md_summary_contrasts

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Packages

library(knitr);

```
library(readxl);
library(purrr)
library(modelsummary)
## 'modelsummary' 2.0.0 now uses 'tinytable' as its default table-drawing
##
    backend. Learn more at: https://vincentarelbundock.github.io/tinytable/
##
## Revert to 'kableExtra' for one session:
    options(modelsummary_factory_default = 'kableExtra')
##
## Change the default backend persistently:
##
    config_modelsummary(factory_default = 'gt')
##
## Silence this message forever:
##
##
    config_modelsummary(startup_message = FALSE)
library(kableExtra)
library(tidyverse);
## -- Attaching core tidyverse packages ----- tidyverse 2.0.0 --
## v dplyr 1.1.4
                      v readr
                                    2.1.5
## v forcats 1.0.0 v stringr
                                  1.5.1
## v ggplot2 3.5.0 v tibble
                                    3.2.1
## v lubridate 1.9.3
                       v tidyr
                                    1.3.1
## -- Conflicts -----
                                          ----- tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::group_rows() masks kableExtra::group_rows()
## x dplyr::lag()
                 masks stats::lag()
## i Use the conflicted package (<a href="http://conflicted.r-lib.org/">http://conflicted.r-lib.org/</a>) to force all conflicts to become error
library(tibble)
```

load table

```
excel_dir <-"M:/jsalminen/GitHub/par_EEGProcessing/src/_data/MIM_dataset/_studies/04162024_MIM_YAOAN89_
table_out <- read_excel(excel_dir,sheet="Sheet1")</pre>
get unique entries
clusters = unique(table_out$cluster_id);
subjects = unique(table_out$subj_char);
eeg_measures = c('alpha_avg_power','beta_avg_power','theta_avg_power','aperiodic_exp','aperiodic_offset
get speeds only
table_out <- filter_at(table_out,vars('cond_char'), any_vars(. %in% c('0.25','0.5','0.75','1.0')))
convert speeds & groups to factors
table_out <- mutate(table_out,across(c('cond_char','group_char'), factor))</pre>
head(table out)
## # A tibble: 6 x 121
     speed_ms subj_id subj_cl_ind subj_char comp_id design_id cond_id cond_char
##
        <dbl> <chr>
                            <dbl> <chr>
                                              <dbl> <chr>
                                                               <chr>
                                                                       <fct>
## 1
         0.86 1
                                                  8 2
                                                                       0.25
                                1 H1002
                                                               1
## 2
         0.87 2
                                2 H1004
                                                 11 2
                                                                       0.25
                                                               1
## 3
        0.91 3
                                3 H1007
                                                   8 2
                                                               1
                                                                       0.25
## 4
        0.67 4
                                4 H1009
                                                   4 2
                                                               1
                                                                       0.25
        0.78 5
## 5
                                5 H1010
                                                   1 2
                                                                       0.25
        0.7 7
## 6
                                6 H1012
                                                   5 2
                                                               1
                                                                       0.25
## # i 113 more variables: group_id <chr>, cluster_id <chr>, aperiodic_exp <dbl>,
       aperiodic_offset <dbl>, central_freq_1 <dbl>, central_freq_2 <dbl>,
       central_freq_3 <dbl>, power_1 <dbl>, power_2 <dbl>, power_3 <dbl>,
## #
       r_squared <dbl>, theta_avg_power <dbl>, alpha_avg_power <dbl>,
## #
       beta_avg_power <dbl>, theta_1 <dbl>, theta_2 <dbl>, theta_3 <dbl>,
## #
       theta_4 <dbl>, alpha_1 <dbl>, alpha_2 <dbl>, alpha_3 <dbl>, alpha_4 <dbl>,
       alpha_5 <lgl>, alpha_6 <lgl>, beta_1 <dbl>, beta_2 <dbl>, beta_3 <dbl>, ...
## #
LOOP through clusters & get constrast summaries
x
\begin{table}
```

