tables

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```
stargazer(ma0,mb0,mc0,md0, header=F, type="html", out="regression.html")
```

Dependent variable:

invaded

nspp_exotic

invaded

next_nspp_exotic

logistic

glm: quasipoisson

logistic

glm: quasipoisson

link = log

link = log

(1)

(2)

(3)

(4)

nspp_native

-0.042***

-0.096***

0.471***

0.031

(0.009)

(0.006)

(0.125)

(0.023)

scale10m

-0.166**

-0.048

0.121

0.052

(0.080)

(0.047)

(0.113)

(0.225)

scale100m

-0.346***

0.006

0.392***

0.414*

(0.099)

(0.049)

(0.149)

(0.233)

scaleplot

-0.340*

0.266***

0.167

0.299

(0.199)

(0.069)

(0.360)

(0.376)

nspp_native:scale10m

0.071***

0.073***

-0.160

0.015

(0.010)

(0.007)

(0.146)

(0.026)

nspp_native:scale100m

0.107***

0.101***

-0.043

0.023

(0.010)

(0.007)

(0.146)

(0.024)

nspp_native:scaleplot

0.111***

0.102***

0.176

0.043*

(0.013)

(0.007)

(0.226)

(0.026)

Constant

0.181***

0.704***

-1.553***

-1.815***

(0.057)

(0.035)

(0.085)

(0.165)

Observations

11,625

11,625

3,263

3,263

Log Likelihood

-7,627.354

-1,557.042

Akaike Inf. Crit.

15,270.710

3,130.084

Note:

p<0.1; ***p<0.05;*** p<0.01

```
aovs<- rbind(car::Anova(ma0) %>%
    as_tibble(rownames = "variable") %>%
    mutate(response = "P(Invaded)"),
  car::Anova(mc0) %>%
    as_tibble(rownames = "variable") %>%
    mutate(response = "Exotic Richness"),
  car::Anova(md0) %>%
    as_tibble(rownames = "variable") %>%
    mutate(response = "Exotic Richness: Year 2"),
  car::Anova(mb0) %>%
    as_tibble(rownames = "variable") %>%
    mutate(response = "P(Invaded): Year 2"))

index_s <- table(aovs$response) %>%
                 as.data.frame() %>%
                 arrange(desc(Var1))

index_ss<- index_s$Freq
names(index_ss) <- index_s$Var1

aovs %>%
  mutate(variable = replace(variable, variable == "nspp_native",
                            "Native Richness"))%>%
  mutate(variable = replace(variable,
                            variable == "nspp_native:scale",
                            "Native Richness X Scale"))%>%
  mutate(variable = replace(variable,
                            variable == "scale",
                            "Scale")) %>%
  mutate(`LR Chisq` = round(`LR Chisq`, 1),
         `P(>Chisq)` = formatC(`Pr(>Chisq)`, format = "f", digits=3) %>%
           as.character %>%
           replace(.=="0.000", "<0.001"))%>%
  arrange(desc(response))%>%
  kable(
      booktabs=TRUE,
      # linesep=c("","","\\addlinespace"),
      # escape=F,
      # col.names=c("",
      #             "F", "P(>F)","F",
      #             "P(>F)","F", "P(>F)"),
        caption = "Type II ANOVA results") %>%
# add_header_above(c(" " = 1, "Year" = 2, "Invasion Stage" = 2, "Year x Invasion Stage"=2)) %>%
  kableExtra::kable_styling(font_size = 8)
```

```
  #   group_rows(index = index_ss)
```

Table 1: Type II ANOVA results

variable	LR Chisq	Df	Pr(>Chisq)	response	P(>Chisq)
Native Richness	8.6	1	0.0034533	P(Invaded): Year 2	0.003
Scale	567.9	3	0.0000000	P(Invaded): Year 2	<0.001
Native Richness X Scale	316.8	3	0.0000000	P(Invaded): Year 2	<0.001
Native Richness	187.9	1	0.0000000	P(Invaded)	<0.001
Scale	68.5	3	0.0000000	P(Invaded)	<0.001
Native Richness X Scale	125.8	3	0.0000000	P(Invaded)	<0.001
Native Richness	75.2	1	0.0000000	Exotic Richness: Year 2	<0.001
Scale	31.2	3	0.0000008	Exotic Richness: Year 2	<0.001
Native Richness X Scale	3.7	3	0.2915425	Exotic Richness: Year 2	0.292
Native Richness	77.2	1	0.0000000	Exotic Richness	<0.001
Scale	11.6	3	0.0090893	Exotic Richness	0.009
Native Richness X Scale	3.7	3	0.2911754	Exotic Richness	0.291