

R version 4.4.1 (2024-06-14) -- "Race for Your Life"
Copyright (C) 2024 The R Foundation for Statistical Computing
Platform: x86_64-apple-darwin20

R is free software and comes with ABSOLUTELY NO WARRANTY.
You are welcome to redistribute it under certain conditions.
Type 'license()' or 'licence()' for distribution details.

R is a collaborative project with many contributors.
Type 'contributors()' for more information and
'citation()' on how to cite R or R packages in publications.

Type 'demo()' for some demos, 'help()' for on-line help, or
'help.start()' for an HTML browser interface to help.
Type 'q()' to quit R.

[R.app GUI 1.80 (8416) x86_64-apple-darwin20]

[Workspace restored from /Users/schembra/.RData]
[History restored from /Users/schembra/.Rapp.history]

> source("http://www.danielezrajohnson.com/Rbrul.R")

Internet found...
Updating/installing/loading 15 packages...

Loading lattice package...
Successfully loaded lattice package.

Loading MuMIn package...
Successfully loaded MuMIn package.

Loading shiny package...
Successfully loaded shiny package.

Loading lme4 package...
Successfully loaded lme4 package.

Loading rlang package...
Successfully loaded rlang package.

Loading Rcpp package...
Successfully loaded Rcpp package.

Loading lmerTest package...
Successfully loaded lmerTest package.

Loading MuMIn package...
Successfully loaded MuMIn package.

Loading shiny package...
Successfully loaded shiny package.

Loading lme4 package...
Successfully loaded lme4 package.

Loading readr package...
Successfully loaded readr package.

Loading tools package...
Successfully loaded tools package.

Loading MuMIn package...
Successfully loaded MuMIn package.

Loading shiny package...
Successfully loaded shiny package.

Loading lme4 package...
Successfully loaded lme4 package.

If any packages did not load successfully, I recommend fixing this problem before continuing.

This may be as simple as manually installing the package, for example:

```
> install.packages("MuMIn")
```

Windows users may have to run R as administrator in order to have permission to install packages.

To run classic Rbrul, type oldbrul().

To run Shiny Rbrul, type rbrul().

```
> oldbrul()
```

Welcome to Rbrul version 3.1.7 – Brandy Brow
Your current R version is 4.4.1 – Race for Your Life

In case of trouble, make sure your R version is updated, and try loading Rbrul again.

Please don't hesitate to email danielezrajohnson@gmail.com for help. (This works!)

Windows users may need to run R as administrator the first time they use Rbrul, or when updates occur. Right-click to do this. You may need an admin password.

If you get an error saying 'invalid multibyte string', it means foreign characters are in your data: accents, diacritics, digraphs, or even worse! Get rid of them!

Rbrul may no longer be suppressing (red) convergence warnings. Models that didn't converge properly may be too complex for the data. Trust them at your own risk.

Please consider giving Rbrul your support as it continues to develop and improve.

Pledges of \$1 per month (or more!) can be made at <https://www.patreon.com/rbrul>.

No data loaded.

MAIN MENU

1-load/save data

9-reset 0-exit

1: 1

No data loaded.

What separates the columns in the data file to open?

(c-commas s-semicolons t-tabs tf-token file)

Press Enter to exit, keeping current data file, if any.

1: t

Current data file is: /Users/schembra/Desktop/QvsC 2024 for Rbrul.txt

Current data structure:

ID (numeric with 70 values): 4778571502 4778547210 4778190411 4778184165 4254631994 ...

Gender (factor with 2 values): M F

EdLvl (factor with 8 values): UG Y12 Y10 Dip TAFE Dip ...

Motivation (factor with 8 values): NR 3 5 6 7 ...

ProUseIntent (factor with 3 values): Maybe No Yes

FLLXP (factor with 4 values): None Medium Low High

HomeLOTE (factor with 4 values): 1 2 0 NR

HABITS.MEAN (numeric with 16 values): 1.9 2.3 2.1 1.5 2.7 ...

FLE.MEAN (numeric with 17 values): 3.6 4.3 4.1 4.4 3.8 ...

FLCA.MEAN (numeric with 27 values): 3.4 3 1.1 1.5 4.3 ...

SILL.TOTAL.MEAN (numeric with 20 values): 3 3.6 3.3 3.1 2.8 ...

Habits1..individual..goal.directed.study (numeric with 17 values): 2.1 2 2.4 2.3 1.6 ...

Habits.2..social.interaction.with.Deaf.networks (numeric with 17 values): 1.7 1.2 3 1.5 1.3 ...