	(1)
(Intercept)	3.504
	(0.128)
cond_char.L	-0.202
cond char.Q	(0.257) -0.037
cona_cnar.&	(0.257)
${\rm cond_char.C}$	-0.194
	(0.257)
Num.Obs.	256
R2	0.005
R2 Adj.	-0.007
AIC	1100.6
BIC	1118.4
Log.Lik.	-545.313
RMSE	2.04

x

$\overline{\backslash \mathrm{begin}\{\mathrm{table}\}}$

(1)
(1)
.945
.075)
0.043
0.150)
0.090
0.150)
0.030
.150)
256
.002
0.010
27.0
44.7
08.499
1.19
֡֡֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜

Х

	(1)
(Intercept)	0.991
	(0.071)
cond_char.L	-0.069
and share	(0.142) 0.002
cond_char.Q	(0.142)
cond char.C	-0.047
_	(0.142)
Num.Obs.	256
R2	0.001
R2 Adj.	-0.011
AIC	798.9
BIC	816.7
Log.Lik.	-394.465
RMSE	1.13

Х

$\overline{\backslash \mathrm{begin}\{\mathrm{table}\}}$

(1)
1.301
(0.018)
-0.039
(0.036)
-0.015
(0.036)
0.009
(0.036)
256
0.006
-0.006
90.2
108.0
-40.118
0.28

X

	(1)
(Intercept)	-0.508
	(0.034)
cond_char.L	-0.050
cond char.Q	(0.069) -0.010
cond_cnar.&	(0.069)
$cond_char.C$	0.011
	(0.069)
Num.Obs.	256
R2	0.002
R2 Adj.	-0.010
AIC	425.4
BIC	443.1
Log.Lik.	-207.703
RMSE	0.54

x

$\overline{\backslash \mathrm{begin}\{\mathrm{table}\}}$

	(1)
(Intercept)	1.415
	(0.118)
$cond_char.L$	-0.101
	(0.236)
cond_char.Q	0.037
1 1 0	(0.236)
cond_char.C	0.003
	(0.236)
Num.Obs.	200
R2	0.001
R2 Adj.	-0.014
AIC	779.1
BIC	795.6
Log.Lik.	-384.538
RMSE	1.65

X

	(1)
(Intercept)	1.592
1 1 T	(0.090)
cond_char.L	-0.134 (0.180)
cond_char.Q	-0.004
	(0.180)
$cond_char.C$	0.012
	(0.180)
Num.Obs.	200
R2	0.003
R2 Adj.	-0.012
AIC	670.4
BIC	686.9
Log.Lik.	-330.218
RMSE	1.26

x

$\overline{\backslash \mathrm{begin}\{\mathrm{table}\}}$

	(1)
(Intercept)	0.941
	(0.070)
$cond_char.L$	0.190
	(0.139)
$cond_char.Q$	0.008
	(0.139)
$cond_char.C$	-0.095
	(0.139)
Num.Obs.	200
R2	0.012
R2 Adj.	-0.003
AIC	568.0
BIC	584.5
Log.Lik.	-279.000
RMSE	0.98

Х

	(1)
(Intercept)	1.042
cond char.L	(0.021) 0.026
cond_cnar.n	(0.042)
${\rm cond_char.Q}$	0.004
1 1 0	(0.042)
cond_char.C	0.020 (0.042)
Num.Obs.	200
R2	0.003
R2 Adj.	-0.012
AIC	88.4
BIC	104.9
Log.Lik.	-39.217
RMSE	0.29

x

$\overline{\backslash \mathrm{begin}\{\mathrm{table}\}}$

	(1)
(Intercept)	-0.922
	(0.053)
$cond_char.L$	0.032
	(0.106)
$cond_char.Q$	0.008
	(0.106)
$\operatorname{cond_char.C}$	0.032
	(0.106)
Num.Obs.	200
R2	0.001
R2 Adj.	-0.014
AIC	459.2
BIC	475.7
Log.Lik.	-224.613
RMSE	0.74

Х

	(1)
(Intercept)	3.147
cond char.L	(0.177) -0.224
cond_cnar.L	-0.224 (0.353)
${\rm cond_char.Q}$	0.181
	(0.353)
$cond_char.C$	-0.050
	(0.353)
Num.Obs.	268
R2	0.003
R2 Adj.	-0.009
AIC	1335.9
BIC	1353.8
Log.Lik.	-662.928
RMSE	2.87

x

$\overline{\backslash \mathrm{begin}\{\mathrm{table}\}}$

	(1)
(Intercept)	2.987
	(0.099)
$cond_char.L$	-0.222
	(0.198)
$cond_char.Q$	0.048
	(0.198)
$\operatorname{cond_char.C}$	-0.056
	(0.198)
Num.Obs.	268
R2	0.005
R2 Adj.	-0.006
AIC	1025.9
BIC	1043.9
Log.Lik.	-507.972
RMSE	1.61

