Untitled

doc\_type <- knitr::opts\_knit$get('rmarkdown.pandoc.to')  
use\_latex <- ifelse(doc\_type == "latex", yes = TRUE, no = FALSE)  
doc\_type  
use\_latex

mod1 <- lm(mpg ~ wt \* drat, data = mtcars)  
mod2 <- glm(mpg ~ wt, data = mtcars, family = "gaussian")  
mod3 <- lmer(Reaction ~ 1 + Days + (1|Subject), data = sleepstudy)  
mod4 <- glmer(cbind(incidence, size - incidence) ~ period + (1 | herd),  
 data = cbpp, family = binomial)  
mod5 <- brm(mpg ~ wt, data = mtcars)

(β = 3.88; SE = 3.80; CI = [−3.90, 11.66]; *t* = 1.02; *p* = .315)  
(β = 37.29; SE = 1.88; CI = [33.61, 40.97]; *t* = 19.86; *p* < .001)  
(β = 251.41; SE = 9.75; CI = [232.30, 270.51]; *t* = 25.79; *p* < .001)  
(β = −1.40; SE = 0.23; CI = [−1.85, −0.95]; *t* = −6.05; *p* < .001)  
(β = −5.35; SE = 0.59; CI = [−6.51, −4.21])

# printing models to tables

| Parameter | Estimate | SE | CI low | CI high | *t* | *p* |
| --- | --- | --- | --- | --- | --- | --- |
| Intercept | 5.55 | 12.63 | -20.32 | 31.42 | 0.44 | .664 |
| WT | 3.88 | 3.80 | -3.90 | 11.66 | 1.02 | .315 |
| DRAT | 8.49 | 3.32 | 1.69 | 15.30 | 2.56 | .016 |
| WT x DRAT | -2.54 | 1.09 | -4.78 | -0.30 | -2.33 | .027 |

| Parameter | Estimate | SE | CI low | CI high | *t* | df | *p* |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Intercept | 251.41 | 9.75 | 232.30 | 270.51 | 25.79 | 22.81 | < .001 |
| Days | 10.47 | 0.80 | 8.89 | 12.04 | 13.02 | 161.00 | < .001 |

| Parameter | Estimate | SE | CI low | CI high | *t* | *p* |
| --- | --- | --- | --- | --- | --- | --- |
| Intercept | -1.40 | 0.23 | -1.85 | -0.95 | -6.05 | < .001 |
| period2 | -0.99 | 0.30 | -1.59 | -0.40 | -3.27 | < .001 |
| period3 | -1.13 | 0.32 | -1.76 | -0.50 | -3.49 | < .001 |
| period4 | -1.58 | 0.42 | -2.41 | -0.75 | -3.74 | < .001 |

| Parameter | Estimate | SE | 2.5% | 97.5% | MPE |
| --- | --- | --- | --- | --- | --- |
| Intercept | 37.30 | 1.96 | 33.37 | 41.12 | 1.00 |
| wt | -5.35 | 0.59 | -6.51 | -4.21 | 1.00 |

special chars (subscripts, superscripts, IPA, math)

| Parameter | Estimate | SE | CI low | CI high | *t* | *p* |
| --- | --- | --- | --- | --- | --- | --- |
| Intercept | 5.55 | 12.63 | -20.32 | 31.42 | 0.44 | .664 |
| $\delta VOT\_{hi}$ | 3.88 | 3.80 | -3.90 | 11.66 | 1.02 | .315 |
| \textipa{[BSsoODP]} | 8.49 | 3.32 | 1.69 | 15.30 | 2.56 | .016 |
| wt:drat | -2.54 | 1.09 | -4.78 | -0.30 | -2.33 | .027 |

* TO address
  + captions
  + use actual minus sign for negative numbers
  + html functionality for mod\_to\_table
  + add unit tests
  + prob beta not equal to 0

36