

PDF example with table

A PDF document using Quarto

In the code below, we fit several models and then use the `{modelsummary}` package to print a nicely formatted table with minimal effort:

```
library(modelsummary)

url <- 'https://vincentarelbundock.github.io/Rdatasets/csv/HistData/Guerry.csv'
dat <- read.csv(url)

models <- list(
  "OLS 1"      = lm(Donations ~ Literacy + Clergy, data = dat),
  "Poisson 1"  = glm(Donations ~ Literacy + Commerce, family = poisson, data = dat),
  "OLS 2"      = lm(Crime_pers ~ Literacy + Clergy, data = dat),
  "Poisson 2"  = glm(Crime_pers ~ Literacy + Commerce, family = poisson, data = dat),
  "OLS 3"      = lm(Crime_prop ~ Literacy + Clergy, data = dat)
)

modelsummary(models)
```

And an equation, for good measure:

$$\begin{aligned} S(\omega) &= \frac{\alpha g^2}{\omega^5} e^{[-0.74 \left\{ \frac{\omega U_{\omega} 19.5}{g} \right\}^{-4}]} \\ &= \frac{\alpha g^2}{\omega^5} \exp \left[-0.74 \left\{ \frac{\omega U_{\omega} 19.5}{g} \right\}^{-4} \right] \end{aligned}$$

	OLS 1	Poisson 1	OLS 2	Poisson 2	OLS 3
(Intercept)	7948.667 (2078.276)	8.241 (0.006)	16 259.384 (2611.140)	9.876 (0.003)	11 243.544 (1011.240)
Literacy	−39.121 (37.052)	0.003 (0.000 09)	3.680 (46.552)	−0.0003 (0.000 05)	−68.507 (18.029)
Clergy	15.257 (25.735)		77.148 (32.334)		−16.376 (12.522)
Commerce		0.011 (0.000 06)		0.0006 (0.000 04)	
Num.Obs.	86	86	86	86	86
R2	0.020		0.065		0.152
R2 Adj.	−0.003		0.043		0.132
AIC	1740.8	274 160.8	1780.0	257 564.4	1616.9
BIC	1750.6	274 168.2	1789.9	257 571.7	1626.7
Log.Lik.	−866.392	−137 077.401	−886.021	−128 779.186	−804.441
RMSE	5740.99	5491.61	7212.97	7451.70	2793.43