

**Understanding Moral Dumbfounding: Cognitive Load Increases the Likelihood  
of Moral Dumbfounding**

Blinded<sup>1</sup>, Blinded<sup>2</sup>, Blinded<sup>1</sup>, and & Blinded<sup>1</sup>

<sup>1</sup> Blinded

<sup>2</sup> Blinded

## **Abstract**

Six studies etc.

*Keywords:* keywords

Word count: TBC

## Understanding Moral Dumbfounding: Cognitive Load Increases the Likelihood of Moral Dumbfounding

### Contents

#### Combined Analyses 4

## Warning: package 'car' was built under R version 4.1.2

## Warning: package 'afex' was built under R version 4.1.2

## Warning: package 'Matrix' was built under R version 4.1.2

## Warning: package 'tibble' was built under R version 4.1.2

## Warning: package 'metap' was built under R version 4.1.2

## Warning: package 'pwr' was built under R version 4.1.2

## Warning: package 'lsr' was built under R version 4.1.1

## Warning: package 'sjstats' was built under R version 4.1.2

## Warning: package 'DescTools' was built under R version 4.1.2

## Warning: package 'VGAM' was built under R version 4.1.2

## Warning: package 'mlogit' was built under R version 4.1.2

## Warning: package 'dfidx' was built under R version 4.1.2

## Warning: package 'powerMediation' was built under R version 4.1.1

## Combined Analyses

```
## [1] "E:/Home/Dropbox/College/research/Research_general/cog_load/moral_dumbfounding_an
```

```
## Warning in load("../loaded_data/five.RData"): strings not representable in
```

```
## native encoding will be translated to UTF-8
```

```
##                                cog_load control
```

```
## It's wrong and I can provide a valid reason.      83      103
```

```
## It's wrong but I can't think of a reason.         33       22
```

```
## There is nothing wrong.                          49       32
```

```
## It's wrong and I can provide a valid reason.      75      103
```

```
## It's wrong but I can't think of a reason.         32       22
```

```
## There is nothing wrong.                          49       32
```

```
##      Study      Response      N      percent N      percent
```

```
## [1,] "Study 1*" "Reasons"      "12"    "36%"    "21"    "64%"
```

```
## [2,] " "       "Dumbfounded"  "6"     "18%"    "7"     "21%"
```

```
## [3,] " "       "Nothing wrong" "15"    "45%"    "5"     "15%"
```

```
## [4,] "Study 2" "Reasons"      "25"    "49%"    "25"    "51%"
```

```
## [5,] " "       "Dumbfounded"  "15"    "29%"    "11"    "22%"
```

```
## [6,] " "       "Nothing wrong" "11"    "22%"    "13"    "27%"
```

```
## [7,] "Study 3*" "Reasons"      "54"    "53%"    "41"    "67%"
```

```
## [8,] " "       "Dumbfounded"  "27"    "26%"    "5"     "8%"
```

```
## [9,] " "       "Nothing wrong" "21"    "21%"    "15"    "25%"
```

```
## [10,] "Study 4" "Reasons"      "35"    "55%"    "41"    "65%"
```

```
## [11,] " "       "Dumbfounded"  "10"    "16%"    "10"    "16%"
```

```
## [12,] " "       "Nothing wrong" "19"    "30%"    "12"    "19%"
```

```
## [13,] "Study 5" "Reasons"      "51"    "52%"    "68"    "64%"
```

```
## [14,] " " "Dumbfounded" "25" "26%" "20" "19%"
## [15,] " " "Nothing wrong" "22" "22%" "18" "17%"
## [16,] "Study 6" "Reasons" "458" "55%" "574" "67%"
## [17,] " " "Dumbfounded" "245" "30%" "172" "20%"
## [18,] " " "Nothing wrong" "123" "15%" "114" "13%"
## [19,] "All Studies*" "Reasons" "635" "54%" "770" "66%"
## [20,] " " "Dumbfounded" "328" "28%" "225" "19%"
## [21,] " " "Nothing wrong" "211" "18%" "177" "15%"
```

```
## Warning in '[<-.factor'('*tmp*', ri, value = c(0, 1, 0, 0, 1, 1, 1, 0, 0, :
## invalid factor level, NA generated
```

```
## Warning in '[<-.factor'('*tmp*', ri, value = c(0, 1, 0, 0, 1, 1, 1, 0, 0, :
## invalid factor level, NA generated
```

##	Study	Response	N	percent	N	percent
## [1,]	"Study 1*"	"Reasons"	"12"	"36%"	"21"	"64%"
## [2,]	" "	"Dumbfounded"	"6"	"18%"	"7"	"21%"
## [3,]	" "	"Nothing wrong"	"15"	"45%"	"5"	"15%"
## [4,]	"Study 2 (engaged)*"	"Reasons"	"23"	"41%"	"27"	"61%"
## [5,]	" "	"Dumbfounded"	"20"	"36%"	"6"	"14%"
## [6,]	" "	"Nothing wrong"	"13"	"23%"	"11"	"25%"
## [7,]	"Study 3 (engaged)**"	"Reasons"	"36"	"53%"	"41"	"67%"
## [8,]	" "	"Dumbfounded"	"17"	"25%"	"5"	"8%"
## [9,]	" "	"Nothing wrong"	"15"	"22%"	"15"	"25%"
## [10,]	"Study 4 (engaged)"	"Reasons"	"35"	"55%"	"41"	"65%"
## [11,]	" "	"Dumbfounded"	"10"	"16%"	"10"	"16%"
## [12,]	" "	"Nothing wrong"	"19"	"30%"	"12"	"19%"

```

## [13,] "Study 5"          "Reasons"          "51"  "52%"  "68"  "64%"
## [14,] " "              "Dumbfounded"     "25"  "26%"  "20"  "19%"
## [15,] " "              "Nothing wrong"   "22"  "22%"  "18"  "17%"
## [16,] "Study 6"        "Reasons"          "458" "55%"  "574" "67%"
## [17,] " "              "Dumbfounded"     "245" "30%"  "172" "20%"
## [18,] " "              "Nothing wrong"   "123" "15%"  "114" "13%"
## [19,] "All studies (engaged)**" "Reasons"          "615" "54%"  "772" "66%"
## [20,] " "              "Dumbfounded"     "323" "28%"  "220" "19%"
## [21,] " "              "Nothing wrong"   "207" "18%"  "175" "15%"

## Warning in '[<-.factor'('*tmp*', ri, value = c(0, 1, 0, 0, 1, 1, 1, 0, 0, :
## invalid factor level, NA generated

## Warning in '[<-.factor'('*tmp*', ri, value = c(0, 1, 0, 0, 1, 1, 1, 0, 0, :
## invalid factor level, NA generated

##
## Pearson's Chi-squared test
##
## data:  table(df3$InCS, df3$condition)
## X-squared = 39.784, df = 2, p-value = 2.296e-09

## [1] 2312

```

The combined results for Studies 1-6 are displayed in Figures 1 and 2. When engagement with the memory task was accounted for ( $N = 2312$ ; 1145 experimental, 1167 control), a significant association between cognitive load and responses to the critical slide was found,  $\chi^2(2, N = 2312) = 39.78$ ,  $p < .001$ ,  $V = 0.13$ , the observed power was 1.00. The observed counts, expected counts, and standardised residuals are displayed in Table 1.

```
## chisq = 52.36691 with df = 12 p = 5.337197e-07
```

```
## sumz = 5.373432 p = 3.862593e-08
```

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##

## Call:
## mlogit(formula = InCS ~ 1 | condition + study, data = df3a, reflevel = "It's wrong and I can provide a valid reason.",
##        method = "nr")
##
## Frequencies of alternatives:choice
## It's wrong and I can provide a valid reason.
##                                0.59991
## It's wrong but I can't think of a reason.
##                                0.23486
##                                There is nothing wrong.
##                                0.16522
##
## nr method
## 4 iterations, 0h:0m:1s
##  $g'(-H)^{-1}g = 2.32E-07$ 

```

```
## gradient close to zero
```

```
##
```

```
## Coefficients :
```

##	Estimate	Std. Error
## (Intercept):It's wrong but I can't think of a reason.	-0.635770	0.332882
## (Intercept):There is nothing wrong.	-0.304378	0.290227
## conditioncontrol:It's wrong but I can't think of a reason.	-0.612734	0.102946
## conditioncontrol:There is nothing wrong.	-0.384251	0.116790
## studystudy_2:It's wrong but I can't think of a reason.	0.242857	0.409936
## studystudy_2:There is nothing wrong.	-0.255260	0.378099
## studystudy_3:It's wrong but I can't think of a reason.	-0.344473	0.409660
## studystudy_3:There is nothing wrong.	-0.456566	0.357077
## studystudy_4:It's wrong but I can't think of a reason.	-0.413027	0.415382
## studystudy_4:There is nothing wrong.	-0.402025	0.355785
## studystudy_5:It's wrong but I can't think of a reason.	-0.032891	0.373814
## studystudy_5:There is nothing wrong.	-0.584425	0.338309
## studystudy_6:It's wrong but I can't think of a reason.	0.026737	0.334777
## studystudy_6:There is nothing wrong.	-0.969570	0.293394
##	z-value	Pr(> z )
## (Intercept):It's wrong but I can't think of a reason.	-1.9099	0.0561462
## (Intercept):There is nothing wrong.	-1.0488	0.2942889
## conditioncontrol:It's wrong but I can't think of a reason.	-5.9520	2.649e-09
## conditioncontrol:There is nothing wrong.	-3.2901	0.0010015
## studystudy_2:It's wrong but I can't think of a reason.	0.5924	0.5535640
## studystudy_2:There is nothing wrong.	-0.6751	0.4996038
## studystudy_3:It's wrong but I can't think of a reason.	-0.8409	0.4004172
## studystudy_3:There is nothing wrong.	-1.2786	0.2010301

```

## studystudy_4:It's wrong but I can't think of a reason.      -0.9943 0.3200614
## studystudy_4:There is nothing wrong.                        -1.1300 0.2584911
## studystudy_5:It's wrong but I can't think of a reason.      -0.0880 0.9298871
## studystudy_5:There is nothing wrong.                        -1.7275 0.0840800
## studystudy_6:It's wrong but I can't think of a reason.       0.0799 0.9363440
## studystudy_6:There is nothing wrong.                        -3.3047 0.0009509
##
## (Intercept):It's wrong but I can't think of a reason.       .
## (Intercept):There is nothing wrong.
## conditioncontrol:It's wrong but I can't think of a reason. ***
## conditioncontrol:There is nothing wrong.                    **
## studystudy_2:It's wrong but I can't think of a reason.
## studystudy_2:There is nothing wrong.
## studystudy_3:It's wrong but I can't think of a reason.
## studystudy_3:There is nothing wrong.
## studystudy_4:It's wrong but I can't think of a reason.
## studystudy_4:There is nothing wrong.
## studystudy_5:It's wrong but I can't think of a reason.
## studystudy_5:There is nothing wrong.                        .
## studystudy_6:It's wrong but I can't think of a reason.
## studystudy_6:There is nothing wrong.                        ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Log-Likelihood: -2145.6
## McFadden R^2:  0.017213
## Likelihood ratio test : chisq = 75.159 (p.value = 3.4281e-11)

```

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```
## [1] "It's wrong and I can provide a valid reason."
## [2] "It's wrong but I can't think of a reason."
## [3] "There is nothing wrong."
## [4] "It's wrong and I can provide a valid reason."
## [5] "It's wrong but I can't think of a reason."
## [6] "There is nothing wrong."
## [7] "It's wrong and I can provide a valid reason."
## [8] "It's wrong but I can't think of a reason."
## [9] "There is nothing wrong."
```

```
## [1] -6.1**
```

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## [1] 5.31**
```

```
## [1] 2*
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```
## [1] 6.1**
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```
## [1] -5.31**
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## [1] -2*
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## [1] 2*
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## [1] -6.1**
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## [1] 5.31**
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## [1] 6.1**
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## [1] -5.31**
```

```
## [1] -2*
```

```
##
```

```
##                                cog_load  control
```

```
##  It's wrong and I can provide a valid reason. 686.9010 700.0990
```

```
##  It's wrong but I can't think of a reason.    268.9165 274.0835
```

```
##  There is nothing wrong.                      189.1825 192.8175
```

```
## [1] -6.104767
```

```
##                                cog_load control
```

**Table 1**

*Studies 1-6 – Observed counts, expected counts, and standardised residuals for each response depending on cognitive load*

		Cognitive Load	Control
Observed count	Reasons	615	772
	Dumbfounded	323	220
	Nothing Wrong	207	175
Expected count	Reasons	686.9	700.1
	Dumbfounded	268.92	274.08
	Nothing Wrong	189.18	192.82
Standardised residuals	Reasons	-6.1**	6.1**
	Dumbfounded	5.31**	-5.31**
	Nothing Wrong	2*	-2*

*Note.* \* = sig. at  $p < .05$ ; \*\* = sig. at  $p < .001$

## It's wrong and I can provide a valid reason.	615.00	772.00
## It's wrong but I can't think of a reason.	323.00	220.00
## There is nothing wrong.	207.00	175.00
## It's wrong and I can provide a valid reason.	686.90	700.10
## It's wrong but I can't think of a reason.	268.92	274.08
## There is nothing wrong.	189.18	192.82

A mini meta-analysis was conducted and found that cognitive load significantly influenced responding across all studies  $\chi^2(12) = 52.37$ ,  $p < .001$  (Fisher's method); or when weighting for sample size,  $z = 5.373$ ,  $p < .001$  (Stouffer's Z-score method).

##

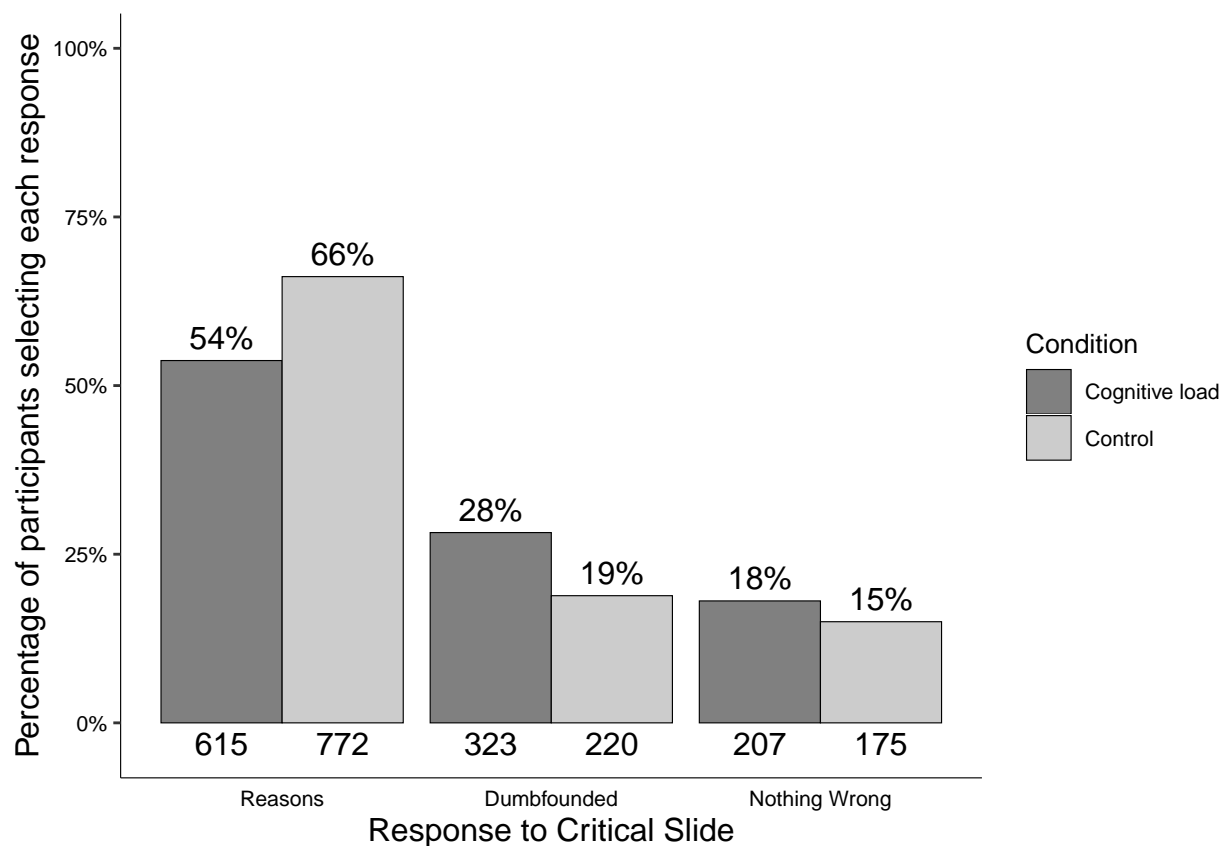
```
## cog_load control
```