Habits.3..immersion.in.Auslan (numeric with 13 values): 1.7 2.2 2 1.8 2.5 ...

Motiv1..DeafRel (factor with 3 values): NR 1 0

Motiv2..ProUse (factor with 3 values): NR 0 1

Motiv3..Interest (factor with 3 values): NR 0 1

QvsC (factor with 2 values): Q C

Total tokens: 70

MAIN MENU

1-load/save data 2-adjust data

4-crosstabs 5-modeling 6-plotting

8-restore data 9-reset 0-exit

1: 5

No variables chosen.

MODELING MENU

1-choose variables 2-one-level (recommended)
3-step-up 4-step-down 5-step-up/step-down
6-trim 7-plotting 8-settings 9-main menu 0-exit
10-chi-square test

1: 1

Choose response (dependent variable) by number (1-ID 2-Gender 3-EdLvl 4-Motivation 5-ProUseIntent 6-FLLXP 7-HomeLOTE 8-HABITS.MEAN 9-FLE.MEAN 10-FLCA.MEAN 11-SILL.TOTAL.MEAN 12-Habits1..individual..goal.directed.study 13-Habits.2..social.interaction.with.Deaf.networks 14-Habits.3..immersion.in.Auslan 15-Motiv1..DeafRel 16-Motiv2..ProUse 17-Motiv3..Interest 18-QvsC)

1: 18

Type of response? (1-continuous Enter-binary)

1:

Choose application value(s) by number? (1-C 2-Q)

1: 1

Choose predictors (independent variables) by number (1-ID 2-Gender 3-EdLvl 4-Motivation 5-ProUseIntent 6-FLLXP 7-HomeLOTE 8-HABITS.MEAN 9-FLE.MEAN 10-FLCA.MEAN 11-SILL.TOTAL.MEAN 12-Habits1..individual..goal.directed.study 13-Habits.2..social.interaction.with.Deaf.networks 14-Habits.3..immersion.in.Auslan 15-Motiv1..DeafRel 16-Motiv2..ProUse 17-Motiv3..Interest)

1: 1

2: 2

3: 3

4: 5

5: 6

6:

Are any predictors continuous? (1-ID 2-Gender 3-EdLvl 5-ProUseIntent 6-FLLXP Enter-none)

1:

Consider the interaction between two fixed effects? [For interactions between fixed and random effects, use random slopes, below.] (1-ID 2-Gender 3-EdLvl 5-ProUseIntent 6-FLLXP Enter-done)

1:

Any random intercepts? (1-ID 2-Gender 3-EdLvl 5-ProUseIntent 6-FLLXP Enter-none)

1: 1

2:

Any by-ID random slopes - must vary for each ID? (2-Gender 3-EdLvl 5-ProUseIntent 6-FLLXP Enter-none)

1:

Current variables are:

response.binary: QvsC (C vs. Q)

fixed.factor: Gender EdLvl ProUseIntent FLLXP

random.intercept: ID

MODELING MENU

1-choose variables 2-one-level (recommended)
 3-step-up 4-step-down 5-step-up/step-down
 6-trim 7-plotting 8-settings 9-main menu 0-exit
 10-chi-square test

1: 2

boundary (singular) fit: see help('isSingular')

ONE-LEVEL ANALYSIS OF RESPONSE QvsC WITH PREDICTOR(S): ID [random,
 not tested] and ProUseIntent (0.0465) + FLLXP (0.554) + Gender
 (0.586) + EdLvl (0.621)

\$Gender

factor	logodds	tokens	C/C+Q	centered	factor weight
F	0.194	54	0.407		0.548
M	-0.194	16	0.312		0.452

\$EdLvl

factor	logodds	tokens	C/C+Q	centered	factor weight
PhD	17.673	2	1.000		> 0.999
Y10	0.598	4	0.500		0.645
TAFE Dip	0.261	9	0.444		0.565
UG	-0.042	26	0.385		0.49
PG	-0.323	3	0.333		0.42
Y12	-1.059	13	0.308		0.258
TAFE Cert	-1.078	12	0.333		0.254
Dip	-16.030	1	0.000		< 0.001

\$ProUseIntent

factor	logodds	tokens	C/C+Q	centered	factor weight
Yes	0.748	28	0.536		0.679
No	0.023	5	0.400		0.506
Maybe	-0.771	37	0.270		0.316