X

	(1)
(Intercept)	0.293
	(0.051)
$cond_char.L$	0.076
1 1 0	(0.101)
cond_char.Q	0.018
cond char.C	(0.101) -0.024
cond_cnar.c	(0.101)
Num.Obs.	268
R2	0.002
R2 Adj.	-0.009
AIC	665.7
BIC	683.6
Log.Lik.	-327.841
RMSE	0.82

x

$\overline{\backslash \mathrm{begin}\{\mathrm{table}\}}$

	(1)
(Intercept)	1.004
	(0.014)
$\operatorname{cond_char.L}$	0.033
	(0.029)
$cond_char.Q$	0.003
	(0.029)
$\operatorname{cond_char.C}$	-0.001
	(0.029)
Num.Obs.	268
R2	0.005
R2 Adj.	-0.006
AIC	-8.0
BIC	9.9
Log.Lik.	9.004
RMSE	0.23

X

	(1)
(Intercept)	-1.184
	(0.032)
cond_char.L	0.052
1 1 0	(0.064)
cond_char.Q	-0.004
aand ahan C	(0.064) 0.006
cond_char.C	(0.064)
	(0.004)
Num.Obs.	268
R2	0.003
R2 Adj.	-0.009
AIC	419.9
BIC	437.8
Log.Lik.	-204.944
RMSE	0.52

x

$\overline{\backslash \mathrm{begin}\{\mathrm{table}\}}$

	(1)
(Intercept)	0.606
	(0.078)
$\operatorname{cond_char.L}$	0.050
	(0.156)
$cond_char.Q$	0.108
	(0.156)
$\operatorname{cond_char.C}$	-0.001
	(0.156)
Num.Obs.	168
R2	0.004
R2 Adj.	-0.015
AIC	487.1
BIC	502.7
Log.Lik.	-238.552
RMSE	1.00

X

	(1)
(Intercept)	1.211
	(0.088)
cond_char.L	-0.069
	(0.177)
cond_char.Q	0.033
1 1 0	(0.177)
cond_char.C	0.025
	(0.177)
Num.Obs.	168
R2	0.001
R2 Adj.	-0.017
AIC	527.9
BIC	543.5
Log.Lik.	-258.942
RMSE	1.13

x

$\overline{\backslash \mathrm{begin}\{\mathrm{table}\}}$

	(1)
(Intercept)	1.176
	(0.075)
$cond_char.L$	0.189
	(0.150)
cond_char.Q	0.008
1 1 0	(0.150)
cond_char.C	-0.017
	(0.150)
Num.Obs.	168
R2	0.010
R2 Adj.	-0.008
AIC	473.6
BIC	489.2
Log.Lik.	-231.814
RMSE	0.96

X

	(1)
(Intercept)	1.038
	(0.020)
cond_char.L	0.022
1 1 0	(0.040)
cond_char.Q	-0.004
cond char.C	(0.040) 0.003
cond_cnar.c	(0.040)
Num.Obs.	168
R2	0.002
R2 Adj.	-0.016
AIC	28.1
BIC	43.8
Log.Lik.	-9.072
RMSE	0.26

x

$\overline{\langle begin\{table\}}$

(1)
-1.249
(0.053)
0.034
(0.106)
-0.011
(0.106)
0.009
(0.106)
168
0.001
-0.018
355.4
371.0
-172.689
0.68

Х

	(1)
(Intercept)	2.500
	(0.175)
cond_char.L	-0.181
1 1 0	(0.349)
cond_char.Q	0.096
cond char.C	(0.349) -0.076
cond_cnar.c	(0.349)
Num.Obs.	152
R2	0.003
R2 Adj.	-0.018
AIC	670.3
BIC	685.4
Log.Lik.	-330.147
RMSE	2.12