```
##      1145      1167
```

```
##
```

```
## cog_load control
```

```
##      1145      1167
```



**Figure 1**

*Studies 1-6: Responses to critical slide for the cognitive load groups (N = 1,145) and the control groups (N = 1,167) controlling for engagement*

```
## Warning in '[<-.factor'('*tmp*', ri, value = c(0, 1, 0, 0, 1, 1, 1, 0, 0, :
## invalid factor level, NA generated
```



```
## Warning in '[<-.factor'('*tmp*', ri, value = c(0, 1, 0, 0, 1, 1, 1, 0, 0, :
## invalid factor level, NA generated
```

```
##                                [,1]      [,2] [,3]      [,4]
## It's wrong and I can provide a valid reason. 12 0.3636364 21 0.63636364
## It's wrong but I can't think of a reason.    6 0.1818182  7 0.21212121
## There is nothing wrong.                      15 0.4545455  5 0.15151515
## It's wrong and I can provide a valid reason. 23 0.4107143 27 0.61363636
## It's wrong but I can't think of a reason.    20 0.3571429  6 0.13636364
## There is nothing wrong.                      13 0.2321429 11 0.25000000
## It's wrong and I can provide a valid reason. 36 0.5294118 41 0.67213115
## It's wrong but I can't think of a reason.    17 0.2500000  5 0.08196721
## There is nothing wrong.                      15 0.2205882 15 0.24590164
## It's wrong and I can provide a valid reason. 35 0.5468750 41 0.65079365
## It's wrong but I can't think of a reason.    10 0.1562500 10 0.15873016
## There is nothing wrong.                      19 0.2968750 12 0.19047619
## It's wrong and I can provide a valid reason. 51 0.5204082 68 0.64150943
## It's wrong but I can't think of a reason.    25 0.2551020 20 0.18867925
## There is nothing wrong.                      22 0.2244898 18 0.16981132
## It's wrong and I can provide a valid reason. 458 0.5544794 574 0.66744186
## It's wrong but I can't think of a reason.    245 0.2966102 172 0.20000000
## There is nothing wrong.                      123 0.1489104 114 0.13255814
## It's wrong and I can provide a valid reason. 615 0.5371179 772 0.66152528
## It's wrong but I can't think of a reason.    323 0.2820961 220 0.18851757
## There is nothing wrong.                      207 0.1807860 175 0.14995716
```

```
##      Study      Response      N      percent      N
## [1,] "1Study 1"      "Reasons"    "12"    "0.36363636363636364" "21"
```

```

## [2,] "1Study 1"          "Dumbfounded"  "6"  "0.181818181818182" "7"
## [3,] "1Study 1"          "Nothing wrong" "15" "0.454545454545455" "5"
## [4,] "2Study 2"          "Reasons"       "23" "0.410714285714286" "27"
## [5,] "2Study 2"          "Dumbfounded"   "20" "0.357142857142857" "6"
## [6,] "2Study 2"          "Nothing wrong" "13" "0.232142857142857" "11"
## [7,] "3Study 3"          "Reasons"       "36" "0.529411764705882" "41"
## [8,] "3Study 3"          "Dumbfounded"   "17" "0.25"              "5"
## [9,] "3Study 3"          "Nothing wrong" "15" "0.220588235294118" "15"
## [10,] "4Study 4"         "Reasons"       "35" "0.546875"          "41"
## [11,] "4Study 4"         "Dumbfounded"   "10" "0.15625"           "10"
## [12,] "4Study 4"         "Nothing wrong" "19" "0.296875"          "12"
## [13,] "5Study 5"         "Reasons"       "51" "0.520408163265306" "68"
## [14,] "5Study 5"         "Dumbfounded"   "25" "0.255102040816327" "20"
## [15,] "5Study 5"         "Nothing wrong" "22" "0.224489795918367" "18"
## [16,] "6Study 6"         "Reasons"       "458" "0.554479418886199" "574"
## [17,] "6Study 6"         "Dumbfounded"   "245" "0.296610169491525" "172"
## [18,] "6Study 6"         "Nothing wrong" "123" "0.148910411622276" "114"
## [19,] "7All studies engaged 1" "Reasons"       "615" "0.537117903930131" "772"
## [20,] "7All studies engaged 1" "Dumbfounded"   "323" "0.282096069868996" "220"
## [21,] "7All studies engaged 1" "Nothing wrong" "207" "0.180786026200873" "175"
##      percent
## [1,] "0.636363636363636"
## [2,] "0.212121212121212"
## [3,] "0.151515151515152"
## [4,] "0.613636363636364"
## [5,] "0.136363636363636"
## [6,] "0.25"

```

```
## [7,] "0.672131147540984"
## [8,] "0.0819672131147541"
## [9,] "0.245901639344262"
## [10,] "0.650793650793651"
## [11,] "0.158730158730159"
## [12,] "0.19047619047619"
## [13,] "0.641509433962264"
## [14,] "0.188679245283019"
## [15,] "0.169811320754717"
## [16,] "0.667441860465116"
## [17,] "0.2"
## [18,] "0.132558139534884"
## [19,] "0.661525278491859"
## [20,] "0.188517566409597"
## [21,] "0.149957155098543"
```

```
## $N
```

```
## [1] "12" "23" "36" "35" "51" "458" "615"
```

```
##
```

```
## $N
```

```
## [1] "21" "27" "41" "41" "68" "574" "772"
```

```
## [1] "cog_load" "cog_load" "cog_load" "cog_load" "cog_load" "cog_load"
```

```
## [7] "cog_load" "control" "control" "control" "control" "control"
```

```
## [13] "control" "control"
```

```
## Study Response N percent condition
```

```
## 1 1Study 1 Reasons 12 0.3636364 cog_load
```

```
## 4          2Study 2  Reasons  23 0.4107143  cog_load
## 7          3Study 3  Reasons  36 0.5294118  cog_load
## 10         4Study 4  Reasons  35 0.5468750  cog_load
## 13         5Study 5  Reasons  51 0.5204082  cog_load
## 16         6Study 6  Reasons 458 0.5544794  cog_load
## 19 7All studies engaged 1  Reasons 615 0.5371179  cog_load
## 11         1Study 1  Reasons  21 0.6363636  control
## 41         2Study 2  Reasons  27 0.6136364  control
## 71         3Study 3  Reasons  41 0.6721311  control
## 101        4Study 4  Reasons  41 0.6507937  control
## 131        5Study 5  Reasons  68 0.6415094  control
## 161        6Study 6  Reasons 574 0.6674419  control
## 191 7All studies engaged 1  Reasons 772 0.6615253  control
```

```
## [1] 2002
```

```
## Warning in '[<-.factor'('*tmp*', ri, value = c(0, 1, 0, 0, 1, 1, 1, 0, 0, :
## invalid factor level, NA generated
```

```
## Warning in '[<-.factor'('*tmp*', ri, value = c(0, 1, 0, 0, 1, 1, 1, 0, 0, :
## invalid factor level, NA generated
```

```
##          [,1]      [,2] [,3]      [,4]
## It's wrong and I can provide a valid reason. 12 0.3636364  21 0.63636364
## It's wrong but I can't think of a reason.    6 0.1818182   7 0.21212121
## There is nothing wrong.                      15 0.4545455   5 0.15151515
## It's wrong and I can provide a valid reason. 23 0.4107143  27 0.61363636
## It's wrong but I can't think of a reason.    20 0.3571429   6 0.13636364
```

## There is nothing wrong.	13	0.2321429	11	0.25000000
## It's wrong and I can provide a valid reason.	36	0.5294118	41	0.67213115
## It's wrong but I can't think of a reason.	17	0.2500000	5	0.08196721
## There is nothing wrong.	15	0.2205882	15	0.24590164
## It's wrong and I can provide a valid reason.	35	0.5468750	41	0.65079365
## It's wrong but I can't think of a reason.	10	0.1562500	10	0.15873016
## There is nothing wrong.	19	0.2968750	12	0.19047619
## It's wrong and I can provide a valid reason.	51	0.5204082	68	0.64150943
## It's wrong but I can't think of a reason.	25	0.2551020	20	0.18867925
## There is nothing wrong.	22	0.2244898	18	0.16981132
## It's wrong and I can provide a valid reason.	458	0.5544794	574	0.66744186
## It's wrong but I can't think of a reason.	245	0.2966102	172	0.20000000
## There is nothing wrong.	123	0.1489104	114	0.13255814
## It's wrong and I can provide a valid reason.	615	0.5371179	772	0.66152528
## It's wrong but I can't think of a reason.	323	0.2820961	220	0.18851757
## There is nothing wrong.	207	0.1807860	175	0.14995716
## It's wrong and I can provide a valid reason.	607	0.5343310	772	0.66152528
## It's wrong but I can't think of a reason.	322	0.2834507	220	0.18851757
## There is nothing wrong.	207	0.1822183	175	0.14995716

##	Study	Response	N	percent	N
##	[1,] "1Study 1"	"Nothing wrong"	"12"	"0.363636363636364"	"21"
##	[2,] "1Study 1"	"Dumbfounded"	"6"	"0.181818181818182"	"7"
##	[3,] "1Study 1"	"Reasons"	"15"	"0.454545454545455"	"5"
##	[4,] "2Study 2"	"Nothing wrong"	"23"	"0.410714285714286"	"27"
##	[5,] "2Study 2"	"Dumbfounded"	"20"	"0.357142857142857"	"6"
##	[6,] "2Study 2"	"Reasons"	"13"	"0.232142857142857"	"11"
##	[7,] "3Study 3"	"Nothing wrong"	"36"	"0.529411764705882"	"41"

##	[8,]	"3Study 3"	"Dumbfounded"	"17"	"0.25"	"5"
##	[9,]	"3Study 3"	"Reasons"	"15"	"0.220588235294118"	"15"
##	[10,]	"4Study 4"	"Nothing wrong"	"35"	"0.546875"	"41"
##	[11,]	"4Study 4"	"Dumbfounded"	"10"	"0.15625"	"10"
##	[12,]	"4Study 4"	"Reasons"	"19"	"0.296875"	"12"
##	[13,]	"5Study 5"	"Nothing wrong"	"51"	"0.520408163265306"	"68"
##	[14,]	"5Study 5"	"Dumbfounded"	"25"	"0.255102040816327"	"20"
##	[15,]	"5Study 5"	"Reasons"	"22"	"0.224489795918367"	"18"
##	[16,]	"6Study 6"	"Nothing wrong"	"458"	"0.554479418886199"	"574"
##	[17,]	"6Study 6"	"Dumbfounded"	"245"	"0.296610169491525"	"172"
##	[18,]	"6Study 6"	"Reasons"	"123"	"0.148910411622276"	"114"
##	[19,]	"7All studies engaged 1"	"Nothing wrong"	"615"	"0.537117903930131"	"772"
##	[20,]	"7All studies engaged 1"	"Dumbfounded"	"323"	"0.282096069868996"	"220"
##	[21,]	"7All studies engaged 1"	"Reasons"	"207"	"0.180786026200873"	"175"
##	[22,]	"8All studies engaged 2"	"Nothing wrong"	"607"	"0.534330985915493"	"772"
##	[23,]	"8All studies engaged 2"	"Dumbfounded"	"322"	"0.283450704225352"	"220"
##	[24,]	"8All studies engaged 2"	"Reasons"	"207"	"0.182218309859155"	"175"
##		percent				
##	[1,]	"0.636363636363636"				
##	[2,]	"0.212121212121212"				
##	[3,]	"0.151515151515152"				
##	[4,]	"0.613636363636364"				
##	[5,]	"0.136363636363636"				
##	[6,]	"0.25"				
##	[7,]	"0.672131147540984"				
##	[8,]	"0.0819672131147541"				
##	[9,]	"0.245901639344262"				

```

## [10,] "0.650793650793651"
## [11,] "0.158730158730159"
## [12,] "0.19047619047619"
## [13,] "0.641509433962264"
## [14,] "0.188679245283019"
## [15,] "0.169811320754717"
## [16,] "0.667441860465116"
## [17,] "0.2"
## [18,] "0.132558139534884"
## [19,] "0.661525278491859"
## [20,] "0.188517566409597"
## [21,] "0.149957155098543"
## [22,] "0.661525278491859"
## [23,] "0.188517566409597"
## [24,] "0.149957155098543"

## $N
## [1] "6"   "20"  "17"  "10"  "25"  "245" "323" "322"
##
## $N
## [1] "7"   "6"   "5"   "10"  "20"  "172" "220" "220"