\$FLLXP

factor	logodds	tokens	C/C+Q	centered	factor weight
Low	0.488	25	0.400		0.62
High	0.145	4	0.750		0.536
Medium	0.062	22	0.409		0.515
None	-0.695	19	0.263		0.333

\$`ID (random)`

	intercept	tokens	C/C+Q	centered	factor weight
std dev	0.205	70	0.386		...
...
4242717108	0.036	1	1		0.509
4247431326	0.035	1	1		0.509
4254607882	0.031	1	1		0.508
4242371167	0.029	1	1		0.507
4242720033	0.029	1	1		0.507
4706242180	0.028	1	1		0.507
4242718184	0.027	1	1		0.507
4247430367	0.026	1	1		0.507
4778177261	0.025	1	1		0.506

4778204601	0.025	1	1	0.506
4242720299	0.024	1	1	0.506
4247424110	0.024	1	1	0.506
5025941830	0.024	1	1	0.506
4775570647	0.023	1	1	0.506
4775606139	0.022	1	1	0.506
4775612891	0.022	1	1	0.506
4242724527	0.021	1	1	0.505
4242369354	0.02	1	1	0.505
4242718978	0.02	1	1	0.505
4242715744	0.015	1	1	0.504
4242721465	0.014	1	1	0.504
4247430255	0.014	1	1	0.504
4242371052	0.013	1	1	0.503
4242714271	0.011	1	1	0.503
4254592340	0.011	1	1	0.503
4242719426	0	1	0	0.5
4254613140	0	1	1	0.5
4775575276	0	1	1	0.5
4242370216	-0.002	1	0	0.5
4242715752	-0.003	1	0	0.499
4775579908	-0.003	1	0	0.499
4778571502	-0.005	1	0	0.499
4242371723	-0.006	1	0	0.499
4242369586	-0.007	1	0	0.498
4242371490	-0.007	1	0	0.498
4242717248	-0.007	1	0	0.498
4242718447	-0.007	1	0	0.498
4242370907	-0.008	1	0	0.498
4242379492	-0.008	1	0	0.498
4254586057	-0.008	1	0	0.498
4254599722	-0.008	1	0	0.498
4254627203	-0.008	1	0	0.498
4242717872	-0.009	1	0	0.498
4778516160	-0.009	1	0	0.498
4247424858	-0.01	1	0	0.498
4778547210	-0.011	1	0	0.497
4254631994	-0.012	1	0	0.497
4247423912	-0.013	1	0	0.497
4254571805	-0.013	1	0	0.497
4775632940	-0.013	1	0	0.497
4778494513	-0.013	1	0	0.497
4247487082	-0.015	1	0	0.496
4778190411	-0.016	1	0	0.496
4242716533	-0.017	1	0	0.496
4247425542	-0.017	1	0	0.496
4247433234	-0.017	1	0	0.496
4254620371	-0.017	1	0	0.496
4778184165	-0.017	1	0	0.496
4242371778	-0.018	1	0	0.496
4247424837	-0.02	1	0	0.495
4247944869	-0.02	1	0	0.495
4242369437	-0.021	1	0	0.495
4242717128	-0.021	1	0	0.495

4249898917	-0.021	1	0	0.495
4775600090	-0.021	1	0	0.495
4846331155	-0.022	1	0	0.495
4775560322	-0.023	1	0	0.494
4242371919	-0.024	1	0	0.494
4775553440	-0.026	1	0	0.494
4242713562	-0.028	1	0	0.493

\$misc.1

n	df	intercept	overall	proportion	centered	input	prob
70	15	-0.285		0.386			0.429

\$misc.2

log.likelihood	AIC	AICc	Dxy.fixed	Dxy.total	R2.fixed
R2.random	R2.total				
-39.718	109.436	118.325	0	0.478	0.814
0.002	0.816				

Current variables are:

response.binary: QvsC (C vs. Q)

fixed.factor: Gender EdLvl ProUseIntent FLLXP

random.intercept: ID

MODELING MENU

1-choose variables 2-one-level (recommended)
 3-step-up 4-step-down 5-step-up/step-down
 6-trim 7-plotting 8-settings 9-main menu 0-exit
 10-chi-square test
 11-open this model in Shiny Rbrul!