Х

$\overline{\backslash \mathrm{begin}\{\mathrm{table}\}}$

	(1)
(Intercept)	0.877
	(0.078)
$cond_char.L$	-0.101
	(0.157)
$cond_char.Q$	0.019
	(0.157)
cond_char.C	0.013
	(0.157)
Num.Obs.	152
R2	0.003
R2 Adj.	-0.017
AIC	426.5
BIC	441.6
Log.Lik.	-208.240
RMSE	0.95

X

	(1)
(Intercept)	0.551
	(0.056)
cond_char.L	0.050
	(0.111)
cond_char.Q	-0.033
1 1 0	(0.111)
cond_char.C	-0.059
	(0.111)
Num.Obs.	152
R2	0.004
R2 Adj.	-0.016
AIC	322.1
BIC	337.2
Log.Lik.	-156.062
RMSE	0.68

x

$\overline{\backslash \mathrm{begin}\{\mathrm{table}\}}$

	(1)
(Intercept)	0.925
	(0.029)
$\operatorname{cond_char.L}$	0.007
	(0.059)
$cond_char.Q$	-0.017
	(0.059)
$\operatorname{cond_char.C}$	0.008
	(0.059)
Num.Obs.	152
R2	0.001
R2 Adj.	-0.019
AIC	129.3
BIC	144.5
Log.Lik.	-59.675
RMSE	0.36

X

 $\overline{\langle begin\{table\}}$

	(1)
(Intercept)	-0.892
aand ahan I	(0.067) 0.051
cond_char.L	(0.133)
${\rm cond_char.Q}$	-0.007
	(0.133)
cond_char.C	0.012
	(0.133)
Num.Obs.	152
R2	0.001
R2 Adj.	-0.019
AIC	377.5
BIC	392.6
Log.Lik.	-183.734
RMSE	0.81

x

$\overline{\backslash \mathrm{begin}\{\mathrm{table}\}}$

	(1)
(Intercept)	3.466
	(0.223)
$\operatorname{cond_char.L}$	-0.321
	(0.446)
$cond_char.Q$	0.005
	(0.446)
$\operatorname{cond_char.C}$	-0.050
	(0.446)
Num.Obs.	136
R2	0.004
R2 Adj.	-0.019
AIC	652.1
BIC	666.7
Log.Lik.	-321.044
RMSE	2.56

X

	(1)
(Intercept)	1.441
	(0.097)
cond_char.L	-0.182
1 1 0	(0.194)
cond_char.Q	-0.043
cond char.C	(0.194) -0.007
cond_cnar.c	(0.194)
Num.Obs.	136
R2	0.007
R2 Adj.	-0.016
AIC	425.1
BIC	439.6
Log.Lik.	-207.536
RMSE	1.11

x

$\overline{\langle begin\{table\}}$

	(1)
(Intercept)	0.659
	(0.095)
$cond_char.L$	0.026
	(0.189)
$cond_char.Q$	0.006
	(0.189)
$cond_char.C$	-0.046
	(0.189)
Num.Obs.	136
R2	0.001
R2 Adj.	-0.022
AIC	418.8
BIC	433.4
Log.Lik.	-204.398
RMSE	1.09

Х

	(1)
(Intercept)	0.911
cond char.L	(0.026) 0.047
cond_cnar.n	(0.053)
${\rm cond_char.Q}$	-0.033
1 1 0	(0.053)
cond_char.C	-0.003 (0.053)
Num.Obs.	136
R2	0.009
R2 Adj.	-0.014
AIC	70.0
BIC	84.5
Log.Lik.	-29.991
RMSE	0.30

x

$\overline{\backslash \mathrm{begin}\{\mathrm{table}\}}$

(1)
-1.009
0.047)
0.105
(0.093)
-0.024
(0.093)
0.002
0.093)
136
0.010
-0.013
226.1
240.7
108.072
0.54

X

	(1)
(Intercept)	1.934
	(0.143)
cond_char.L	-0.093
1 1 0	(0.286)
cond_char.Q	0.119
and share C	(0.286) -0.034
cond_char.C	-0.034 (0.286)
	(0.280)
Num.Obs.	244
R2	0.001
R2 Adj.	-0.011
AIC	1091.4
BIC	1108.9
Log.Lik.	-540.705
RMSE	2.22