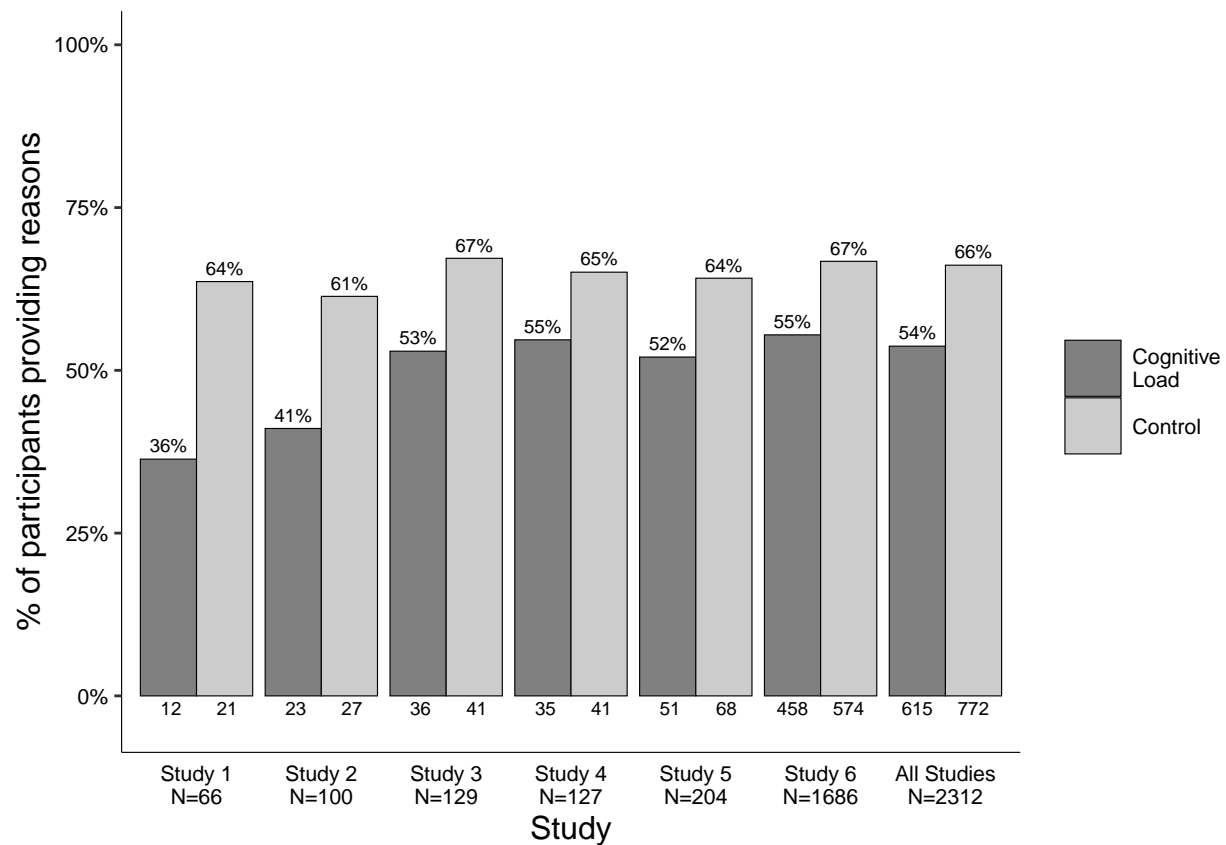
## [1] "cog_load" "cog_load" "cog_load" "cog_load" "cog_load" "cog_load"
## [7] "cog_load" "control"   "control"   "control"   "control"   "control"
## [13] "control"   "control"

##
##           Study   Response   N   percent condition
## 2           1Study 1 Dumbfounded 6 0.18181818 cog_load

```

## 5	2Study 2 Dumbfounded	20	0.35714286	cog_load
## 8	3Study 3 Dumbfounded	17	0.25000000	cog_load
## 11	4Study 4 Dumbfounded	10	0.15625000	cog_load
## 14	5Study 5 Dumbfounded	25	0.25510204	cog_load
## 17	6Study 6 Dumbfounded	245	0.29661017	cog_load
## 20	7All studies engaged 1 Dumbfounded	323	0.28209607	cog_load
## 23	8All studies engaged 2 Dumbfounded	322	0.28345070	cog_load
## 21	1Study 1 Dumbfounded	7	0.21212121	control
## 51	2Study 2 Dumbfounded	6	0.13636364	control
## 81	3Study 3 Dumbfounded	5	0.08196721	control
## 111	4Study 4 Dumbfounded	10	0.15873016	control
## 141	5Study 5 Dumbfounded	20	0.18867925	control
## 171	6Study 6 Dumbfounded	172	0.20000000	control
## 201	7All studies engaged 1 Dumbfounded	220	0.18851757	control
## 231	8All studies engaged 2 Dumbfounded	220	0.18851757	control





**Figure 2**

*Rates of declaring reasons and cognitive load across each study*

```
## Warning in '[<-.factor'('*tmp*', ri, value = c(0, 1, 0, 0, 1, 1, 1, 0, 0, :
```

```
## invalid factor level, NA generated
```

```
## Warning in '[<-.factor'('*tmp*', ri, value = c(0, 1, 0, 0, 1, 1, 1, 0, 0, :
```

```
## invalid factor level, NA generated
```

```
## df
```

```
## 2
```

```
## 'log Lik.' 12.15313 (df=4)
```

```
## 'log Lik.' 0.002296056 (df=4)
```

```
## NFC:It's wrong but I can't think of a reason.
##                                     -0.2378214

## NFC:There is nothing wrong.
##                                     1.486812e-05

## # weights:  9 (4 variable)
## initial  value 718.492437
## iter   10 value 638.984294
## iter   10 value 638.984294
## final   value 638.984294
## converged

## Warning in PseudoR2(multinom(InCS ~ NFC, df3), "all"): Could not find model or
## data element of multinom object for evaluating PseudoR2 null model. Will fit
## null model with new evaluation of 'df3'. Ensure object has not changed since
## initial call, or try running multinom with 'model = TRUE'

##   CoxSnell
## 0.01841117

## Nagelkerke
## 0.0213856

##
## Call:
## mlogit(formula = InCS ~ 1 | NFC, data = df3a, reflevel = "It's wrong and I can provid
##       method = "nr")
##
```

```

## Frequencies of alternatives:choice
## It's wrong and I can provide a valid reason.
##                                0.56422
##   It's wrong but I can't think of a reason.
##                                0.20642
##                                There is nothing wrong.
##                                0.22936
##
## nr method
## 4 iterations, 0h:0m:0s
## g'(-H)^-1g = 0.00426
## successive function values within tolerance limits
##
## Coefficients :
##                                Estimate Std. Error
## (Intercept):It's wrong but I can't think of a reason. -8.9657e-01 1.0490e-01
## (Intercept):There is nothing wrong.                    -9.0016e-01 1.0826e-01
## NFC:It's wrong but I can't think of a reason.          -2.3782e-01 7.1683e-02
## NFC:There is nothing wrong.                            1.4868e-05 6.9811e-02
##                                z-value Pr(>|z|)
## (Intercept):It's wrong but I can't think of a reason. -8.5466 < 2.2e-16 ***
## (Intercept):There is nothing wrong.                    -8.3151 < 2.2e-16 ***
## NFC:It's wrong but I can't think of a reason.          -3.3177 0.0009076 ***
## NFC:There is nothing wrong.                            0.0002 0.9998301
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##

```

```

## Log-Likelihood: -638.98
## McFadden R^2: 0.0094201
## Likelihood ratio test : chisq = 12.153 (p.value = 0.0022961)

##
## Call:
## mlogit(formula = InCS ~ 1 | NFC, data = df3a, reflevel = "It's wrong and I can provid
##      method = "nr")
##
## Frequencies of alternatives:choice
## It's wrong and I can provide a valid reason.
##                                0.56422
##      It's wrong but I can't think of a reason.
##                                0.20642
##                                There is nothing wrong.
##                                0.22936
##
## nr method
## 4 iterations, 0h:0m:0s
## g'(-H)^-1g = 0.00426
## successive function values within tolerance limits
##
## Coefficients :
##
##                                Estimate Std. Error
## (Intercept):It's wrong but I can't think of a reason. -8.9657e-01 1.0490e-01
## (Intercept):There is nothing wrong.                    -9.0016e-01 1.0826e-01
## NFC:It's wrong but I can't think of a reason.          -2.3782e-01 7.1683e-02
## NFC:There is nothing wrong.                             1.4868e-05 6.9811e-02

```

```

##                                     z-value  Pr(>|z|)
## (Intercept):It's wrong but I can't think of a reason. -8.5466 < 2.2e-16 ***
## (Intercept):There is nothing wrong.                    -8.3151 < 2.2e-16 ***
## NFC:It's wrong but I can't think of a reason.          -3.3177 0.0009076 ***
## NFC:There is nothing wrong.                            0.0002 0.9998301
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Log-Likelihood: -638.98
## McFadden R^2:  0.0094201
## Likelihood ratio test : chisq = 12.153 (p.value = 0.0022961)

## NFC:It's wrong but I can't think of a reason.
##                                     -0.2378214

##                                     exp.InCSModel.coefficients.
## (Intercept):It's wrong but I can't think of a reason.      0.4079680
## (Intercept):There is nothing wrong.                        0.4065036
## NFC:It's wrong but I can't think of a reason.              0.7883435
## NFC:There is nothing wrong.                                1.0000149