1: 1

Choose response (dependent variable) by number, or Enter to keep QvsC (1-ID 2-Gender 3-EdLvl 4-Motivation 5-ProUseIntent 6-FLLXP 7-HomeLOTE 8-HABITS.MEAN 9-FLE.MEAN 10-FLCA.MEAN 11-SILL.TOTAL.MEAN 12-Habits1..individual..goal.directed.study 13-Habits.2..social.interaction.with.Deaf.networks 14-Habits.3..immersion.in.Auslan 15-Motiv1..DeafRel 16-Motiv2..ProUse 17-Motiv3..Interest 18-QvsC)

1: 18

Type of response? (1-continuous Enter-binary)

1:

Choose application value(s) by number? (1-Q 2-C)

1: 2

Choose predictors (independent variables) by number, or Enter to keep ID & Gender & EdLvl & ProUseIntent & FLLXP (1-ID 2-Gender 3-EdLvl 4-Motivation 5-ProUseIntent 6-FLLXP 7-HomeLOTE 8-HABITS.MEAN 9-FLE.MEAN 10-FLCA.MEAN 11-SILL.TOTAL.MEAN 12-Habits1..individual..goal.directed.study 13-Habits.2..social.interaction.with.Deaf.networks 14-Habits.3..immersion.in.Auslan 15-Motiv1..DeafRel 16-Motiv2..ProUse 17-Motiv3..Interest)

1: 9

2: 10

3: 11

```

4: 1
5:
Are any predictors continuous? (9-FLE.MEAN 10-FLCA.MEAN 11-
SILL.TOTAL.MEAN 1-ID Enter-none)
1: 9
2: 10
3: 11
4:
Consider the interaction between two fixed effects? [For
interactions between fixed and random effects, use random slopes,
below.] (9-FLE.MEAN 10-FLCA.MEAN 11-SILL.TOTAL.MEAN 1-ID Enter-done)
1:
Any random intercepts? (1-ID Enter-none)
1: 1
Any by-ID random slopes - must vary for each ID? (9-FLE.MEAN 10-
FLCA.MEAN 11-SILL.TOTAL.MEAN Enter-none)
1:

```

```

Current variables are:
response.binary: QvsC (C vs. Q)
fixed.continuous: FLE.MEAN FLCA.MEAN SILL.TOTAL.MEAN
random.intercept: ID

```

MODELING MENU

```

1-choose variables 2-one-level (recommended)
3-step-up 4-step-down 5-step-up/step-down
6-trim 7-plotting 8-settings 9-main menu 0-exit
10-chi-square test
11-open this model in Shiny Rbrul!
1: 2
boundary (singular) fit: see help('isSingular')

```

```

ONE-LEVEL ANALYSIS OF RESPONSE QvsC WITH PREDICTOR(S): ID [random,
not tested] and FLE.MEAN (0.0115) + SILL.TOTAL.MEAN (0.736) +
FLCA.MEAN (0.812)

```

```

$FLE.MEAN
continuous logodds
+1 1.945

```

```

$FLCA.MEAN
continuous logodds
+1 -0.075

```

```

$SILL.TOTAL.MEAN
continuous logodds
+1 0.209

```

```

$`ID (random)`
            intercept tokens C/C+Q centered factor weight
            std dev    0.135    70 0.386                ...
            ...      ...      ...      ...                ...
4775575276    0.016      1      1                0.504
4254613140    0.014      1      1                0.504

```


4706242180	0.014	1	1	0.504
4242724527	0.013	1	1	0.503
4247430367	0.013	1	1	0.503
4775612891	0.012	1	1	0.503
4242371167	0.011	1	1	0.503
4242720299	0.011	1	1	0.503
4242721465	0.011	1	1	0.503
4247430255	0.011	1	1	0.503
4254592340	0.011	1	1	0.503
4775606139	0.011	1	1	0.503
4778204601	0.011	1	1	0.503
4242718978	0.01	1	1	0.503
4242715744	0.009	1	1	0.502
4242717108	0.009	1	1	0.502
4242718184	0.009	1	1	0.502
4247424110	0.008	1	1	0.502
4247431326	0.008	1	1	0.502
4775570647	0.008	1	1	0.502
4778177261	0.008	1	1	0.502
4242369354	0.007	1	1	0.502
4242371052	0.007	1	1	0.502
4242720033	0.006	1	1	0.502
4254607882	0.006	1	1	0.502
5025941830	0.006	1	1	0.502
4242714271	0.005	1	1	0.501
4242715752	-0.001	1	0	0.5
4775632940	-0.001	1	0	0.5
4247944869	-0.002	1	0	0.5
4254627203	-0.002	1	0	0.5
4778571502	-0.002	1	0	0.5
4242370216	-0.003	1	0	0.499
4242379492	-0.003	1	0	0.499
4247424837	-0.003	1	0	0.499
4254631994	-0.003	1	0	0.499
4775560322	-0.003	1	0	0.499
4242371490	-0.004	1	0	0.499
4242718447	-0.004	1	0	0.499
4247424858	-0.004	1	0	0.499
4254571805	-0.004	1	0	0.499
4778516160	-0.004	1	0	0.499
4242371778	-0.005	1	0	0.499
4247423912	-0.005	1	0	0.499
4242717248	-0.006	1	0	0.499
4247433234	-0.006	1	0	0.499
4249898917	-0.006	1	0	0.499
4778190411	-0.006	1	0	0.499
4778547210	-0.006	1	0	0.499
4242371723	-0.007	1	0	0.498
4242717872	-0.007	1	0	0.498
4242719426	-0.007	1	0	0.498
4247487082	-0.007	1	0	0.498
4775579908	-0.007	1	0	0.498
4242369437	-0.008	1	0	0.498
4242716533	-0.008	1	0	0.498

