	18.1	6	225.0	105	2.76	3.460	20.22	1	0	3	1
Duster 360	14.3	8	360.0	245	3.21	3.570	15.84	0	0	3	4
Merc 240D	24.4	4	146.7	62	3.69	3.190	20.00	1	0	4	2
Merc 230	22.8	4	140.8	95	3.92	3.150	22.90	1	0	4	2
Merc 280	19.2	6	167.6	123	3.92	3.440	18.30	1	0	4	4
Merc 280C	17.8	6	167.6	123	3.92	3.440	18.90	1	0	4	4
Merc 450SE	16.4	8	275.8	180	3.07	4.070	17.40	0	0	3	3
Merc 450SL	17.3	8	275.8	180	3.07	3.730	17.60	0	0	3	3
Merc 450SLC	15.2	8	275.8	180	3.07	3.780	18.00	0	0	3	3

	mpg	cyl	disp	hp	drat	wt	qsec	vs	am	gear	carb
Cadillac Fleetwood	10.4	8	472.0	205	2.93	5.250	17.98	0	0	3	4
Lincoln Continental	10.4	8	460.0	215	3.00	5.424	17.82	0	0	3	4
Chrysler Imperial	14.7	8	440.0	230	3.23	5.345	17.42	0	0	3	4
Fiat 128	32.4	4	78.7	66	4.08	2.200	19.47	1	1	4	1
Honda Civic	30.4	4	75.7	52	4.93	1.615	18.52	1	1	4	2
Toyota Corolla	33.9	4	71.1	65	4.22	1.835	19.90	1	1	4	1
Toyota Corona	21.5	4	120.1	97	3.70	2.465	20.01	1	0	3	1
Dodge Challenger	15.5	8	318.0	150	2.76	3.520	16.87	0	0	3	2
AMC Javelin	15.2	8	304.0	150	3.15	3.435	17.30	0	0	3	2
Camaro Z28	13.3	8	350.0	245	3.73	3.840	15.41	0	0	3	4
Pontiac Firebird	19.2	8	400.0	175	3.08	3.845	17.05	0	0	3	2
Fiat X1-9	27.3	4	79.0	66	4.08	1.935	18.90	1	1	4	1
Porsche 914-2	26.0	4	120.3	91	4.43	2.140	16.70	0	1	5	2
Lotus Europa	30.4	4	95.1	113	3.77	1.513	16.90	1	1	5	2
Ford Pantera L	15.8	8	351.0	264	4.22	3.170	14.50	0	1	5	4
Ferrari Dino	19.7	6	145.0	175	3.62	2.770	15.50	0	1	5	6
Maserati Bora	15.0	8	301.0	335	3.54	3.570	14.60	0	1	5	8
Volvo 142E	21.4	4	121.0	109	4.11	2.780	18.60	1	1	4	2

```
kable(iris[1:24,])
```

Sepal.Length	Sepal.Width	Petal.Length	Petal.Width	Species
5.1	3.5	1.4	0.2	setosa
4.9	3.0	1.4	0.2	setosa
4.7	3.2	1.3	0.2	setosa
4.6	3.1	1.5	0.2	setosa
5.0	3.6	1.4	0.2	setosa
5.4	3.9	1.7	0.4	setosa
4.6	3.4	1.4	0.3	setosa
5.0	3.4	1.5	0.2	setosa
4.4	2.9	1.4	0.2	setosa
4.9	3.1	1.5	0.1	setosa
5.4	3.7	1.5	0.2	setosa
4.8	3.4	1.6	0.2	setosa
4.8	3.0	1.4	0.1	setosa
4.3	3.0	1.1	0.1	setosa
5.8	4.0	1.2	0.2	setosa
5.7	4.4	1.5	0.4	setosa
5.4	3.9	1.3	0.4	setosa
5.1	3.5	1.4	0.3	setosa
5.7	3.8	1.7	0.3	setosa
5.1	3.8	1.5	0.3	setosa
5.4	3.4	1.7	0.2	setosa
5.1	3.7	1.5	0.4	setosa
4.6	3.6	1.0	0.2	setosa
5.1	3.3	1.7	0.5	setosa

## stargazer

% Table created by stargazer v.5.2 by Marek Hlavac, Harvard University. E-mail: hlavac at fas.harvard.edu  
% Date and time: Tue, Nov 21, 2017 - 03:16:44 PM

Table 3:

Statistic	N	Mean	St. Dev.	Min	Max
rating	30	64.633	12.173	40	85
complaints	30	66.600	13.315	37	90
privileges	30	53.133	12.235	30	83
learning	30	56.367	11.737	34	75
raises	30	64.633	10.397	43	88
critical	30	74.767	9.895	49	92
advance	30	42.933	10.289	25	72

% Table created by stargazer v.5.2 by Marek Hlavac, Harvard University. E-mail: hlavac at fas.harvard.edu  
% Date and time: Tue, Nov 21, 2017 - 03:16:50 PM

Table 4: Results

	<i>Dependent variable:</i>
	weight
feedhorsebean	-163.383*** (23.485)
feedlinseed	-104.833*** (22.393)
feedmeatmeal	-46.674** (22.896)
feedsoybean	-77.155*** (21.578)
feedsunflower	5.333 (22.393)
Constant	323.583*** (15.834)
Observations	71
R <sup>2</sup>	0.542
Adjusted R <sup>2</sup>	0.506
Residual Std. Error	54.850 (df = 65)
F Statistic	15.365*** (df = 5; 65)
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01

## psych

## Loading required namespace: GPArotation

% Called in the psych package fa2latex % Called in the psych package fa % Called in the psych package  
Factor analysis from R in quasi APA style

Table 5: fa2latex  
Factor analysis from R in quasi APA style

Variable	MR1	MR2	MR3	h2	u2	com
Sentences	<b>0.90</b>	-0.03	0.04	0.82	0.18	1.01
Vocabulary	<b>0.89</b>	0.06	-0.03	0.84	0.16	1.01
Sent.Completion	<b>0.84</b>	0.03	0.00	0.74	0.26	1.00
First.Letters	0.00	<b>0.85</b>	0.00	0.73	0.27	1.00
Four.Letter.Words	-0.02	<b>0.75</b>	0.10	0.63	0.37	1.04
Suffixes	0.18	<b>0.63</b>	-0.08	0.50	0.50	1.20
Letter.Series	0.03	-0.01	<b>0.84</b>	0.73	0.27	1.00
Pedigrees	<b>0.38</b>	-0.05	<b>0.46</b>	0.51	0.49	1.96
Letter.Group	-0.06	0.21	<b>0.63</b>	0.52	0.48	1.25
SS loadings	2.65	1.87	1.49			
MR1	1.00	0.59	0.53			
MR2	0.59	1.00	0.52			
MR3	0.53	0.52	1.00			