## NFC:It's wrong but I can't think of a reason.
##                                     0.7883435

## [1] 0.6850133 0.9072605

## [1] 0.7597573 0.7556197 0.7647708 0.7759668 0.7779854 0.7821524 0.7671233
## [8] 0.7636234 0.7586951 0.7665280 0.7807443 0.7683285 0.7814460 0.7613858
## [15] 0.7956631 0.8036766 0.5967820 0.7930438 0.8036766 0.7705195 0.7438183

```

## [22] 0.3916712 0.4227666 0.4213379 0.4171225 0.4185158 0.4555184 0.4361592  
## [29] 0.4521728 0.4330997 0.4213379 0.4377069 0.4440169 0.7677235 0.7786679  
## [36] 0.7917625 0.7630569 0.7551232 0.7562026 0.7751585 0.7886732 0.7463278  
## [43] 0.7310286 0.7797305 0.8118816 0.4116659 0.4392665 0.4171225 0.4440169  
## [50] 0.4227666 0.4765776 0.5111974 0.4456243 0.4300880 0.4711561 0.4256596  
## [57] 0.4424215 0.4300880 0.4103309 0.3795549 0.4572090 0.4456243 0.4589113  
## [64] 0.5032059 0.4521728 0.4256596 0.8098554 0.7597573 0.7517734 0.7561208  
## [71] 0.7610413 0.7786679 0.7630569 0.7814460 0.7522386 0.4623514 0.4300880  
## [78] 0.4658383 0.7681749 0.7879738 0.7705195 0.4505178 0.4213379 0.5132205  
## [85] 0.7728473 0.8455488 0.7453091 0.5756935 0.7952039 0.6643519 0.7015124  
## [92] 0.7566264 0.8138913 0.7886732 0.7205110 0.7751585 0.7759668 0.8892663  
## [99] 0.7610413 0.3806038 0.4377069 0.4199210 0.5172964 0.4538397 0.4377069  
## [106] 0.4051060 0.3849034 0.4213379 0.4300880 0.5234825 0.4456243 0.4538397  
## [113] 0.4051060 0.4424215 0.4424215 0.4440169 0.4896237 0.7527082 0.7527082  
## [120] 0.8097051 0.7495128 0.7766348 0.7814460 0.7586951 0.7930438 0.7819913  
## [127] 0.4488747 0.4063950 0.4000638 0.5152536 0.7996718 0.7482079 0.4505178  
## [134] 0.4076954 0.4640890 0.5132205 0.7566264 0.7714262 0.7636234 0.7786679  
## [141] 0.8635913 0.7728473 0.8118816 0.8696984 0.8057529 0.7284227 0.5711084  
## [148] 0.8367230 0.8489683 0.4227666 0.4076954 0.4555184 0.3705699 0.3849034  
## [155] 0.4472435 0.4103309 0.3816631 0.5600219 0.3928371 0.3785163 0.3976104  
## [162] 0.4090074 0.3882390 0.4157408 0.4346235 0.4555184 0.7759668 0.7551232  
## [169] 0.7753036 0.8184643 0.7597573 0.7541437 0.7592238 0.7473590 0.7473590  
## [176] 0.7536608 0.8403011 0.4472435 0.4227666 0.7586951 0.7705195 0.8349099  
## [183] 0.7908669 0.4330997 0.4440169 0.8046185 0.7759668 0.8118816 0.8666744  
## [190] 0.7488211 0.7015124 0.6817928 0.3838128 0.4227666 0.3905163 0.4130125  
## [197] 0.4802490 0.4185158 0.4199210 0.3606514 0.4346235 0.4488747 0.3964005  
## [204] 0.4361592 0.5012337 0.4199210 0.3905163 0.4747590 0.7739917 0.7728473

## [211] 0.8620274 0.7774529 0.7658137 0.7449113 0.7610413 0.8556206 0.7759668  
## [218] 0.7746452 0.7952039 0.3827327 0.3988315 0.4013074 0.3928371 0.8015835  
## [225] 0.7597573 0.7807443 0.7681749 0.7819913 0.7766348 0.3964005 0.4440169  
## [232] 0.7819913 0.8918418 0.8057529 0.8330807 0.7634358 0.8217641 0.7930438  
## [239] 0.3606514 0.4130125 0.4143708 0.4488747 0.4330997 0.4130125 0.4346235  
## [246] 0.4242072 0.3871165 0.3606514 0.5711844 0.4377069 0.4103309 0.4143708  
## [253] 0.3860046 0.4185158 0.3882390 0.5382379 0.4063950 0.5711844 0.3754614  
## [260] 0.3785163 0.3795549 0.4361592 0.3754614 0.4658383 0.4157408 0.4505178  
## [267] 0.8004861 0.7619381 0.7733431 0.7948742 0.7779854 0.7746452 0.7482079  
## [274] 0.7597573 0.7400941 0.7504040 0.7746452 0.8420662 0.4025622 0.4361592  
## [281] 0.4505178 0.3686817 0.7779854 0.6789195 0.7310286 0.4013074 0.3806038  
## [288] 0.3734752 0.7714262 0.7536608 0.7753036 0.7705195 0.7562026 0.3893723  
## [295] 0.3659211 0.3615068 0.4572090 0.3724969 0.4063950 0.4488747 0.4090074  
## [302] 0.4300880 0.4242072 0.3916712 0.4606255 0.4185158 0.4256596 0.4472435  
## [309] 0.4330997 0.4330997 0.4025622 0.5403806 0.5939467 0.3696209 0.3952016  
## [316] 0.4256596 0.4424215 0.3650197 0.4063950 0.3849034 0.4424215 0.4821016  
## [323] 0.4130125 0.4013074 0.5939467 0.4271238 0.7613858 0.7759668 0.7536608  
## [330] 0.7602954 0.7800474 0.7641947 0.7586951 0.7908669 0.4472435 0.7800474  
## [337] 0.7695530 0.7726993 0.7797305 0.7705195 0.7634358 0.4116659 0.4143708  
## [344] 0.6959500 0.8651403 0.4143708 0.4472435 0.3686817 0.4361592 0.5425317  
## [351] 0.3964005 0.3816631 0.3976104 0.5091843 0.5234825 0.4877265 0.3976104  
## [358] 0.5012337 0.3928371 0.4300880 0.4315879 0.4839654 0.3905163 0.3928371  
## [365] 0.7457109 0.7465267 0.7486386 0.7477813 0.7531823 0.7701726 0.7835796  
## [372] 0.7728473 0.7751585 0.4424215 0.8062990 0.7909957 0.8293737 0.7842354  
## [379] 0.3744633 0.3827327 0.3816631 0.4424215 0.4213379 0.3882390 0.4538397  
## [386] 0.4821016 0.3860046 0.5361036 0.4521728 0.7665280 0.7499562 0.7665280  
## [393] 0.7556197 0.8229607 0.7701726 0.7400941 0.7586951 0.7759668 0.8588544

## [400] 0.7797305 0.3774879 0.4285999 0.4038284 0.4472435 0.4521728 0.8131687  
## [407] 0.4424215 0.7659374 0.8506547 0.4300880 0.4090074 0.7779854 0.7097454  
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## [421] 0.4171225 0.4199210 0.4130125 0.4572090 0.4589113 0.4025622 0.4227666  
## [428] 0.4802490 0.4953804 0.5012337 0.4658383 0.4130125 0.4285999 0.4992720  
## [435] 0.3988315 0.4623514 0.3976104 0.4821016 0.4157408 0.4227666 0.3905163  
## [442] 0.4285999 0.4271238 0.3715285 0.5756935 0.3641277 0.3871165 0.4227666  
## [449] 0.4330997 0.4877265 0.7800474 0.3976104 0.7683285 0.4242072 0.4572090  
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## [477] 0.7634358 0.4392665 0.5193489 0.7636234 0.4300880 0.4199210 0.7681749  
## [484] 0.7231639 0.4300880 0.4915317 0.4472435 0.4171225 0.7728473 0.4377069  
## [491] 0.7886732 0.4472435 0.4185158 0.4424215 0.4256596 0.7908669 0.4377069  
## [498] 0.7753036 0.7774529 0.7973472 0.7689383 0.4361592 0.4675993 0.7387506  
## [505] 0.7759668 0.4256596 0.7994738 0.7746452 0.4116659 0.7886732 0.7909957  
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## [519] 0.4213379 0.4640890 0.7412925 0.7786679 0.4711561 0.7797305 0.7205110  
## [526] 0.6987385 0.8138913 0.4315879 0.4456243 0.7879738 0.4103309 0.4346235  
## [533] 0.7864627 0.7751585 0.4271238 0.4090074 0.3724969 0.7779854 0.4013074  
## [540] 0.4472435 0.5490333 0.4213379 0.7512980 0.7517734 0.7665280 0.3893723  
## [547] 0.8274959 0.7610413 0.8138913 0.8256017 0.4440169 0.4242072 0.7786679  
## [554] 0.8178608 0.4640890 0.4606255 0.4472435 0.4242072 0.7843003 0.7973472  
## [561] 0.4765776 0.4456243 0.7746452 0.4256596 0.4013074 0.4185158 0.7739917  
## [568] 0.4377069 0.7613858 0.4408380 0.7925338 0.7902334 0.4361592 0.3871165  
## [575] 0.8236911 0.7681749 0.4472435 0.4440169 0.7641947 0.4013074 0.7482079  
## [582] 0.4213379 0.7707970 0.4315879 0.4116659 0.3976104 0.4025622 0.4472435



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## [589] 0.4103309 0.8118816 0.8138913 0.7707970 0.4555184 0.4242072 0.3976104
## [596] 0.7779854 0.4242072 0.7658137 0.4256596 0.3615068 0.4488747 0.4589113
## [603] 0.7681749 0.3964005 0.8078125 0.7766348 0.4747590 0.4199210 0.4408380
## [610] 0.4456243 0.7310286 0.4076954 0.4330997 0.4199210 0.8015835 0.4623514
## [617] 0.4300880 0.7284227 0.4839654 0.4623514 0.4456243 0.4213379 0.4315879
## [624] 0.7733431 0.4076954 0.4711561 0.7495128 0.4488747 0.7630569 0.8178608
## [631] 0.4472435 0.5234825 0.6903296 0.3928371 0.4589113 0.4456243 0.8385201
## [638] 0.4896237 0.4315879 0.7766348 0.7797305 0.4488747 0.7773077 0.4623514
## [645] 0.4488747 0.4456243 0.7774529 0.4521728 0.4330997 0.4377069 0.4589113
## [652] 0.3882390 0.7438183 0.4623514
```

```
##      It's wrong and I can provide a valid reason.
```

```
## 1      0.5909926
## 2      0.6011685
## 3      0.5786621
## 4      0.5511253
## 5      0.5461603
## 6      0.5359110
## 7      0.5728762
## 8      0.5814842
## 9      0.5936050
## 10     0.5743404
## 11     0.5393745
## 12     0.5699120
## 13     0.5376486
## 14     0.5869875
## 15     0.5026791
## 16     0.5714001
```

## 17	0.4243065
## 18	0.5638408
## 19	0.5714001
## 20	0.5478272
## 21	0.5288439
## 22	0.6083288
## 23	0.5772334
## 24	0.5786621
## 25	0.5828775
## 26	0.5814842
## 27	0.5444816
## 28	0.5638408
## 29	0.5478272
## 30	0.5669003
## 31	0.5786621
## 32	0.5622931
## 33	0.5559831
## 34	0.5714001
## 35	0.5444816
## 36	0.5122735
## 37	0.5828775
## 38	0.6023896
## 39	0.5376486
## 40	0.5511253
## 41	0.5607335
## 42	0.5306281
## 43	0.5197510

## 44	0.5543757
## 45	0.5772334
## 46	0.5883341
## 47	0.5607335
## 48	0.5828775
## 49	0.5559831
## 50	0.5772334
## 51	0.5234224
## 52	0.4888026
## 53	0.5543757
## 54	0.5699120
## 55	0.5288439
## 56	0.5743404
## 57	0.5575785
## 58	0.5699120
## 59	0.5896691
## 60	0.6204451
## 61	0.5427910
## 62	0.5543757
## 63	0.5410887
## 64	0.4967941
## 65	0.5478272
## 66	0.5743404
## 67	0.5757928
## 68	0.5909926
## 69	0.6106277
## 70	0.5999362

## 71	0.5410887
## 72	0.5444816
## 73	0.5828775
## 74	0.5376486
## 75	0.6094837
## 76	0.5376486
## 77	0.5699120
## 78	0.5341617
## 79	0.5461603
## 80	0.5215924
## 81	0.5478272
## 82	0.5494822
## 83	0.5786621
## 84	0.4867795
## 85	0.5494822
## 86	0.6011685
## 87	0.6265248
## 88	0.4243065
## 89	0.5653765
## 90	0.4723465
## 91	0.4987663
## 92	0.5986926
## 93	0.5786621
## 94	0.5607335
## 95	0.5122735
## 96	0.5511253
## 97	0.5511253

## 98	0.6322480
## 99	0.5410887
## 100	0.6193962
## 101	0.5622931
## 102	0.5800790
## 103	0.4827036
## 104	0.5461603
## 105	0.5622931
## 106	0.5948940
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## 109	0.5699120
## 110	0.4765175
## 111	0.5543757
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## 115	0.5575785
## 116	0.5559831
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## 118	0.6083288
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## 120	0.4681392
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## 123	0.5376486
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## 144	0.6183369
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## 201	0.6393486
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## 205	0.5638408
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## 208	0.6094837
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## 581	0.5856292
## 582	0.5461603
## 583	0.5527565
## 584	0.5559831
## 585	0.5800790
## 586	0.5986926
## 587	0.6193962
## 588	0.5786621
## 589	0.5638408

## 590	0.5684121
## 591	0.5883341
## 592	0.6023896
## 593	0.5974378
## 594	0.5527565
## 595	0.5896691
## 596	0.5772334
## 597	0.5786621
## 598	0.5638408
## 599	0.5444816
## 600	0.5757928
## 601	0.6023896
## 602	0.5461603
## 603	0.5757928
## 604	0.5444816
## 605	0.5743404
## 606	0.6384932
## 607	0.5511253
## 608	0.5410887
## 609	0.5461603
## 610	0.6035995
## 611	0.5743404
## 612	0.5494822
## 613	0.5252410
## 614	0.5800790
## 615	0.5591620
## 616	0.5543757

## 617	0.5197510
## 618	0.5923046
## 619	0.5669003
## 620	0.5800790
## 621	0.5699120
## 622	0.5376486
## 623	0.5699120
## 624	0.5178984
## 625	0.5160346
## 626	0.5376486
## 627	0.5543757
## 628	0.5786621
## 629	0.5684121
## 630	0.5575785
## 631	0.5923046
## 632	0.5288439
## 633	0.6161872
## 634	0.5511253
## 635	0.5828775
## 636	0.5814842
## 637	0.5527565
## 638	0.4765175
## 639	0.4908157
## 640	0.6071629
## 641	0.5410887
## 642	0.5543757
## 643	0.5961716



## 644	0.5103763
## 645	0.5684121
## 646	0.5494822
## 647	0.5543757
## 648	0.5511253
## 649	0.5478272
## 650	0.5376486
## 651	0.5511253
## 652	0.5543757
## 653	0.5527565
## 654	0.5478272
## 655	0.5669003
## 656	0.5622931
## 657	0.5410887
## 658	0.6117610
## 659	0.5288439
## 660	0.5376486

## It's wrong but I can't think of a reason. There is nothing wrong.

## 1	0.1687646	0.2402427
## 2	0.1544512	0.2443803
## 3	0.1861087	0.2352292
## 4	0.2248415	0.2240332
## 5	0.2318251	0.2220146
## 6	0.2462415	0.2178476
## 7	0.1942471	0.2328767
## 8	0.1821392	0.2363766
## 9	0.1650901	0.2413049

## 10	0.1921875	0.2334720
## 11	0.2413698	0.2192557
## 12	0.1984165	0.2316715
## 13	0.2437974	0.2185540
## 14	0.1743983	0.2386142
## 15	0.2929840	0.2043369
## 16	0.1963234	0.2322765
## 17	0.4032180	0.1724755
## 18	0.2069562	0.2292030
## 19	0.1963234	0.2322765
## 20	0.2294805	0.2226923
## 21	0.2561817	0.2149743
## 22	0.1443794	0.2472918
## 23	0.1881184	0.2346483
## 24	0.1861087	0.2352292
## 25	0.1801793	0.2369431
## 26	0.1821392	0.2363766
## 27	0.2341863	0.2213321
## 28	0.2069562	0.2292030
## 29	0.2294805	0.2226923
## 30	0.2026528	0.2304470
## 31	0.1861087	0.2352292
## 32	0.2091331	0.2285738
## 33	0.2180087	0.2260083
## 34	0.1963234	0.2322765
## 35	0.2341863	0.2213321
## 36	0.2794890	0.2082375

## 37	0.1801793	0.2369431
## 38	0.1527336	0.2448768
## 39	0.2437974	0.2185540
## 40	0.2248415	0.2240332
## 41	0.2113268	0.2279397
## 42	0.2536722	0.2156997
## 43	0.2689714	0.2112775
## 44	0.2202695	0.2253548
## 45	0.1881184	0.2346483
## 46	0.1725041	0.2391618
## 47	0.2113268	0.2279397
## 48	0.1801793	0.2369431
## 49	0.2180087	0.2260083
## 50	0.1881184	0.2346483
## 51	0.2638074	0.2127702
## 52	0.3125020	0.1986954
## 53	0.2202695	0.2253548
## 54	0.1984165	0.2316715
## 55	0.2561817	0.2149743
## 56	0.1921875	0.2334720
## 57	0.2157646	0.2266569
## 58	0.1984165	0.2316715
## 59	0.1706263	0.2397046
## 60	0.1273362	0.2522187
## 61	0.2365642	0.2206447
## 62	0.2202695	0.2253548
## 63	0.2389587	0.2199526

## 64	0.3012615	0.2019444
## 65	0.2294805	0.2226923
## 66	0.1921875	0.2334720
## 67	0.1901446	0.2340626
## 68	0.1687646	0.2402427
## 69	0.1411456	0.2482266
## 70	0.1561846	0.2438792
## 71	0.2389587	0.2199526
## 72	0.2341863	0.2213321
## 73	0.1801793	0.2369431
## 74	0.2437974	0.2185540
## 75	0.1427549	0.2477614
## 76	0.2437974	0.2185540
## 77	0.1984165	0.2316715
## 78	0.2487020	0.2171363
## 79	0.2318251	0.2220146
## 80	0.2663815	0.2120262
## 81	0.2294805	0.2226923
## 82	0.2271527	0.2233652
## 83	0.1861087	0.2352292
## 84	0.3153476	0.1978729
## 85	0.2271527	0.2233652
## 86	0.1544512	0.2443803
## 87	0.1187842	0.2546909
## 88	0.4032180	0.1724755
## 89	0.2047961	0.2298274
## 90	0.3356481	0.1920053

## 91	0.2984876	0.2027461
## 92	0.1579338	0.2433736
## 93	0.1861087	0.2352292
## 94	0.2113268	0.2279397
## 95	0.2794890	0.2082375
## 96	0.2248415	0.2240332
## 97	0.2248415	0.2240332
## 98	0.1107337	0.2570183
## 99	0.2389587	0.2199526
## 100	0.1288117	0.2517921
## 101	0.2091331	0.2285738
## 102	0.1841157	0.2358053
## 103	0.3210805	0.1962159
## 104	0.2318251	0.2220146
## 105	0.2091331	0.2285738
## 106	0.1632770	0.2418290
## 107	0.1348597	0.2500438
## 108	0.1861087	0.2352292
## 109	0.1984165	0.2316715
## 110	0.3297815	0.1937010
## 111	0.2202695	0.2253548
## 112	0.2318251	0.2220146
## 113	0.1632770	0.2418290
## 114	0.2157646	0.2266569
## 115	0.2157646	0.2266569
## 116	0.2180087	0.2260083
## 117	0.2821574	0.2074662