Х

$\overline{\langle begin\{table\}}$

	(1)
(Intercept)	2.640
	(0.129)
$\operatorname{cond_char.L}$	-0.166
	(0.259)
$cond_char.Q$	0.015
	(0.259)
$\operatorname{cond_char.C}$	-0.043
	(0.259)
Num.Obs.	244
R2	0.002
R2 Adj.	-0.011
AIC	1041.4
BIC	1058.9
Log.Lik.	-515.697
RMSE	2.00

Х

	(1)
(Intercept)	0.513
	(0.051)
cond_char.L	0.126
1 1 0	(0.103)
cond_char.Q	-0.012
cond char.C	(0.103) -0.067
cond_cnar.c	-0.007 (0.103)
Num.Obs.	244
R2	0.008
R2 Adj.	-0.004
AIC	590.0
BIC	607.5
Log.Lik.	-290.016
RMSE	0.79

x

$\overline{\langle begin\{table\}}$

	(1)
(Intercept)	0.966
	(0.017)
$cond_char.L$	0.031
	(0.033)
cond_char.Q	0.011
1 1 0	(0.033)
cond_char.C	0.006
	(0.033)
Num.Obs.	244
R2	0.004
R2 Adj.	-0.008
AIC	40.2
BIC	57.7
Log.Lik.	-15.109
RMSE	0.26

X

	(1)
(Intercept)	-1.217
	(0.035)
cond_char.L	0.049
1 1 0	(0.071)
cond_char.Q	0.010
cond char.C	(0.071) 0.015
cond_cnar.c	(0.071)
Num.Obs.	244
R2	0.002
R2 Adj.	-0.010
AIC	410.1
BIC	427.5
Log.Lik.	-200.031
RMSE	0.55

x

$\overline{\langle begin\{table\}}$

	(1)
(Intercept)	2.389
	(0.171)
$cond_char.L$	-0.181
	(0.343)
$cond_char.Q$	0.190
	(0.343)
cond_char.C	-0.062
	(0.343)
Num.Obs.	228
R2	0.003
R2 Adj.	-0.011
AIC	1086.6
BIC	1103.8
Log.Lik.	-538.313
RMSE	2.57

Х

	(1)
(Intercept)	1.622
cond char.L	$(0.091) \\ -0.126$
	(0.181)
$cond_char.Q$	0.063
	(0.181)
cond_char.C	-0.006
	(0.181)
Num.Obs.	228
R2	0.003
R2 Adj.	-0.011
AIC	796.5
BIC	813.7
Log.Lik.	-393.261
RMSE	1.36

x

$\overline{\langle \operatorname{begin}\{\operatorname{table}\}}$

(1)
0.628
(0.051)
0.155
(0.102)
0.048
(0.102)
-0.054 (0.102)
(0.102)
228
0.013
-0.001
531.6
548.8
-260.818
0.76

Х

	(1)
(Intercept)	1.082
cond char.L	(0.017) 0.017
00114_011411.2	(0.034)
${\rm cond_char.Q}$	-0.031
	(0.034)
cond_char.C	0.005
	(0.034)
Num.Obs.	228
R2	0.005
R2 Adj.	-0.008
AIC	29.2
BIC	46.4
Log.Lik.	-9.613
RMSE	0.25

x

$\overline{\langle begin\{table\}}$

	(1)
(Intercept)	-0.988
	(0.042)
$cond_char.L$	0.035
	(0.083)
cond_char.Q	-0.034
1 1 0	(0.083)
cond_char.C	0.007
	(0.083)
Num.Obs.	228
R2	0.002
R2 Adj.	-0.012
AIC	441.4
BIC	458.5
Log.Lik.	-215.694
RMSE	0.62

Х

	(1)
(Intercept)	2.727
1 1 1	(0.150)
cond_char.L	-0.187 (0.301)
cond char.Q	0.169
-	(0.301)
cond_char.C	-0.073
	(0.301)
Num.Obs.	252
R2	0.003
R2 Adj.	-0.009
AIC	1159.7
BIC	1177.4
Log.Lik.	-574.867
RMSE	2.37

x

$\overline{\langle begin\{table\}}$

	(1)
(Intercept)	1.515
	(0.078)
$cond_char.L$	-0.061
	(0.156)
cond_char.Q	-0.009
1 1 0	(0.156)
cond_char.C	-0.003
	(0.156)
Num.Obs.	252
R2	0.001
R2 Adj.	-0.011
AIC	830.1
BIC	847.8
Log.Lik.	-410.071
RMSE	1.23