4247425542	-0.008	1	0	0.498
4254586057	-0.008	1	0	0.498
4254599722	-0.008	1	0	0.498
4254620371	-0.008	1	0	0.498
4778184165	-0.008	1	0	0.498
4778494513	-0.008	1	0	0.498
4242369586	-0.009	1	0	0.498
4242717128	-0.01	1	0	0.498
4775600090	-0.01	1	0	0.498
4846331155	-0.01	1	0	0.498
4242370907	-0.011	1	0	0.497
4242371919	-0.011	1	0	0.497
4242713562	-0.013	1	0	0.497
4775553440	-0.013	1	0	0.497

\$misc.1

n	df	intercept	overall	proportion
70	5	-9.449		0.386

\$misc.2

log.likelihood	AIC	AICc	Dxy.fixed	Dxy.total	R2.fixed	R2.random
-42.125	94.25	95.187	0	0.402	0.177	0.005
0.182						

Current variables are:

response.binary: QvsC (C vs. Q)

fixed.continuous: FLE.MEAN FLCA.MEAN SILL.TOTAL.MEAN

random.intercept: ID

MODELING MENU

1-choose variables 2-one-level (recommended)

3-step-up 4-step-down 5-step-up/step-down

6-trim 7-plotting 8-settings 9-main menu 0-exit

10-chi-square test

11-open this model in Shiny Rbrul!

1: 1

Choose response (dependent variable) by number, or Enter to keep QvsC (1-ID 2-Gender 3-EdLvl 4-Motivation 5-ProUseIntent 6-FLLXP 7-HomeLOTE 8-HABITS.MEAN 9-FLE.MEAN 10-FLCA.MEAN 11-SILL.TOTAL.MEAN 12-Habits1..individual..goal.directed.study 13-Habits.2..social.interaction.with.Deaf.networks 14-Habits.3..immersion.in.Auslan 15-Motiv1..DeafRel 16-Motiv2..ProUse 17-Motiv3..Interest 18-QvsC)

1: 9

Type of response? (1-continuous Enter-binary)

1: 1

Choose predictors (independent variables) by number (1-ID 2-Gender 3-EdLvl 4-Motivation 5-ProUseIntent 6-FLLXP 7-HomeLOTE 8-HABITS.MEAN 10-FLCA.MEAN 11-SILL.TOTAL.MEAN 12-Habits1..individual..goal.directed.study 13-Habits.2..social.interaction.with.Deaf.networks 14-Habits.3..immersion.in.Auslan 15-Motiv1..DeafRel 16-Motiv2..ProUse

17-Motiv3..Interest 18-QvsC)

1: 1

2: 18

3:

Are any predictors continuous? (1-ID 18-QvsC Enter-none)

1:

Consider the interaction between two fixed effects? [For interactions between fixed and random effects, use random slopes, below.] (1-ID 18-QvsC Enter-done)

1:

Any random intercepts? (1-ID 18-QvsC Enter-none)

1: 1

2:

Any by-ID random slopes – must vary for each ID? (18-QvsC Enter-none)

1:

Current variables are:

response.continuous: FLE.MEAN

fixed.factor: QvsC

random.intercept: ID

MODELING MENU

1-choose variables 2-one-level (recommended)

3-step-up 4-step-down 5-step-up/step-down

6-trim 7-plotting 8-settings 9-main menu 0-exit

10-chi-square test

11-open this model in Shiny Rbrul!