## 118	0.1443794	0.2472918
## 119	0.1443794	0.2472918
## 120	0.3415660	0.1902949
## 121	0.1333256	0.2504872
## 122	0.2271527	0.2233652
## 123	0.2437974	0.2185540
## 124	0.1650901	0.2413049
## 125	0.2069562	0.2292030
## 126	0.2180087	0.2260083
## 127	0.2248415	0.2240332
## 128	0.1650901	0.2413049
## 129	0.1561846	0.2438792
## 130	0.3182072	0.1970464
## 131	0.3068531	0.2003282
## 132	0.1288117	0.2517921
## 133	0.2271527	0.2233652
## 134	0.1669193	0.2407762
## 135	0.2462415	0.2178476
## 136	0.3153476	0.1978729
## 137	0.1579338	0.2433736
## 138	0.2091331	0.2285738
## 139	0.1821392	0.2363766
## 140	0.2341863	0.2213321
## 141	0.1364087	0.2495960
## 142	0.2271527	0.2233652
## 143	0.1881184	0.2346483
## 144	0.1303016	0.2513614

## 145	0.1942471	0.2328767
## 146	0.2715773	0.2105243
## 147	0.4288916	0.1650551
## 148	0.1632770	0.2418290
## 149	0.1510317	0.2453688
## 150	0.1881184	0.2346483
## 151	0.1669193	0.2407762
## 152	0.2341863	0.2213321
## 153	0.1146975	0.2558724
## 154	0.1348597	0.2500438
## 155	0.2225471	0.2246964
## 156	0.1706263	0.2397046
## 157	0.1303016	0.2513614
## 158	0.3811755	0.1788464
## 159	0.1460193	0.2468177
## 160	0.1258753	0.2526410
## 161	0.1527336	0.2448768
## 162	0.1687646	0.2402427
## 163	0.1395516	0.2486874
## 164	0.1782359	0.2375049
## 165	0.2047961	0.2298274
## 166	0.2341863	0.2213321
## 167	0.2248415	0.2240332
## 168	0.1527336	0.2448768
## 169	0.2225471	0.2246964
## 170	0.3718709	0.1815357
## 171	0.1687646	0.2402427

## 172	0.1493453	0.2458563
## 173	0.1669193	0.2407762
## 174	0.1258753	0.2526410
## 176	0.1258753	0.2526410
## 177	0.1476746	0.2463392
## 178	0.1596989	0.2428633
## 179	0.2225471	0.2246964
## 180	0.1881184	0.2346483
## 181	0.1650901	0.2413049
## 182	0.2294805	0.2226923
## 183	0.1650901	0.2413049
## 184	0.2091331	0.2285738
## 185	0.2026528	0.2304470
## 186	0.2180087	0.2260083
## 187	0.3239674	0.1953815
## 188	0.2248415	0.2240332
## 189	0.1881184	0.2346483
## 190	0.1333256	0.2504872
## 191	0.2511789	0.2164204
## 192	0.2984876	0.2027461
## 193	0.3182072	0.1970464
## 194	0.1333256	0.2504872
## 195	0.1881184	0.2346483
## 196	0.1427549	0.2477614
## 197	0.1743983	0.2386142
## 198	0.2689714	0.2112775
## 199	0.1821392	0.2363766



## 200	0.1841157	0.2358053
## 201	0.1007455	0.2599059
## 202	0.2047961	0.2298274
## 203	0.2248415	0.2240332
## 204	0.1510317	0.2453688
## 205	0.2069562	0.2292030
## 206	0.2984876	0.2027461
## 207	0.1841157	0.2358053
## 208	0.1427549	0.2477614
## 209	0.2612494	0.2135096
## 210	0.2180087	0.2260083
## 211	0.2271527	0.2233652
## 212	0.1379726	0.2491439
## 213	0.2225471	0.2246964
## 214	0.2341863	0.2213321
## 215	0.1174082	0.2550887
## 216	0.2389587	0.2199526
## 217	0.1443794	0.2472918
## 218	0.2248415	0.2240332
## 219	0.2202695	0.2253548
## 220	0.2047961	0.2298274
## 221	0.1318063	0.2509264
## 222	0.1544512	0.2443803
## 223	0.1579338	0.2433736
## 224	0.1460193	0.2468177
## 225	0.1984165	0.2316715
## 226	0.1687646	0.2402427

## 227	0.2413698	0.2192557
## 228	0.2318251	0.2220146
## 229	0.2180087	0.2260083
## 230	0.2271527	0.2233652
## 231	0.1510317	0.2453688
## 232	0.2180087	0.2260083
## 233	0.2180087	0.2260083
## 234	0.1081582	0.2577629
## 235	0.1942471	0.2328767
## 236	0.1669193	0.2407762
## 237	0.2365642	0.2206447
## 239	0.1782359	0.2375049
## 240	0.2069562	0.2292030
## 241	0.1007455	0.2599059
## 242	0.1743983	0.2386142
## 243	0.1763089	0.2380619
## 244	0.2248415	0.2240332
## 245	0.2026528	0.2304470
## 246	0.1743983	0.2386142
## 247	0.2047961	0.2298274
## 248	0.1901446	0.2340626
## 249	0.1379726	0.2491439
## 250	0.1007455	0.2599059
## 251	0.3968759	0.1743085
## 252	0.2091331	0.2285738
## 253	0.1706263	0.2397046
## 254	0.1763089	0.2380619

## 255	0.1364087	0.2495960
## 256	0.1821392	0.2363766
## 257	0.1395516	0.2486874
## 258	0.3505355	0.1877024
## 259	0.1650901	0.2413049
## 260	0.3968759	0.1743085
## 261	0.1215782	0.2538832
## 262	0.1258753	0.2526410
## 263	0.1273362	0.2522187
## 264	0.2069562	0.2292030
## 265	0.1215782	0.2538832
## 266	0.2487020	0.2171363
## 267	0.1782359	0.2375049
## 268	0.2271527	0.2233652
## 269	0.3096704	0.1995139
## 270	0.1763089	0.2380619
## 271	0.2157646	0.2266569
## 272	0.2902546	0.2051258
## 273	0.2318251	0.2220146
## 274	0.2202695	0.2253548
## 275	0.1288117	0.2517921
## 276	0.1687646	0.2402427
## 277	0.1007455	0.2599059
## 278	0.1364087	0.2495960
## 279	0.2202695	0.2253548
## 280	0.1579338	0.2433736
## 281	0.1596989	0.2428633

## 282	0.2069562	0.2292030
## 283	0.2271527	0.2233652
## 284	0.1120414	0.2566402
## 285	0.2318251	0.2220146
## 286	0.3210805	0.1962159
## 287	0.2689714	0.2112775
## 288	0.1579338	0.2433736
## 289	0.1288117	0.2517921
## 290	0.1187842	0.2546909
## 291	0.2091331	0.2285738
## 292	0.1476746	0.2463392
## 293	0.2225471	0.2246964
## 294	0.2294805	0.2226923
## 295	0.2437974	0.2185540
## 296	0.1411456	0.2482266
## 297	0.1081582	0.2577629
## 298	0.1019488	0.2595580
## 299	0.2365642	0.2206447
## 300	0.1174082	0.2550887
## 301	0.1650901	0.2413049
## 302	0.2248415	0.2240332
## 303	0.1687646	0.2402427
## 304	0.1984165	0.2316715
## 305	0.1901446	0.2340626
## 306	0.1443794	0.2472918
## 307	0.2413698	0.2192557
## 308	0.1821392	0.2363766

## 309	0.1921875	0.2334720
## 310	0.2225471	0.2246964
## 311	0.2026528	0.2304470
## 312	0.2026528	0.2304470
## 313	0.1596989	0.2428633
## 314	0.3535494	0.1868313
## 315	0.4288916	0.1650551
## 316	0.1133627	0.2562583
## 317	0.1493453	0.2458563
## 319	0.1921875	0.2334720
## 320	0.2157646	0.2266569
## 321	0.1068903	0.2581294
## 322	0.1650901	0.2413049
## 323	0.1348597	0.2500438
## 324	0.2157646	0.2266569
## 325	0.2715773	0.2105243
## 326	0.1743983	0.2386142
## 327	0.1579338	0.2433736
## 328	0.4288916	0.1650551
## 329	0.1942471	0.2328767
## 330	0.1743983	0.2386142
## 331	0.2248415	0.2240332
## 332	0.1476746	0.2463392
## 333	0.1706263	0.2397046
## 334	0.2389587	0.2199526
## 335	0.1841157	0.2358053
## 336	0.1650901	0.2413049

## 337	0.2091331	0.2285738
## 338	0.2225471	0.2246964
## 339	0.2389587	0.2199526
## 340	0.2026528	0.2304470
## 341	0.2135373	0.2273007
## 342	0.2202695	0.2253548
## 343	0.2294805	0.2226923
## 344	0.2365642	0.2206447
## 345	0.1725041	0.2391618
## 346	0.1763089	0.2380619
## 347	0.3040500	0.2011384
## 348	0.1348597	0.2500438
## 349	0.1763089	0.2380619
## 350	0.2225471	0.2246964
## 351	0.1120414	0.2566402
## 352	0.2069562	0.2292030
## 353	0.3565749	0.1859568
## 354	0.1510317	0.2453688
## 355	0.1303016	0.2513614
## 356	0.1527336	0.2448768
## 357	0.3096704	0.1995139
## 358	0.3297815	0.1937010
## 359	0.2794890	0.2082375
## 360	0.1527336	0.2448768
## 361	0.2984876	0.2027461
## 362	0.1460193	0.2468177
## 363	0.1984165	0.2316715

## 364	0.2005262	0.2310617
## 365	0.2741989	0.2097666
## 366	0.1427549	0.2477614
## 367	0.1460193	0.2468177
## 369	0.1201742	0.2542891
## 370	0.1229963	0.2534733
## 371	0.1303016	0.2513614
## 372	0.1273362	0.2522187
## 373	0.1460193	0.2468177
## 374	0.2047961	0.2298274
## 375	0.2511789	0.2164204
## 376	0.2271527	0.2233652
## 377	0.2248415	0.2240332
## 378	0.2157646	0.2266569
## 379	0.3297815	0.1937010
## 380	0.2768361	0.2090043
## 381	0.1706263	0.2397046
## 382	0.2157646	0.2266569
## 383	0.1201742	0.2542891
## 384	0.1318063	0.2509264
## 385	0.1303016	0.2513614
## 386	0.2157646	0.2266569
## 387	0.1861087	0.2352292
## 388	0.1395516	0.2486874
## 389	0.2318251	0.2220146
## 390	0.2715773	0.2105243
## 391	0.1364087	0.2495960

## 392	0.3475335	0.1885700
## 393	0.2294805	0.2226923
## 394	0.1921875	0.2334720
## 395	0.1348597	0.2500438
## 396	0.1921875	0.2334720
## 397	0.1544512	0.2443803
## 398	0.3874279	0.1770393
## 399	0.2047961	0.2298274
## 400	0.1007455	0.2599059
## 401	0.1650901	0.2413049
## 402	0.2248415	0.2240332
## 403	0.1411456	0.2482266
## 404	0.2202695	0.2253548
## 405	0.1244287	0.2530592
## 406	0.1963234	0.2322765
## 407	0.1614799	0.2423485
## 408	0.2225471	0.2246964
## 409	0.2294805	0.2226923
## 410	0.3535494	0.1868313
## 411	0.2157646	0.2266569
## 412	0.1901446	0.2340626
## 413	0.1493453	0.2458563
## 414	0.1984165	0.2316715
## 415	0.1687646	0.2402427
## 416	0.2318251	0.2220146
## 417	0.2902546	0.2051258
## 418	0.1460193	0.2468177



## 419	0.1632770	0.2418290
## 420	0.2294805	0.2226923
## 421	0.4064014	0.1715554
## 422	0.2536722	0.2156997
## 423	0.2225471	0.2246964
## 424	0.1942471	0.2328767
## 425	0.1801793	0.2369431
## 426	0.1841157	0.2358053
## 428	0.1743983	0.2386142
## 429	0.2365642	0.2206447
## 430	0.2389587	0.2199526
## 431	0.1596989	0.2428633
## 432	0.1881184	0.2346483
## 433	0.2689714	0.2112775
## 434	0.2902546	0.2051258
## 435	0.2984876	0.2027461
## 436	0.2487020	0.2171363
## 437	0.1743983	0.2386142
## 438	0.1963234	0.2322765
## 439	0.2957284	0.2035437
## 441	0.1544512	0.2443803
## 442	0.2437974	0.2185540
## 443	0.1527336	0.2448768
## 444	0.2715773	0.2105243
## 445	0.1782359	0.2375049
## 446	0.1881184	0.2346483
## 447	0.1427549	0.2477614

## 448	0.1963234	0.2322765
## 449	0.1942471	0.2328767
## 450	0.1160460	0.2554826
## 451	0.4032180	0.1724755
## 452	0.1056355	0.2584922
## 453	0.1379726	0.2491439
## 454	0.1881184	0.2346483
## 455	0.2026528	0.2304470
## 456	0.2794890	0.2082375
## 457	0.2389587	0.2199526
## 458	0.1527336	0.2448768
## 459	0.1984165	0.2316715
## 460	0.1901446	0.2340626
## 461	0.2365642	0.2206447
## 462	0.1921875	0.2334720
## 463	0.2271527	0.2233652
## 464	0.1881184	0.2346483
## 465	0.2225471	0.2246964
## 466	0.1963234	0.2322765
## 467	0.1650901	0.2413049
## 468	0.2689714	0.2112775
## 469	0.1984165	0.2316715
## 470	0.1921875	0.2334720
## 471	0.2047961	0.2298274
## 472	0.2462415	0.2178476
## 473	0.2768361	0.2090043
## 474	0.2091331	0.2285738

## 475	0.1632770	0.2418290
## 476	0.1921875	0.2334720
## 477	0.2612494	0.2135096
## 478	0.2294805	0.2226923
## 479	0.1561846	0.2438792
## 480	0.1650901	0.2413049
## 481	0.1743983	0.2386142
## 482	0.2047961	0.2298274
## 483	0.2365642	0.2206447
## 484	0.2113268	0.2279397
## 485	0.3239674	0.1953815
## 486	0.1821392	0.2363766
## 487	0.1984165	0.2316715
## 488	0.1841157	0.2358053
## 489	0.2318251	0.2220146
## 490	0.2768361	0.2090043
## 491	0.1984165	0.2316715
## 492	0.2848412	0.2066905
## 493	0.2225471	0.2246964
## 494	0.1801793	0.2369431
## 495	0.2271527	0.2233652
## 496	0.2091331	0.2285738
## 497	0.2113268	0.2279397
## 498	0.2225471	0.2246964
## 499	0.1821392	0.2363766
## 500	0.2157646	0.2266569
## 501	0.1921875	0.2334720

