

# Tables.E1

*Russell Boag*

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```
## Loading required package: msm
## Loading required package: coda
## Loading required package: loo
## This is loo version 1.1.0
## Loading required package: hypergeo
## Loading required package: statmod
## Loading required package: pracma
## Loading required package: numDeriv
##
## Attaching package: 'numDeriv'
## The following objects are masked from 'package:pracma':
##
##      grad, hessian, jacobian
## Loading required package: vioplot
## Loading required package: sm
## Package 'sm', version 2.2-5.4: type help(sm) for summary information
##
## Attaching package: 'sm'
## The following object is masked from 'package:pracma':
##
##      nile
## Loading required package: ggplot2
## Loading required package: gridExtra
## Loading required package: rtdists
##
## Attaching package: 'car'
## The following object is masked from 'package:pracma':
##
##      logit
## Loading required package: lsr
##
## Attaching package: 'lsr'
## The following object is masked from 'package:pracma':
##
##      who
## Loading required package: lme4
```

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## Loading required package: Matrix
##
## Attaching package: 'Matrix'
## The following objects are masked from 'package:pracma':
##
##      expm, lu, tril, triu
## Loading required package: plyr
## Loading required package: dplyr
##
## Attaching package: 'dplyr'
## The following objects are masked from 'package:plyr':
##
##      arrange, count, desc, failwith, id, mutate, rename, summarise,
##      summarize
## The following object is masked from 'package:car':
##
##      recode
## The following object is masked from 'package:gridExtra':
##
##      combine
## The following objects are masked from 'package:stats':
##
##      filter, lag
## The following objects are masked from 'package:base':
##
##      intersect, setdiff, setequal, union
## Loading required package: tidyr
##
## Attaching package: 'tidyr'
## The following object is masked from 'package:Matrix':
##
##      expand
## Loading required package: broom
## Loading required package: pander
## Loading required package: xtable
##      plyr  dplyr  tidyr  broom pander xtable
##      TRUE   TRUE   TRUE   TRUE  TRUE  TRUE
##
## [1] TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE FALSE TRUE TRUE
## [12] TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE
## [23] TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE
## [34] TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE
## [45] TRUE TRUE TRUE TRUE
##
##      s cond block S R      RT
## 1 p1      A      2 cc N 5.138

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## 2 p1    A      2 cc C 4.249
## 4 p1    A      2 nn N 3.991
## 6 p1    A      2 cc N 4.843
## 7 p1    A      2 nn N 2.513
## 8 p1    A      2 cc C 3.610

## 'data.frame':  46598 obs. of  7 variables:
## $ s      : Factor w/ 47 levels "p1","p10","p11",...: 1 1 1 1 1 1 1 1 1 1 ...
## $ cond   : Factor w/ 4 levels "A","B","C","D": 1 1 1 1 1 1 1 1 1 1 ...
## $ block  : Factor w/ 2 levels "2","3": 1 1 1 1 1 1 1 1 1 1 ...
## $ S      : Factor w/ 2 levels "cc","nn": 1 1 2 1 2 1 2 1 2 1 ...
## $ R      : Factor w/ 3 levels "C","N","P": 2 1 2 2 2 1 2 1 2 1 ...
## $ RT     : num  5.14 4.25 3.99 4.84 2.51 ...
## $ C      : num  0 1 1 0 1 1 1 1 1 1 ...

##      s cond block  S R      RT C
## 1 p1    A      2 cc N 5.138 0
## 2 p1    A      2 cc C 4.249 1
## 4 p1    A      2 nn N 3.991 1
## 6 p1    A      2 cc N 4.843 0
## 7 p1    A      2 nn N 2.513 1
## 8 p1    A      2 cc C 3.610 1

## 'data.frame':  8536 obs. of  7 variables:
## $ s      : Factor w/ 47 levels "p1","p10","p11",...: 1 1 1 1 1 1 1 1 1 1 ...
## $ cond   : Factor w/ 4 levels "A","B","C","D": 1 1 1 1 1 1 1 1 1 1 ...
## $ block  : Factor w/ 1 level "3": 1 1 1 1 1 1 1 1 1 1 ...
## $ S      : Factor w/ 2 levels "pc","pn": 2 2 2 2 2 2 1 1 1 1 ...
## $ R      : Factor w/ 3 levels "C","N","P": 3 3 3 3 3 3 3 3 3 3 ...
## $ RT     : num  3.03 1.59 1.9 1.24 2.39 ...
## $ C      : num  1 1 1 1 1 1 1 1 1 1 ...

##      s cond block  S R      RT C
## 81 p1    A      3 pn P 3.032 1
## 82 p1    A      3 pn P 1.587 1
## 88 p1    A      3 pn P 1.897 1
## 92 p1    A      3 pn P 1.243 1
## 94 p1    A      3 pn P 2.393 1
## 95 p1    A      3 pn P 1.085 1

## Analysis of Deviance Table (Type II Wald chisquare tests)
##
## Response: C
##              Chisq Df Pr(>Chisq)
## S              1121.4219 1 < 2.2e-16 ***
## block           13.6093 1 0.0002251 ***
## cond            343.2824 3 < 2.2e-16 ***
## S:block          3.3689 1 0.0664378 .
## S:cond           64.8962 3 5.279e-14 ***
## block:cond       13.6686 3 0.0033928 **
## S:block:cond     4.5893 3 0.2044647
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

## Analysis of Deviance Table (Type II Wald chisquare tests)
##
## Response: C

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```
##           Chisq Df Pr(>Chisq)
## S           1.5316 1      0.2159
## cond       363.1671 3      <2e-16 ***
## S:cond      2.4623 3      0.4821
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
```

## R Markdown

Table 1: Analysis of Deviance Table (Type II Wald chisquare tests)

	Chisq	Df	Pr(>Chisq)
<b>S</b>	1121	1	7.3e-246
<b>block</b>	14	1	0.00023
<b>cond</b>	343	3	4.2e-74
<b>S:block</b>	3.4	1	0.066
<b>S:cond</b>	65	3	5.3e-14
<b>block:cond</b>	14	3	0.0034
<b>S:block:cond</b>	4.6	3	0.2

Table 2: Analysis of Deviance Table (Type II Wald chisquare tests)

	Chisq	Df	Pr(>Chisq)
<b>S</b>	1.5	1	0.22
<b>cond</b>	363	3	2.1e-78
<b>S:cond</b>	2.5	3	0.48

```
## % latex table generated in R 3.4.1 by xtable 1.8-2 package
## % Tue Jul 11 15:11:05 2017
## \begin{table}[ht]
## \centering
## \begin{tabular}{lrrr}
## \hline
## & Chisq & Df & Pr(>Chisq) \\
## \hline
## S & 1121.42 & 1 & 0.0000 \\
## block & 13.61 & 1 & 0.0002 \\
## cond & 343.28 & 3 & 0.0000 \\
## S:block & 3.37 & 1 & 0.0664 \\
## S:cond & 64.90 & 3 & 0.0000 \\
## block:cond & 13.67 & 3 & 0.0034 \\
## S:block:cond & 4.59 & 3 & 0.2045 \\
## \hline
## \end{tabular}
## \end{table}

## % latex table generated in R 3.4.1 by xtable 1.8-2 package
## % Tue Jul 11 15:11:05 2017
## \begin{table}[ht]
## \centering
```

```

## \begin{tabular}{lrrr}
##   \hline
##   & Chisq & Df & Pr(>Chisq) \\
##   \hline
## S & 1.53 & 1 & 0.2159 \\
##   cond & 363.17 & 3 & 0.0000 \\
##   S:cond & 2.46 & 3 & 0.4821 \\
##   \hline
## \end{tabular}
## \end{table}

```