1: 2

ONE-LEVEL ANALYSIS OF RESPONSE FLE.MEAN WITH PREDICTOR(S): ID

[random, not tested] and QvsC (~0)

Error Message:

Error : number of levels of each grouping factor must be < number of observations (problems: ID)

NULL

Current variables are:

response.continuous: FLE.MEAN

fixed.factor: QvsC

random.intercept: ID

MODELING MENU

1-choose variables 2-one-level (recommended)

3-step-up 4-step-down 5-step-up/step-down

6-trim 7-plotting 8-settings 9-main menu 0-exit

10-chi-square test

11-open this model in Shiny Rbrul!

1: 1

Choose response (dependent variable) by number, or Enter to keep FLE.MEAN (1-ID 2-Gender 3-EdLvl 4-Motivation 5-ProUseIntent 6-FLLXP 7-HomeLOTE 8-HABITS.MEAN 9-FLE.MEAN 10-FLCA.MEAN 11-SILL.TOTAL.MEAN

12-Habits1..individual..goal.directed.study 13-
Habits.2..social.interaction.with.Deaf.networks 14-
Habits.3..immersion.in.Auslan 15-Motiv1..DeafRel 16-Motiv2..ProUse
17-Motiv3..Interest 18-QvsC)

1:

Choose predictors (independent variables) by number, or Enter to
keep ID & QvsC (1-ID 2-Gender 3-EdLvl 4-Motivation 5-ProUseIntent 6-
FLLXP 7-HomeLOTE 8-HABITS.MEAN 10-FLCA.MEAN 11-SILL.TOTAL.MEAN 12-
Habits1..individual..goal.directed.study 13-
Habits.2..social.interaction.with.Deaf.networks 14-
Habits.3..immersion.in.Auslan 15-Motiv1..DeafRel 16-Motiv2..ProUse
17-Motiv3..Interest 18-QvsC)

1: 18

2:

Are any predictors continuous? (18-QvsC Enter-none)

1:

Any random intercepts? (18-QvsC Enter-none)

1:

Current variables are:

response.continuous: FLE.MEAN

fixed.factor: QvsC

MODELING MENU

1-choose variables 2-one-level (recommended)
3-step-up 4-step-down 5-step-up/step-down
6-trim 7-plotting 8-settings 9-main menu 0-exit
10-chi-square test
11-open this model in Shiny Rbrul!

1: 2

ONE-LEVEL ANALYSIS OF RESPONSE FLE.MEAN WITH PREDICTOR(S): QvsC
(0.00311)

\$QvsC

factor	coef	tokens	mean
C	0.141	27	4.478
Q	-0.141	43	4.195

\$misc.1

n	df	intercept	overall	mean
70	3	4.337		4.304

\$misc.2

log.likelihood	AIC	AICc	R2
-31.028	68.057	68.42	0.116

Current variables are:

response.continuous: FLE.MEAN

fixed.factor: QvsC

MODELING MENU

1-choose variables 2-one-level (recommended)

3-step-up 4-step-down 5-step-up/step-down
 6-trim 7-plotting 8-settings 9-main menu 0-exit
 10-chi-square test
 11-open this model in Shiny Rbrul!
 1: 1
 Choose response (dependent variable) by number, or Enter to keep
 FLE.MEAN (1-ID 2-Gender 3-EdLvl 4-Motivation 5-ProUseIntent 6-FLLXP
 7-HomeLOTE 8-HABITS.MEAN 9-FLE.MEAN 10-FLCA.MEAN 11-SILL.TOTAL.MEAN
 12-Habits1..individual..goal.directed.study 13-
 Habits.2..social.interaction.with.Deaf.networks 14-
 Habits.3..immersion.in.Auslan 15-Motiv1..DeafRel 16-Motiv2..ProUse
 17-Motiv3..Interest 18-QvsC)
 1: 18
 Type of response? (1-continuous Enter-binary)
 1:
 Choose application value(s) by number? (1-Q 2-C)
 1: 2
 Choose predictors (independent variables) by number (1-ID 2-Gender
 3-EdLvl 4-Motivation 5-ProUseIntent 6-FLLXP 7-HomeLOTE 8-HABITS.MEAN
 9-FLE.MEAN 10-FLCA.MEAN 11-SILL.TOTAL.MEAN 12-
 Habits1..individual..goal.directed.study 13-
 Habits.2..social.interaction.with.Deaf.networks 14-
 Habits.3..immersion.in.Auslan 15-Motiv1..DeafRel 16-Motiv2..ProUse
 17-Motiv3..Interest)
 1: 1
 2: 12
 3: 13
 4: 14
 5:
 Are any predictors continuous? (1-ID 12-
 Habits1..individual..goal.directed.study 13-
 Habits.2..social.interaction.with.Deaf.networks 14-
 Habits.3..immersion.in.Auslan Enter-none)
 1: 12
 2: 13
 3: 14
 4:
 Consider the interaction between two fixed effects? [For
 interactions between fixed and random effects, use random slopes,
 below.] (1-ID 12-Habits1..individual..goal.directed.study 13-
 Habits.2..social.interaction.with.Deaf.networks 14-
 Habits.3..immersion.in.Auslan Enter-done)
 1:
 Any random intercepts? (1-ID Enter-none)
 1: 1
 Any by-ID random slopes – must vary for each ID? (12-
 Habits1..individual..goal.directed.study 13-
 Habits.2..social.interaction.with.Deaf.networks 14-
 Habits.3..immersion.in.Auslan Enter-none)
 1:
 Current variables are:
 response.binary: QvsC (C vs. Q)
 fixed.continuous: Habits1..individual..goal.directed.study