## 502	0.2091331	0.2285738
## 503	0.2091331	0.2285738
## 504	0.2225471	0.2246964
## 505	0.2225471	0.2246964
## 506	0.2026528	0.2304470
## 507	0.2005262	0.2310617
## 508	0.2069562	0.2292030
## 509	0.2511789	0.2164204
## 510	0.2612494	0.2135096
## 511	0.2248415	0.2240332
## 512	0.1921875	0.2334720
## 513	0.2005262	0.2310617
## 514	0.2202695	0.2253548
## 515	0.1725041	0.2391618
## 516	0.2113268	0.2279397
## 517	0.2768361	0.2090043
## 518	0.1881184	0.2346483
## 519	0.2318251	0.2220146
## 520	0.1706263	0.2397046
## 521	0.1614799	0.2423485
## 522	0.2511789	0.2164204
## 523	0.1706263	0.2397046
## 524	0.2091331	0.2285738
## 525	0.1861087	0.2352292
## 526	0.2462415	0.2178476
## 527	0.2587075	0.2142443
## 528	0.2341863	0.2213321

## 529	0.2561817	0.2149743
## 530	0.2202695	0.2253548
## 531	0.2794890	0.2082375
## 532	0.3012615	0.2019444
## 533	0.1861087	0.2352292
## 534	0.2005262	0.2310617
## 535	0.2202695	0.2253548
## 536	0.2663815	0.2120262
## 537	0.1706263	0.2397046
## 538	0.2047961	0.2298274
## 539	0.2135373	0.2273007
## 540	0.2248415	0.2240332
## 541	0.1942471	0.2328767
## 542	0.1687646	0.2402427
## 543	0.1174082	0.2550887
## 544	0.2318251	0.2220146
## 545	0.1579338	0.2433736
## 546	0.2225471	0.2246964
## 547	0.3657197	0.1833136
## 548	0.1861087	0.2352292
## 549	0.2487020	0.2171363
## 550	0.1411456	0.2482266
## 551	0.1921875	0.2334720
## 552	0.1411456	0.2482266
## 553	0.1725041	0.2391618
## 554	0.2389587	0.2199526
## 555	0.1861087	0.2352292

## 556	0.1743983	0.2386142
## 557	0.2180087	0.2260083
## 558	0.1901446	0.2340626
## 559	0.2341863	0.2213321
## 560	0.1821392	0.2363766
## 561	0.2462415	0.2178476
## 562	0.2413698	0.2192557
## 563	0.2225471	0.2246964
## 564	0.1901446	0.2340626
## 565	0.2536722	0.2156997
## 566	0.2026528	0.2304470
## 567	0.2638074	0.2127702
## 568	0.2202695	0.2253548
## 569	0.2202695	0.2253548
## 570	0.1921875	0.2334720
## 571	0.1579338	0.2433736
## 572	0.1821392	0.2363766
## 573	0.2180087	0.2260083
## 574	0.2091331	0.2285738
## 575	0.1743983	0.2386142
## 576	0.2135373	0.2273007
## 577	0.2821574	0.2074662
## 578	0.2741989	0.2097666
## 579	0.2069562	0.2292030
## 580	0.1379726	0.2491439
## 581	0.1763089	0.2380619
## 582	0.2318251	0.2220146

## 583	0.2225471	0.2246964
## 584	0.2180087	0.2260083
## 585	0.1841157	0.2358053
## 586	0.1579338	0.2433736
## 587	0.1288117	0.2517921
## 588	0.1861087	0.2352292
## 589	0.2069562	0.2292030
## 590	0.2005262	0.2310617
## 591	0.1725041	0.2391618
## 592	0.1527336	0.2448768
## 593	0.1596989	0.2428633
## 594	0.2225471	0.2246964
## 595	0.1706263	0.2397046
## 596	0.1881184	0.2346483
## 597	0.1861087	0.2352292
## 598	0.2069562	0.2292030
## 599	0.2341863	0.2213321
## 600	0.1901446	0.2340626
## 601	0.1527336	0.2448768
## 602	0.2318251	0.2220146
## 603	0.1901446	0.2340626
## 604	0.2341863	0.2213321
## 605	0.1921875	0.2334720
## 606	0.1019488	0.2595580
## 607	0.2248415	0.2240332
## 608	0.2389587	0.2199526
## 609	0.2318251	0.2220146

## 610	0.1510317	0.2453688
## 611	0.1921875	0.2334720
## 612	0.2271527	0.2233652
## 613	0.2612494	0.2135096
## 614	0.1841157	0.2358053
## 615	0.2135373	0.2273007
## 616	0.2202695	0.2253548
## 617	0.2689714	0.2112775
## 618	0.1669193	0.2407762
## 619	0.2026528	0.2304470
## 620	0.1841157	0.2358053
## 621	0.1984165	0.2316715
## 622	0.2437974	0.2185540
## 623	0.1984165	0.2316715
## 624	0.2715773	0.2105243
## 625	0.2741989	0.2097666
## 626	0.2437974	0.2185540
## 627	0.2202695	0.2253548
## 628	0.1861087	0.2352292
## 629	0.2005262	0.2310617
## 630	0.2157646	0.2266569
## 631	0.1669193	0.2407762
## 632	0.2561817	0.2149743
## 633	0.1333256	0.2504872
## 634	0.2248415	0.2240332
## 635	0.1801793	0.2369431
## 636	0.1821392	0.2363766



## 637	0.2225471	0.2246964
## 638	0.3297815	0.1937010
## 639	0.3096704	0.1995139
## 640	0.1460193	0.2468177
## 641	0.2389587	0.2199526
## 642	0.2202695	0.2253548
## 643	0.1614799	0.2423485
## 644	0.2821574	0.2074662
## 645	0.2005262	0.2310617
## 646	0.2271527	0.2233652
## 647	0.2202695	0.2253548
## 648	0.2248415	0.2240332
## 649	0.2294805	0.2226923
## 650	0.2437974	0.2185540
## 651	0.2248415	0.2240332
## 652	0.2202695	0.2253548
## 653	0.2225471	0.2246964
## 654	0.2294805	0.2226923
## 655	0.2026528	0.2304470
## 656	0.2091331	0.2285738
## 657	0.2389587	0.2199526
## 658	0.1395516	0.2486874
## 659	0.2561817	0.2149743
## 660	0.2437974	0.2185540

## [1] 0.8873151

## [1] "It's wrong and I can provide a valid reason."

```
## [2] "It's wrong but I can't think of a reason."
```

```
## [3] "There is nothing wrong."
```

```
##                                     df3$InCS as.numeric(df3$InCS)
## 1                                There is nothing wrong.          3
## 2                                There is nothing wrong.          3
## 3                                There is nothing wrong.          3
## 4                                There is nothing wrong.          3
## 5                                There is nothing wrong.          3
## 6                                There is nothing wrong.          3
## 7                                There is nothing wrong.          3
## 8                                There is nothing wrong.          3
## 9                                There is nothing wrong.          3
## 10                               There is nothing wrong.          3
## 11                               There is nothing wrong.          3
## 12                               There is nothing wrong.          3
## 13                               There is nothing wrong.          3
## 14                               There is nothing wrong.          3
## 15                               There is nothing wrong.          3
## 16   It's wrong but I can't think of a reason.          2
## 17   It's wrong but I can't think of a reason.          2
## 18   It's wrong but I can't think of a reason.          2
## 19   It's wrong but I can't think of a reason.          2
## 20   It's wrong but I can't think of a reason.          2
## 21   It's wrong but I can't think of a reason.          2
## 22   It's wrong and I can provide a valid reason.        1
## 23   It's wrong and I can provide a valid reason.        1
## 24   It's wrong and I can provide a valid reason.        1
```

## 25	It's wrong and I can provide a valid reason.	1
## 26	It's wrong and I can provide a valid reason.	1
## 27	It's wrong and I can provide a valid reason.	1
## 28	It's wrong and I can provide a valid reason.	1
## 29	It's wrong and I can provide a valid reason.	1
## 30	It's wrong and I can provide a valid reason.	1
## 31	It's wrong and I can provide a valid reason.	1
## 32	It's wrong and I can provide a valid reason.	1
## 33	It's wrong and I can provide a valid reason.	1
## 34	There is nothing wrong.	3
## 35	There is nothing wrong.	3
## 36	There is nothing wrong.	3
## 37	There is nothing wrong.	3
## 38	There is nothing wrong.	3
## 39	It's wrong but I can't think of a reason.	2
## 40	It's wrong but I can't think of a reason.	2
## 41	It's wrong but I can't think of a reason.	2
## 42	It's wrong but I can't think of a reason.	2
## 43	It's wrong but I can't think of a reason.	2
## 44	It's wrong but I can't think of a reason.	2
## 45	It's wrong but I can't think of a reason.	2
## 46	It's wrong and I can provide a valid reason.	1
## 47	It's wrong and I can provide a valid reason.	1
## 48	It's wrong and I can provide a valid reason.	1
## 49	It's wrong and I can provide a valid reason.	1
## 50	It's wrong and I can provide a valid reason.	1
## 51	It's wrong and I can provide a valid reason.	1

## 52	It's wrong and I can provide a valid reason.	1
## 53	It's wrong and I can provide a valid reason.	1
## 54	It's wrong and I can provide a valid reason.	1
## 55	It's wrong and I can provide a valid reason.	1
## 56	It's wrong and I can provide a valid reason.	1
## 57	It's wrong and I can provide a valid reason.	1
## 58	It's wrong and I can provide a valid reason.	1
## 59	It's wrong and I can provide a valid reason.	1
## 60	It's wrong and I can provide a valid reason.	1
## 61	It's wrong and I can provide a valid reason.	1
## 62	It's wrong and I can provide a valid reason.	1
## 63	It's wrong and I can provide a valid reason.	1
## 64	It's wrong and I can provide a valid reason.	1
## 65	It's wrong and I can provide a valid reason.	1
## 66	It's wrong and I can provide a valid reason.	1
## 67	It's wrong but I can't think of a reason.	2
## 68	There is nothing wrong.	3
## 69	There is nothing wrong.	3
## 70	There is nothing wrong.	3
## 71	It's wrong but I can't think of a reason.	2
## 72	There is nothing wrong.	3
## 73	There is nothing wrong.	3
## 74	There is nothing wrong.	3
## 75	There is nothing wrong.	3
## 76	It's wrong and I can provide a valid reason.	1
## 77	It's wrong and I can provide a valid reason.	1
## 78	It's wrong and I can provide a valid reason.	1

## 79	It's wrong but I can't think of a reason.	2
## 80	There is nothing wrong.	3
## 81	It's wrong but I can't think of a reason.	2
## 82	It's wrong and I can provide a valid reason.	1
## 83	It's wrong and I can provide a valid reason.	1
## 84	It's wrong and I can provide a valid reason.	1
## 85	It's wrong but I can't think of a reason.	2
## 86	It's wrong but I can't think of a reason.	2
## 87	There is nothing wrong.	3
## 88	It's wrong and I can provide a valid reason.	1
## 89	It's wrong but I can't think of a reason.	2
## 90	It's wrong but I can't think of a reason.	2
## 91	It's wrong but I can't think of a reason.	2
## 92	There is nothing wrong.	3
## 93	It's wrong but I can't think of a reason.	2
## 94	It's wrong but I can't think of a reason.	2
## 95	It's wrong but I can't think of a reason.	2
## 96	It's wrong but I can't think of a reason.	2
## 97	There is nothing wrong.	3
## 98	It's wrong but I can't think of a reason.	2
## 99	It's wrong but I can't think of a reason.	2
## 100	It's wrong and I can provide a valid reason.	1
## 101	It's wrong and I can provide a valid reason.	1
## 102	It's wrong and I can provide a valid reason.	1
## 103	It's wrong and I can provide a valid reason.	1
## 104	It's wrong and I can provide a valid reason.	1
## 105	It's wrong and I can provide a valid reason.	1

## 106	It's wrong and I can provide a valid reason.	1
## 107	It's wrong and I can provide a valid reason.	1
## 108	It's wrong and I can provide a valid reason.	1
## 109	It's wrong and I can provide a valid reason.	1
## 110	It's wrong and I can provide a valid reason.	1
## 111	It's wrong and I can provide a valid reason.	1
## 112	It's wrong and I can provide a valid reason.	1
## 113	It's wrong and I can provide a valid reason.	1
## 114	It's wrong and I can provide a valid reason.	1
## 115	It's wrong and I can provide a valid reason.	1
## 116	It's wrong and I can provide a valid reason.	1
## 117	It's wrong and I can provide a valid reason.	1
## 118	There is nothing wrong.	3
## 119	There is nothing wrong.	3
## 120	There is nothing wrong.	3
## 121	There is nothing wrong.	3
## 122	There is nothing wrong.	3
## 123	There is nothing wrong.	3
## 124	There is nothing wrong.	3
## 125	It's wrong but I can't think of a reason.	2
## 126	It's wrong but I can't think of a reason.	2
## 127	It's wrong and I can provide a valid reason.	1
## 128	It's wrong and I can provide a valid reason.	1
## 129	It's wrong and I can provide a valid reason.	1
## 130	It's wrong and I can provide a valid reason.	1
## 131	There is nothing wrong.	3
## 132	There is nothing wrong.	3

## 133	It's wrong and I can provide a valid reason.	1
## 134	It's wrong and I can provide a valid reason.	1
## 135	It's wrong and I can provide a valid reason.	1
## 136	It's wrong and I can provide a valid reason.	1
## 137	There is nothing wrong.	3
## 138	There is nothing wrong.	3
## 139	There is nothing wrong.	3
## 140	There is nothing wrong.	3
## 141	It's wrong but I can't think of a reason.	2
## 142	It's wrong but I can't think of a reason.	2
## 143	It's wrong but I can't think of a reason.	2
## 144	It's wrong but I can't think of a reason.	2
## 145	It's wrong but I can't think of a reason.	2
## 146	It's wrong but I can't think of a reason.	2
## 147	It's wrong but I can't think of a reason.	2
## 148	It's wrong but I can't think of a reason.	2
## 149	It's wrong but I can't think of a reason.	2
## 150	It's wrong and I can provide a valid reason.	1
## 151	It's wrong and I can provide a valid reason.	1
## 152	It's wrong and I can provide a valid reason.	1
## 153	It's wrong and I can provide a valid reason.	1
## 154	It's wrong and I can provide a valid reason.	1
## 155	It's wrong and I can provide a valid reason.	1
## 156	It's wrong and I can provide a valid reason.	1
## 157	It's wrong and I can provide a valid reason.	1
## 158	It's wrong and I can provide a valid reason.	1
## 159	It's wrong and I can provide a valid reason.	1