Х

	(1)
(Intercept)	0.411
	(0.035)
cond_char.L	0.116
1 1 0	(0.069)
cond_char.Q	-0.008
1 -b C	(0.069)
cond_char.C	-0.056
	(0.069)
Num.Obs.	252
R2	0.014
R2 Adj.	0.002
AIC	421.2
BIC	438.9
Log.Lik.	-205.611
RMSE	0.55

x

$\overline{\langle \operatorname{begin}\{\operatorname{table}\}}$

	(1)
(Intercept)	0.970
	(0.022)
${\rm cond_char.L}$	0.002
	(0.044)
$cond_char.Q$	-0.012
	(0.044)
$cond_char.C$	0.024
	(0.044)
Num.Obs.	252
R2	0.001
R2 Adj.	-0.011
AIC	187.8
BIC	205.5
Log.Lik.	-88.925
RMSE	0.34

X

 $\overline{\langle begin\{table\}}$

	(1)
(Intercept)	-0.956
	(0.039)
$cond_char.L$	0.042
1 1 0	(0.078)
cond_char.Q	-0.004
and share C	$(0.078) \\ 0.030$
cond_char.C	(0.030)
	(0.010)
Num.Obs.	252
R2	0.002
R2 Adj.	-0.010
AIC	477.4
BIC	495.1
Log.Lik.	-233.712
RMSE	0.61

x

$\overline{\langle begin\{table\}}$

	(1)
(Intercept)	3.082
	(0.161)
$cond_char.L$	-0.373
1 1 0	(0.323)
cond_char.Q	0.062
1 1 0	(0.323)
cond_char.C	-0.023
	(0.323)
Num.Obs.	232
R2	0.006
R2 Adj.	-0.007
AIC	1082.0
BIC	1099.2
Log.Lik.	-535.991
RMSE	2.44

X

	(1)
(Intercept)	2.667
	(0.093)
cond_char.L	-0.259
1 1 0	(0.186)
cond_char.Q	-0.092
cond char.C	(0.186) -0.009
cond_cnar.c	-0.009 (0.186)
Num.Obs.	232
R2	0.010
R2 Adj.	-0.004
AIC	825.7
BIC	843.0
Log.Lik.	-407.864
RMSE	1.40

x

$\overline{\langle begin\{table\}}$

	(1)
(Intercept)	0.298
	(0.053)
${\rm cond_char.L}$	-0.018
	(0.106)
$cond_char.Q$	0.012
	(0.106)
$\operatorname{cond_char.C}$	0.002
	(0.106)
Num.Obs.	232
R2	0.000
R2 Adj.	-0.013
AIC	566.2
BIC	583.5
Log.Lik.	-278.116
RMSE	0.80

X

	(1)
(Intercept)	1.007
1 1 7	(0.017)
cond_char.L	0.017 (0.035)
cond char.Q	-0.009
-	(0.035)
$\operatorname{cond_char.C}$	-0.003
	(0.035)
Num.Obs.	232
R2	0.001
R2 Adj.	-0.012
AIC	50.3
BIC	67.5
Log.Lik.	-20.152
RMSE	0.26

x

$\overline{\backslash \mathrm{begin}\{\mathrm{table}\}}$

	(1)
(Intercept)	-1.044
	(0.036)
$cond_char.L$	0.038
1 1 0	(0.072)
cond_char.Q	-0.001
1 -1 C	(0.072)
cond_char.C	0.000
	(0.072)
Num.Obs.	232
R2	0.001
R2 Adj.	-0.012
AIC	388.2
BIC	405.5
Log.Lik.	-189.125
RMSE	0.55

X

	(1)
(Intercept)	1.056
1 1 7	(0.094)
cond_char.L	-0.039
cond char.Q	(0.189) 0.032
cond_cnar.cg	(0.189)
cond_char.C	-0.020
	(0.189)
Num.Obs.	188
R2	0.000
R2 Adj.	-0.016
AIC	636.4
BIC	652.6
Log.Lik.	-313.218
RMSE	1.28

x

$\overline{\langle begin\{table\}}$

	(1)
(Intercept)	0.918
	(0.068)
cond_char.L	-0.103
1 -10	(0.137)
cond_char.Q	-0.045 (0.137)
cond char.C	-0.003
	(0.137)
Num.Obs.	188
R2	0.004
R2 Adj.	-0.013
AIC	514.6
BIC	530.8
Log.Lik.	-252.296
RMSE	0.93
RMSE	0.93

X

	(1)
(Intercept)	0.702
cond char.L	(0.067) 0.162
cond_cnar.L	(0.134)
${\rm cond_char.Q}$	-0.058
	(0.134)
$cond_char.C$	-0.011
	(0.134)
Num.Obs.	188
R2	0.009
R2 Adj.	-0.007
AIC	506.2
BIC	522.4
Log.Lik.	-248.125
RMSE	0.91

x

$\overline{\langle begin\{table\}}$

	(1)
(Intercept)	0.993
	(0.021)
$cond_char.L$	0.014
	(0.041)
$cond_char.Q$	-0.005
	(0.041)
cond_char.C	0.007
	(0.041)
Num.Obs.	188
R2	0.001
R2 Adj.	-0.015
AIC	65.6
BIC	81.8
Log.Lik.	-27.790
RMSE	0.28
<u> </u>	·

X

 $\overline{\langle begin\{table\}}$

	(1)
(Intercept)	-0.958
	(0.056)
$cond_char.L$	0.035
	(0.111)
$cond_char.Q$	0.000
	(0.111)
cond_char.C	0.013
	(0.111)
Num.Obs.	188
R2	0.001
R2 Adj.	-0.016
AIC	437.2
BIC	453.4
Log.Lik.	-213.607
RMSE	0.75

x

$\overline{\langle begin\{table\}}$

	(1)
(Intercept)	1.261
	(0.127)
${\rm cond_char.L}$	-0.150
	(0.253)
$cond_char.Q$	0.210
	(0.253)
cond_char.C	0.004
	(0.253)
Num.Obs.	224
R2	0.005
R2 Adj.	-0.009
AIC	928.3
BIC	945.4
Log.Lik.	-459.164
RMSE	1.88
0	

X

	(1)
(Intercept)	1.988
cond_char.L	(0.117) -0.200
cond_char.Q	(0.233) 0.049
cond_char.C	(0.233) 0.005
	(0.233)
Num.Obs.	224
R2	0.004
R2 Adj.	-0.010
AIC	890.8
BIC	907.8
Log.Lik.	-440.378
RMSE	1.73

Х

$\overline{\langle \operatorname{begin}\{\operatorname{table}\}}$

	(1)
(Intercept)	0.665
	(0.070)
${\rm cond_char.L}$	0.135
	(0.140)
cond_char.Q	0.052
	` /
cond_char.C	-0.057
	(0.140)
Num.Obs.	224
R2	0.006
R2 Adj.	-0.008
AIC	663.3
BIC	680.4
Log.Lik.	-326.668
RMSE	1.04
cond_char.C Num.Obs. R2 R2 Adj. AIC BIC Log.Lik.	$\begin{array}{c} 0.052 \\ (0.140) \\ -0.057 \\ (0.140) \\ \hline 224 \\ 0.006 \\ -0.008 \\ 663.3 \\ 680.4 \\ -326.668 \\ \end{array}$

X

	(1)
(Intercept)	1.006
	(0.014)
cond_char.L	0.037
cond char.Q	(0.028) -0.010
cond_cnar.&	(0.028)
$\operatorname{cond_char.C}$	$0.013^{'}$
	(0.028)
Num.Obs.	224
R2	0.010
R2 Adj.	-0.004
AIC	-57.0
BIC	-40.0
Log.Lik.	33.509
RMSE	0.21

x

$\overline{\langle begin\{table\}}$

	(1)
(Intercept)	-1.256
	(0.031)
$cond_char.L$	0.057
	(0.062)
$cond_char.Q$	-0.017
	(0.062)
cond_char.C	0.019
	(0.062)
Num.Obs.	224
R2	0.005
R2 Adj.	-0.009
AIC	300.1
BIC	317.1
Log.Lik.	-145.029
RMSE	0.46