Habits.2..social.interaction.with.Deaf.networks
 Habits.3..immersion.in.Auslan
 random.intercept: ID

MODELING MENU

1-choose variables 2-one-level (recommended)
 3-step-up 4-step-down 5-step-up/step-down
 6-trim 7-plotting 8-settings 9-main menu 0-exit
 10-chi-square test
 11-open this model in Shiny Rbrul!
 1: 2

ONE-LEVEL ANALYSIS OF RESPONSE QvsC WITH PREDICTOR(S): ID [random,
 not tested] and Habits.2..social.interaction.with.Deaf.networks
 (0.0236) + Habits1..individual..goal.directed.study (0.0602) +
 Habits.3..immersion.in.Auslan (0.356)

\$Habits1..individual..goal.directed.study
 continuous logodds
 +1 1.283

\$Habits.2..social.interaction.with.Deaf.networks
 continuous logodds
 +1 0.973

\$Habits.3..immersion.in.Auslan
 continuous logodds
 +1 -0.709

\$`ID (random)`

	intercept	tokens	C/C+Q	centered	factor	weight
std dev	0.265	70	0.386			...
...
4775612891	0.052	1	1			0.513
4242718184	0.051	1	1			0.513
4247431326	0.051	1	1			0.513
4706242180	0.047	1	1			0.512
4242720033	0.046	1	1			0.511
4254592340	0.046	1	1			0.511
4775575276	0.046	1	1			0.511
5025941830	0.046	1	1			0.511
4242371167	0.045	1	1			0.511
4247430255	0.045	1	1			0.511
4242720299	0.044	1	1			0.511
4778177261	0.044	1	1			0.511
4254613140	0.043	1	1			0.511
4242371052	0.042	1	1			0.51
4775606139	0.042	1	1			0.51
4247430367	0.039	1	1			0.51
4242369354	0.036	1	1			0.509
4254607882	0.033	1	1			0.508
4778204601	0.032	1	1			0.508
4242718978	0.031	1	1			0.508
4242721465	0.027	1	1			0.507

4242724527	0.026	1	1	0.506
4242715744	0.022	1	1	0.505
4242717108	0.022	1	1	0.505
4775570647	0.018	1	1	0.504
4242714271	0.014	1	1	0.503
4247424110	0.011	1	1	0.503
4254586057	-0.009	1	0	0.498
4242371723	-0.01	1	0	0.497
4242371919	-0.011	1	0	0.497
4247487082	-0.012	1	0	0.497
4254620371	-0.012	1	0	0.497
4775560322	-0.012	1	0	0.497
4778494513	-0.012	1	0	0.497
4242371778	-0.013	1	0	0.497
4775600090	-0.013	1	0	0.497
4242717872	-0.014	1	0	0.496
4242371490	-0.015	1	0	0.496
4775632940	-0.015	1	0	0.496
4778547210	-0.015	1	0	0.496
4242379492	-0.016	1	0	0.496
4254599722	-0.016	1	0	0.496
4247424858	-0.017	1	0	0.496
4242717248	-0.018	1	0	0.495
4247433234	-0.019	1	0	0.495
4254627203	-0.019	1	0	0.495
4242370907	-0.02	1	0	0.495
4242716533	-0.02	1	0	0.495
4247423912	-0.02	1	0	0.495
4846331155	-0.02	1	0	0.495
4778516160	-0.021	1	0	0.495
4242369586	-0.022	1	0	0.494
4242369437	-0.023	1	0	0.494
4247425542	-0.024	1	0	0.494
4254631994	-0.024	1	0	0.494
4778184165	-0.024	1	0	0.494
4775579908	-0.025	1	0	0.494
4247424837	-0.026	1	0	0.493
4242717128	-0.027	1	0	0.493
4242719426	-0.027	1	0	0.493
4249898917	-0.027	1	0	0.493
4778571502	-0.027	1	0	0.493
4254571805	-0.03	1	0	0.492
4242370216	-0.034	1	0	0.491
4242715752	-0.039	1	0	0.49
4778190411	-0.042	1	0	0.489
4247944869	-0.046	1	0	0.488
4242713562	-0.049	1	0	0.488
4242718447	-0.05	1	0	0.487
4775553440	-0.058	1	0	0.485