## 160	It's wrong and I can provide a valid reason.	1
## 161	It's wrong and I can provide a valid reason.	1
## 162	It's wrong and I can provide a valid reason.	1
## 163	It's wrong and I can provide a valid reason.	1
## 164	It's wrong and I can provide a valid reason.	1
## 165	It's wrong and I can provide a valid reason.	1
## 166	It's wrong and I can provide a valid reason.	1
## 167	There is nothing wrong.	3
## 168	There is nothing wrong.	3
## 169	There is nothing wrong.	3
## 170	There is nothing wrong.	3
## 171	There is nothing wrong.	3
## 172	There is nothing wrong.	3
## 173	There is nothing wrong.	3
## 174	There is nothing wrong.	3
## 175	There is nothing wrong.	3
## 176	There is nothing wrong.	3
## 177	It's wrong but I can't think of a reason.	2
## 178	It's wrong and I can provide a valid reason.	1
## 179	It's wrong and I can provide a valid reason.	1
## 180	There is nothing wrong.	3
## 181	It's wrong but I can't think of a reason.	2
## 182	It's wrong but I can't think of a reason.	2
## 183	It's wrong but I can't think of a reason.	2
## 184	It's wrong and I can provide a valid reason.	1
## 185	It's wrong and I can provide a valid reason.	1
## 186	There is nothing wrong.	3



## 187	There is nothing wrong.	3
## 188	It's wrong but I can't think of a reason.	2
## 189	It's wrong but I can't think of a reason.	2
## 190	It's wrong but I can't think of a reason.	2
## 191	It's wrong but I can't think of a reason.	2
## 192	It's wrong but I can't think of a reason.	2
## 193	It's wrong and I can provide a valid reason.	1
## 194	It's wrong and I can provide a valid reason.	1
## 195	It's wrong and I can provide a valid reason.	1
## 196	It's wrong and I can provide a valid reason.	1
## 197	It's wrong and I can provide a valid reason.	1
## 198	It's wrong and I can provide a valid reason.	1
## 199	It's wrong and I can provide a valid reason.	1
## 200	It's wrong and I can provide a valid reason.	1
## 201	It's wrong and I can provide a valid reason.	1
## 202	It's wrong and I can provide a valid reason.	1
## 203	It's wrong and I can provide a valid reason.	1
## 204	It's wrong and I can provide a valid reason.	1
## 205	It's wrong and I can provide a valid reason.	1
## 206	It's wrong and I can provide a valid reason.	1
## 207	It's wrong and I can provide a valid reason.	1
## 208	It's wrong and I can provide a valid reason.	1
## 209	There is nothing wrong.	3
## 210	It's wrong but I can't think of a reason.	2
## 211	It's wrong but I can't think of a reason.	2
## 212	It's wrong but I can't think of a reason.	2
## 213	It's wrong but I can't think of a reason.	2

## 214	There is nothing wrong.	3
## 215	It's wrong but I can't think of a reason.	2
## 216	It's wrong but I can't think of a reason.	2
## 217	There is nothing wrong.	3
## 218	There is nothing wrong.	3
## 219	It's wrong but I can't think of a reason.	2
## 220	It's wrong and I can provide a valid reason.	1
## 221	It's wrong and I can provide a valid reason.	1
## 222	It's wrong and I can provide a valid reason.	1
## 223	It's wrong and I can provide a valid reason.	1
## 224	It's wrong but I can't think of a reason.	2
## 225	There is nothing wrong.	3
## 226	There is nothing wrong.	3
## 227	It's wrong but I can't think of a reason.	2
## 228	It's wrong but I can't think of a reason.	2
## 229	There is nothing wrong.	3
## 230	It's wrong and I can provide a valid reason.	1
## 231	It's wrong and I can provide a valid reason.	1
## 232	It's wrong but I can't think of a reason.	2
## 233	It's wrong but I can't think of a reason.	2
## 234	It's wrong but I can't think of a reason.	2
## 235	It's wrong but I can't think of a reason.	2
## 236	It's wrong but I can't think of a reason.	2
## 237	It's wrong but I can't think of a reason.	2
## 238	It's wrong but I can't think of a reason.	2
## 239	It's wrong and I can provide a valid reason.	1
## 240	It's wrong and I can provide a valid reason.	1

## 241	It's wrong and I can provide a valid reason.	1
## 242	It's wrong and I can provide a valid reason.	1
## 243	It's wrong and I can provide a valid reason.	1
## 244	It's wrong and I can provide a valid reason.	1
## 245	It's wrong and I can provide a valid reason.	1
## 246	It's wrong and I can provide a valid reason.	1
## 247	It's wrong and I can provide a valid reason.	1
## 248	It's wrong and I can provide a valid reason.	1
## 249	It's wrong and I can provide a valid reason.	1
## 250	It's wrong and I can provide a valid reason.	1
## 251	It's wrong and I can provide a valid reason.	1
## 252	It's wrong and I can provide a valid reason.	1
## 253	It's wrong and I can provide a valid reason.	1
## 254	It's wrong and I can provide a valid reason.	1
## 255	It's wrong and I can provide a valid reason.	1
## 256	It's wrong and I can provide a valid reason.	1
## 257	It's wrong and I can provide a valid reason.	1
## 258	It's wrong and I can provide a valid reason.	1
## 259	It's wrong and I can provide a valid reason.	1
## 260	It's wrong and I can provide a valid reason.	1
## 261	It's wrong and I can provide a valid reason.	1
## 262	It's wrong and I can provide a valid reason.	1
## 263	It's wrong and I can provide a valid reason.	1
## 264	It's wrong and I can provide a valid reason.	1
## 265	It's wrong and I can provide a valid reason.	1
## 266	It's wrong and I can provide a valid reason.	1
## 267	There is nothing wrong.	3

## 268	There is nothing wrong.	3
## 269	There is nothing wrong.	3
## 270	There is nothing wrong.	3
## 271	There is nothing wrong.	3
## 272	There is nothing wrong.	3
## 273	There is nothing wrong.	3
## 274	There is nothing wrong.	3
## 275	There is nothing wrong.	3
## 276	There is nothing wrong.	3
## 277	There is nothing wrong.	3
## 278	It's wrong but I can't think of a reason.	2
## 279	It's wrong and I can provide a valid reason.	1
## 280	It's wrong and I can provide a valid reason.	1
## 281	It's wrong and I can provide a valid reason.	1
## 282	It's wrong and I can provide a valid reason.	1
## 283	There is nothing wrong.	3
## 284	It's wrong but I can't think of a reason.	2
## 285	It's wrong but I can't think of a reason.	2
## 286	It's wrong and I can provide a valid reason.	1
## 287	It's wrong and I can provide a valid reason.	1
## 288	It's wrong and I can provide a valid reason.	1
## 289	There is nothing wrong.	3
## 290	There is nothing wrong.	3
## 291	There is nothing wrong.	3
## 292	It's wrong but I can't think of a reason.	2
## 293	It's wrong but I can't think of a reason.	2
## 294	It's wrong and I can provide a valid reason.	1

## 295 It's wrong and I can provide a valid reason.	1
## 296 It's wrong and I can provide a valid reason.	1
## 297 It's wrong and I can provide a valid reason.	1
## 298 It's wrong and I can provide a valid reason.	1
## 299 It's wrong and I can provide a valid reason.	1
## 300 It's wrong and I can provide a valid reason.	1
## 301 It's wrong and I can provide a valid reason.	1
## 302 It's wrong and I can provide a valid reason.	1
## 303 It's wrong and I can provide a valid reason.	1
## 304 It's wrong and I can provide a valid reason.	1
## 305 It's wrong and I can provide a valid reason.	1
## 306 It's wrong and I can provide a valid reason.	1
## 307 It's wrong and I can provide a valid reason.	1
## 308 It's wrong and I can provide a valid reason.	1
## 309 It's wrong and I can provide a valid reason.	1
## 310 It's wrong and I can provide a valid reason.	1
## 311 It's wrong and I can provide a valid reason.	1
## 312 It's wrong and I can provide a valid reason.	1
## 313 It's wrong and I can provide a valid reason.	1
## 314 It's wrong and I can provide a valid reason.	1
## 315 It's wrong and I can provide a valid reason.	1
## 316 It's wrong and I can provide a valid reason.	1
## 317 It's wrong and I can provide a valid reason.	1
## 318 It's wrong and I can provide a valid reason.	1
## 319 It's wrong and I can provide a valid reason.	1
## 320 It's wrong and I can provide a valid reason.	1
## 321 It's wrong and I can provide a valid reason.	1

## 322	It's wrong and I can provide a valid reason.	1
## 323	It's wrong and I can provide a valid reason.	1
## 324	It's wrong and I can provide a valid reason.	1
## 325	It's wrong and I can provide a valid reason.	1
## 326	It's wrong and I can provide a valid reason.	1
## 327	There is nothing wrong.	3
## 328	There is nothing wrong.	3
## 329	There is nothing wrong.	3
## 330	There is nothing wrong.	3
## 331	There is nothing wrong.	3
## 332	There is nothing wrong.	3
## 333	There is nothing wrong.	3
## 334	It's wrong but I can't think of a reason.	2
## 335	It's wrong and I can provide a valid reason.	1
## 336	There is nothing wrong.	3
## 337	There is nothing wrong.	3
## 338	There is nothing wrong.	3
## 339	It's wrong but I can't think of a reason.	2
## 340	It's wrong but I can't think of a reason.	2
## 341	It's wrong but I can't think of a reason.	2
## 342	It's wrong and I can provide a valid reason.	1
## 343	It's wrong and I can provide a valid reason.	1
## 344	It's wrong but I can't think of a reason.	2
## 345	It's wrong but I can't think of a reason.	2
## 346	It's wrong and I can provide a valid reason.	1
## 347	It's wrong and I can provide a valid reason.	1
## 348	It's wrong and I can provide a valid reason.	1

## 349	It's wrong and I can provide a valid reason.	1
## 350	It's wrong and I can provide a valid reason.	1
## 351	It's wrong and I can provide a valid reason.	1
## 352	It's wrong and I can provide a valid reason.	1
## 353	It's wrong and I can provide a valid reason.	1
## 354	It's wrong and I can provide a valid reason.	1
## 355	It's wrong and I can provide a valid reason.	1
## 356	It's wrong and I can provide a valid reason.	1
## 357	It's wrong and I can provide a valid reason.	1
## 358	It's wrong and I can provide a valid reason.	1
## 359	It's wrong and I can provide a valid reason.	1
## 360	It's wrong and I can provide a valid reason.	1
## 361	It's wrong and I can provide a valid reason.	1
## 362	It's wrong and I can provide a valid reason.	1
## 363	It's wrong and I can provide a valid reason.	1
## 364	It's wrong and I can provide a valid reason.	1
## 365	There is nothing wrong.	3
## 366	There is nothing wrong.	3
## 367	There is nothing wrong.	3
## 368	There is nothing wrong.	3
## 369	There is nothing wrong.	3
## 370	There is nothing wrong.	3
## 371	There is nothing wrong.	3
## 372	It's wrong but I can't think of a reason.	2
## 373	It's wrong but I can't think of a reason.	2
## 374	It's wrong and I can provide a valid reason.	1
## 375	There is nothing wrong.	3

## 376	There is nothing wrong.	3
## 377	It's wrong but I can't think of a reason.	2
## 378	It's wrong but I can't think of a reason.	2
## 379	It's wrong and I can provide a valid reason.	1
## 380	It's wrong and I can provide a valid reason.	1
## 381	It's wrong and I can provide a valid reason.	1
## 382	It's wrong and I can provide a valid reason.	1
## 383	It's wrong and I can provide a valid reason.	1
## 384	It's wrong and I can provide a valid reason.	1
## 385	It's wrong and I can provide a valid reason.	1
## 386	It's wrong and I can provide a valid reason.	1
## 387	It's wrong and I can provide a valid reason.	1
## 388	It's wrong and I can provide a valid reason.	1
## 389	It's wrong and I can provide a valid reason.	1
## 390	There is nothing wrong.	3
## 391	There is nothing wrong.	3
## 392	There is nothing wrong.	3
## 393	There is nothing wrong.	3
## 394	There is nothing wrong.	3
## 395	There is nothing wrong.	3
## 396	There is nothing wrong.	3
## 397	There is nothing wrong.	3
## 398	There is nothing wrong.	3
## 399	It's wrong but I can't think of a reason.	2
## 400	It's wrong but I can't think of a reason.	2
## 401	It's wrong and I can provide a valid reason.	1
## 402	It's wrong and I can provide a valid reason.	1





## 430	It's wrong and I can provide a valid reason.	1
## 431	It's wrong and I can provide a valid reason.	1
## 432	It's wrong and I can provide a valid reason.	1
## 433	It's wrong and I can provide a valid reason.	1
## 434	It's wrong and I can provide a valid reason.	1
## 435	It's wrong and I can provide a valid reason.	1
## 436	It's wrong and I can provide a valid reason.	1
## 437	It's wrong and I can provide a valid reason.	1
## 438	It's wrong and I can provide a valid reason.	1
## 439	It's wrong and I can provide a valid reason.	1
## 440	It's wrong and I can provide a valid reason.	1
## 441	It's wrong and I can provide a valid reason.	1
## 442	It's wrong and I can provide a valid reason.	1
## 443	It's wrong and I can provide a valid reason.	1
## 444	It's wrong and I can provide a valid reason.	1
## 445	It's wrong and I can provide a valid reason.	1
## 446	It's wrong and I can provide a valid reason.	1
## 447	It's wrong and I can provide a valid reason.	1
## 448	It's wrong and I can provide a valid reason.	1
## 449	It's wrong and I can provide a valid reason.	1
## 450	It's wrong and I can provide a valid reason.	1
## 451	There is nothing wrong.	3
## 452	It's wrong and I can provide a valid reason.	1
## 453	There is nothing wrong.	3
## 454	It's wrong and I can provide a valid reason.	1
## 455	It's wrong and I can provide a valid reason.	1
## 456	There is nothing wrong.	3

## 457	It's wrong and I can provide a valid reason.	1
## 458	It's wrong and I can provide a valid reason.	1
## 459	There is nothing wrong.	3
## 460	It's wrong and I can provide a valid reason.	1
## 461	It's wrong and I can provide a valid reason.	1
## 462	It's wrong but I can't think of a reason.	2
## 463	There is nothing wrong.	3
## 464	It's wrong but I can't think of a reason.	2
## 465	There is nothing wrong.	3
## 466	It's wrong but I can't think of a reason.	2
## 467	It's wrong and I can provide a valid reason.	1
## 468	There is nothing wrong.	3
## 469	It's wrong and I can provide a valid reason.	1
## 470	There is nothing wrong.	3
## 471	It's wrong and I can provide a valid reason.	1
## 472	It's wrong and I can provide a valid reason.	1
## 473	It's wrong and I can provide a valid reason.	1
## 474	It's wrong and I can provide a valid reason.	1
## 475	There is nothing wrong.	3
## 476	It's wrong but I can't think of a reason.	2
## 477	It's wrong but I can't think of a reason.	2
## 478	It's wrong and I can provide a valid reason.	1
## 479	It's wrong and I can provide a valid reason.	1
## 480	There is nothing wrong.	3
## 481	It's wrong and I can provide a valid reason.	1
## 482	It's wrong and I can provide a valid reason.	1
## 483	It's wrong but I can't think of a reason.	2

## 484	It's wrong but I can't think of a reason.	2
## 485	It's wrong and I can provide a valid reason.	1
## 486	It's wrong and I can provide a valid reason.	1
## 487	It's wrong and I can provide a valid reason.	1
## 488	It's wrong and I can provide a valid reason.	1
## 489	It's wrong but I can't think of a reason.	2
## 490	It's wrong and I can provide a valid reason.	1
## 491	It's wrong but I can't think of a reason.	2
## 492	It's wrong and I can provide a valid reason.	1
## 493	It's wrong and I can provide a valid reason.	1
## 494	It's wrong and I can provide a valid reason.	1
## 495	It's wrong and I can provide a valid reason.	1
## 496	It's wrong but I can't think of a reason.	2
## 497	It's wrong and I can provide a valid reason.	1
## 498	There is nothing wrong.	3
## 499	It's wrong but I can't think of a reason.	2
## 500	It's wrong but I can't think of a reason.	2
## 501	There is nothing wrong.	3
## 502	It's wrong and I can provide a valid reason.	1
## 503	It's wrong and I can provide a valid reason.	1
## 504	It's wrong but I can't think of a reason.	2
## 505	There is nothing wrong.	3
## 506	It's wrong and I can provide a valid reason.	1
## 507	It's wrong but I can't think of a reason.	2
## 508	There is nothing wrong.	3
## 509	It's wrong and I can provide a valid reason.	1
## 510	It's wrong but I can't think of a reason.	2

## 511	There is nothing wrong.	3
## 512	It's wrong and I can provide a valid reason.	1
## 513	It's wrong and I can provide a valid reason.	1
## 514	It's wrong and I can provide a valid reason.	1
## 515	There is nothing wrong.	3
## 516	It's wrong and I can provide a valid reason.	1
## 517	There is nothing wrong.	3
## 518	It's wrong and I can provide a valid reason.	1
## 519	It's wrong and I can provide a valid reason.	1
## 520	It's wrong and I can provide a valid reason.	1
## 521	It's wrong but I can't think of a reason.	2
## 522	There is nothing wrong.	3
## 523	It's wrong and I can provide a valid reason.	1
## 524	It's wrong but I can't think of a reason.	2
## 525	It's wrong but I can't think of a reason.	2
## 526	It's wrong but I can't think of a reason.	2
## 527	It's wrong but I can't think of a reason.	2
## 528	It's wrong and I can provide a valid reason.	1
## 529	It's wrong and I can provide a valid reason.	1
## 530	There is nothing wrong.	3
## 531	It's wrong and I can provide a valid reason.	1
## 532	It's wrong and I can provide a valid reason.	1
## 533	It's wrong but I can't think of a reason.	2
## 534	It's wrong but I can't think of a reason.	2
## 535	It's wrong and I can provide a valid reason.	1
## 536	It's wrong and I can provide a valid reason.	1
## 537	It's wrong and I can provide a valid reason.	1

## 538	There is nothing wrong.	3
## 539	It's wrong and I can provide a valid reason.	1
## 540	It's wrong and I can provide a valid reason.	1
## 541	It's wrong and I can provide a valid reason.	1
## 542	It's wrong and I can provide a valid reason.	1
## 543	It's wrong but I can't think of a reason.	2
## 544	There is nothing wrong.	3
## 545	There is nothing wrong.	3
## 546	It's wrong and I can provide a valid reason.	1
## 547	It's wrong but I can't think of a reason.	2
## 548	It's wrong but I can't think of a reason.	2
## 549	It's wrong but I can't think of a reason.	2
## 550	It's wrong but I can't think of a reason.	2
## 551	It's wrong and I can provide a valid reason.	1
## 552	It's wrong and I can provide a valid reason.	1
## 553	There is nothing wrong.	3
## 554	It's wrong but I can't think of a reason.	2
## 555	It's wrong and I can provide a valid reason.	1
## 556	It's wrong and I can provide a valid reason.	1
## 557	It's wrong and I can provide a valid reason.	1
## 558	It's wrong and I can provide a valid reason.	1
## 559	There is nothing wrong.	3
## 560	It's wrong but I can't think of a reason.	2
## 561	It's wrong and I can provide a valid reason.	1
## 562	It's wrong and I can provide a valid reason.	1
## 563	There is nothing wrong.	3
## 564	It's wrong and I can provide a valid reason.	1

## 565	It's wrong and I can provide a valid reason.	1
## 566	It's wrong and I can provide a valid reason.	1
## 567	There is nothing wrong.	3
## 568	It's wrong and I can provide a valid reason.	1
## 569	There is nothing wrong.	3
## 570	It's wrong and I can provide a valid reason.	1
## 571	There is nothing wrong.	3
## 572	There is nothing wrong.	3
## 573	It's wrong and I can provide a valid reason.	1
## 574	It's wrong and I can provide a valid reason.	1
## 575	It's wrong but I can't think of a reason.	2
## 576	It's wrong but I can't think of a reason.	2
## 577	It's wrong and I can provide a valid reason.	1
## 578	It's wrong and I can provide a valid reason.	1
## 579	There is nothing wrong.	3
## 580	It's wrong and I can provide a valid reason.	1
## 581	There is nothing wrong.	3
## 582	It's wrong and I can provide a valid reason.	1
## 583	There is nothing wrong.	3
## 584	It's wrong and I can provide a valid reason.	1
## 585	It's wrong and I can provide a valid reason.	1
## 586	It's wrong and I can provide a valid reason.	1
## 587	It's wrong and I can provide a valid reason.	1
## 588	It's wrong and I can provide a valid reason.	1
## 589	It's wrong and I can provide a valid reason.	1
## 590	It's wrong but I can't think of a reason.	2
## 591	It's wrong but I can't think of a reason.	2

## 592	There is nothing wrong.	3
## 593	It's wrong and I can provide a valid reason.	1
## 594	It's wrong and I can provide a valid reason.	1
## 595	It's wrong and I can provide a valid reason.	1
## 596	There is nothing wrong.	3
## 597	It's wrong and I can provide a valid reason.	1
## 598	It's wrong but I can't think of a reason.	2
## 599	It's wrong and I can provide a valid reason.	1
## 600	It's wrong and I can provide a valid reason.	1
## 601	It's wrong and I can provide a valid reason.	1
## 602	It's wrong and I can provide a valid reason.	1
## 603	It's wrong but I can't think of a reason.	2
## 604	It's wrong and I can provide a valid reason.	1
## 605	It's wrong but I can't think of a reason.	2
## 606	There is nothing wrong.	3
## 607	It's wrong and I can provide a valid reason.	1
## 608	It's wrong and I can provide a valid reason.	1
## 609	It's wrong and I can provide a valid reason.	1
## 610	It's wrong and I can provide a valid reason.	1
## 611	It's wrong but I can't think of a reason.	2
## 612	It's wrong and I can provide a valid reason.	1
## 613	It's wrong and I can provide a valid reason.	1
## 614	It's wrong and I can provide a valid reason.	1
## 615	It's wrong but I can't think of a reason.	2
## 616	It's wrong and I can provide a valid reason.	1
## 617	It's wrong and I can provide a valid reason.	1
## 618	It's wrong but I can't think of a reason.	2



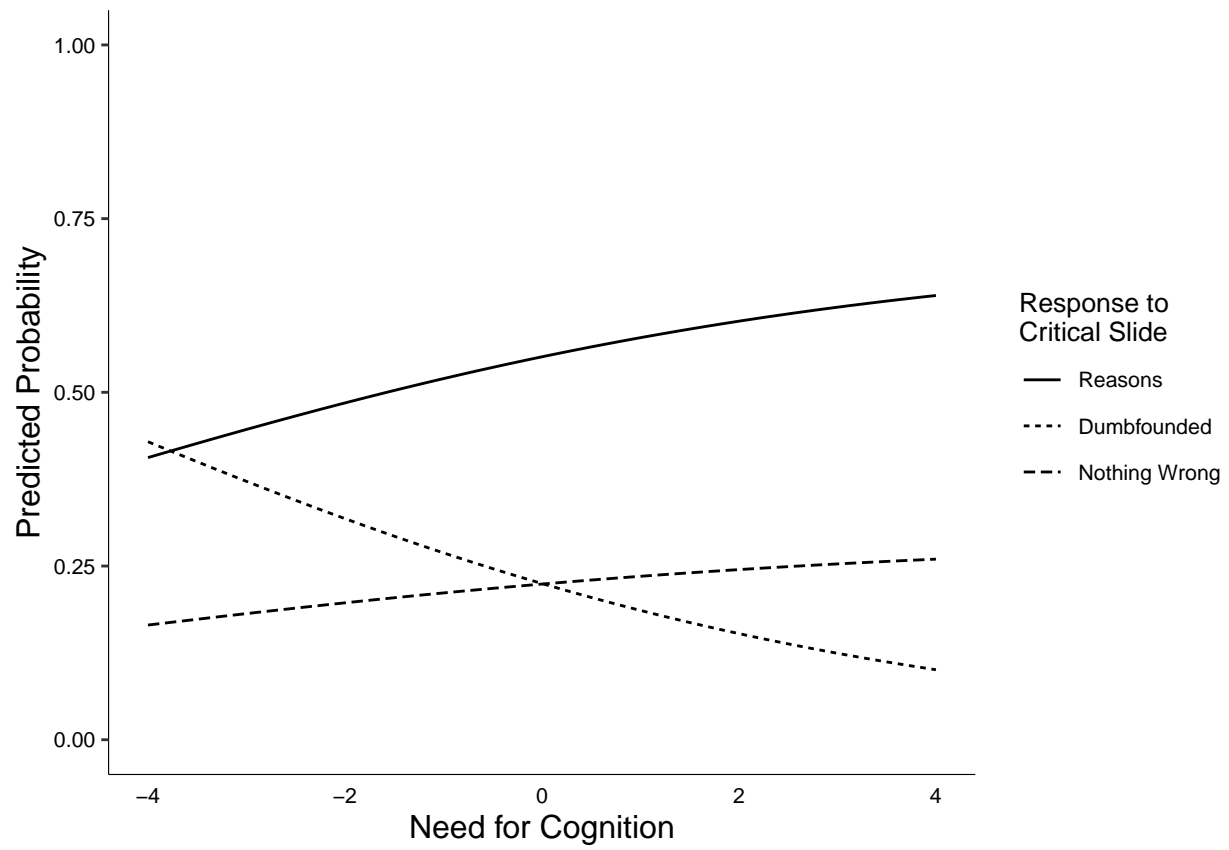
## 619	It's wrong and I can provide a valid reason.	1
## 620	It's wrong and I can provide a valid reason.	1
## 621	It's wrong and I can provide a valid reason.	1
## 622	It's wrong and I can provide a valid reason.	1
## 623	It's wrong and I can provide a valid reason.	1
## 624	There is nothing wrong.	3
## 625	It's wrong and I can provide a valid reason.	1
## 626	It's wrong and I can provide a valid reason.	1
## 627	There is nothing wrong.	3
## 628	It's wrong and I can provide a valid reason.	1
## 629	There is nothing wrong.	3
## 630	It's wrong but I can't think of a reason.	2
## 631	It's wrong and I can provide a valid reason.	1
## 632	It's wrong and I can provide a valid reason.	1
## 633	It's wrong but I can't think of a reason.	2
## 634	It's wrong and I can provide a valid reason.	1
## 635	It's wrong and I can provide a valid reason.	1
## 636	It's wrong and I can provide a valid reason.	1
## 637	It's wrong but I can't think of a reason.	2
## 638	It's wrong and I can provide a valid reason.	1
## 639	It's wrong and I can provide a valid reason.	1
## 640	There is nothing wrong.	3
## 641	It's wrong but I can't think of a reason.	2
## 642	It's wrong and I can provide a valid reason.	1
## 643	There is nothing wrong.	3
## 644	It's wrong and I can provide a valid reason.	1
## 645	It's wrong and I can provide a valid reason.	1

## 646 It's wrong and I can provide a valid reason.	1
## 647 It's wrong but I can't think of a reason.	2
## 648 It's wrong and I can provide a valid reason.	1
## 649 It's wrong and I can provide a valid reason.	1
## 650 It's wrong and I can provide a valid reason.	1
## 651 It's wrong and I can provide a valid reason.	1
## 652 It's wrong and I can provide a valid reason.	1
## 653 It's wrong but I can't think of a reason.	2
## 654 It's wrong and I can provide a valid reason.	1

```
## # weights: 9 (4 variable)
## initial value 718.492437
## iter 10 value 638.984294
## iter 10 value 638.984294
## final value 638.984294
## converged
```

A multinomial logistic regression revealed a statistically significant association between Need for Cognition and response to the critical slide,  $\chi^2(2, N = 654) = 12.15, p = .002$ . The observed power was 0.89. Need for Cognition explained between 1.95% (Cox and Snell R square) and 2.62% (Nadelkerke R squared) of the variance in responses to the critical slide. As Need for Cognition increased, participants were significantly more likely to provide reasons than to present as dumbfounded, Wald = 11.01,  $p < .001$ , odds ratio = 0.79, 95% CI [0.69, 0.91]. As Need for Cognition increased, participants were also significantly more likely to select there is nothing wrong than present as dumbfounded Wald = 0,  $p = 1.000$ , odds ratio = 1.00, 95% CI [0.87, 1.15]. The relative probabilities of selecting each response depending on Need for Cognition are displayed in Figure 3.

**Figure 3**

*Studies 1-5: Probability of selecting each response to the critical slide depending on Need for Cognition*