\$misc.1

n	df	intercept	overall	proportion
70	5	-3.603		0.386

```

$misc.2
  log.likelihood    AIC    AICc Dxy.fixed Dxy.total R2.fixed R2.random
R2.total
      -41.983 93.967 94.904          0      0.521    0.167    0.018
0.185

```

```

Current variables are:
response.binary: QvsC (C vs. Q)
fixed.continuous: Habits1..individual..goal.directed.study
Habits.2..social.interaction.with.Deaf.networks
Habits.3..immersion.in.Auslan
random.intercept: ID

```

MODELING MENU

```

1-choose variables 2-one-level (recommended)
3-step-up 4-step-down 5-step-up/step-down
6-trim 7-plotting 8-settings 9-main menu 0-exit
10-chi-square test
11-open this model in Shiny Rbrul!
1: 1
Choose response (dependent variable) by number, or Enter to keep
QvsC (1-ID 2-Gender 3-EdLvl 4-Motivation 5-ProUseIntent 6-FLLXP 7-
HomeLOTE 8-HABITS.MEAN 9-FLE.MEAN 10-FLCA.MEAN 11-SILL.TOTAL.MEAN
12-Habits1..individual..goal.directed.study 13-
Habits.2..social.interaction.with.Deaf.networks 14-
Habits.3..immersion.in.Auslan 15-Motiv1..DeafRel 16-Motiv2..ProUse
17-Motiv3..Interest 18-QvsC)
1: 13
Type of response? (1-continuous Enter-binary)
1: 1
Choose predictors (independent variables) by number (1-ID 2-Gender
3-EdLvl 4-Motivation 5-ProUseIntent 6-FLLXP 7-HomeLOTE 8-HABITS.MEAN
9-FLE.MEAN 10-FLCA.MEAN 11-SILL.TOTAL.MEAN 12-
Habits1..individual..goal.directed.study 14-
Habits.3..immersion.in.Auslan 15-Motiv1..DeafRel 16-Motiv2..ProUse
17-Motiv3..Interest 18-QvsC)
1: 18
2:
Are any predictors continuous? (18-QvsC Enter-none)
1:
Any random intercepts? (18-QvsC Enter-none)
1:

```

```

Current variables are:
response.continuous: Habits.2..social.interaction.with.Deaf.networks
fixed.factor: QvsC

```

MODELING MENU

```

1-choose variables 2-one-level (recommended)
3-step-up 4-step-down 5-step-up/step-down
6-trim 7-plotting 8-settings 9-main menu 0-exit
10-chi-square test
11-open this model in Shiny Rbrul!

```


1: 2

ONE-LEVEL ANALYSIS OF RESPONSE

Habits.2..social.interaction.with.Deaf.networks WITH PREDICTOR(S):
QvsC (0.0138)

\$QvsC

factor	coef	tokens	mean
C	0.189	27	2.015
Q	-0.189	43	1.637

\$misc.1

n	df	intercept	overall	mean
70	3	1.826		1.783

\$misc.2

log.likelihood	AIC	AICc	R2
-64.816	135.631	135.995	0.082

Current variables are:

response.continuous: Habits.2..social.interaction.with.Deaf.networks

fixed.factor: QvsC

MODELING MENU

1-choose variables 2-one-level (recommended)

3-step-up 4-step-down 5-step-up/step-down

6-trim 7-plotting 8-settings 9-main menu 0-exit

10-chi-square test

11-open this model in Shiny Rbrul!

2024-11-07 13:27:53.974 R[73364:1422749] +[CATransaction
synchronize] called within transaction

2024-11-07 13:27:54.365 R[73364:1422749] +[CATransaction
synchronize] called within transaction

1: