Animacy Nouns: Graphs for Accuracy

morgan moyer

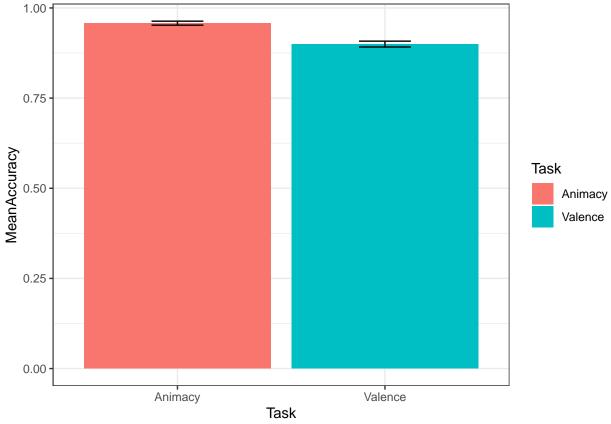
2025-03-27

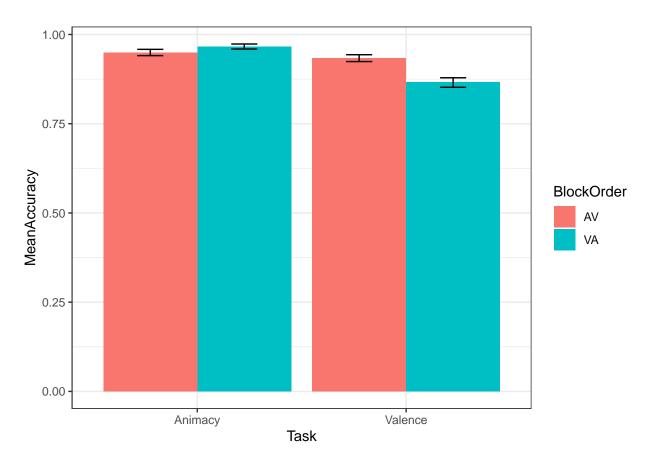
```
table(d$Task,d$Label)
##
##
             test_ani test_val
                 4800
##
     Animacy
                          4800
##
     Valence
print(unique(d$Word))
    [1] "intruder"
                    "gunshot"
                                 "princess"
                                             "sibling"
                                                         "dictator"
                                                                      "chipmunk"
                                                         "slave"
##
  [7] "puppy"
                    "award"
                                 "child"
                                             "sandwich"
                                                                      "feast"
## [13] "sunshine"
                    "comedian"
                                "wiretap"
                                             "corpse"
                                                         "flood"
                                                                      "swastika"
## [19] "smallpox"
                    "widow"
                                 "duckling"
                                             "pizza"
                                                                      "leech"
                                                         "poison"
## [25] "meadow"
                    "asshole"
                                 "prize"
                                             "laughter"
                                                         "mugger"
                                                                      "inmate"
## [31] "bunny"
                    "husband"
                                 "cocaine"
                                                         "doughnut"
                                                                      "kitten"
                                             "maggot"
## [37] "tapeworm"
                    "excrement" "heroin"
                                             "dollar"
table(d$Key_value_F)
##
##
      Α
           В
## 4800 4800
Summary Stats
agr <- d %>%
  group_by(Task) %>%
  summarize(MeanAccuracy = mean(Accuracy),
            SD = sd(Accuracy))
print(agr)
## # A tibble: 2 x 3
          MeanAccuracy
     Task
              <dbl> <dbl>
     <chr>
## 1 Animacy
                    0.958 0.201
## 2 Valence
                    0.900 0.300
```

Graph Accuracy by Word

Overall Accuracy

```
agr <- d %>%
group_by(Task) %>%
```





Mean Accuracy by Word / Task

```
agr <- d %>%
  group_by(Task,Word,BlockOrder) %>%
  # filter((Task == "Valence") & (BlockOrder == "VC") |
             (Task == "Animacy") & (BlockOrder == "CV")) %>%
  mutate(MeanAccuracy = mean(Accuracy),
          CILow = ci.low(Accuracy),
          CIHigh = ci.high(Accuracy)) %>%
  mutate(YMin = MeanAccuracy - CILow,
         YMax = MeanAccuracy + CIHigh)
agrr <- agr %>%
 group_by(Word, Task) %>%
  select(Word, Task, MeanAccuracy) %>%
 unique()
dodge = position_dodge(.9)
ggplot(data=agr, aes(x=Task,y=MeanAccuracy,fill=BlockOrder)) +
  geom_bar(position=dodge,stat="identity") +
  facet_wrap(~Word,ncol=10) +
  geom_errorbar(aes(ymin=YMin,ymax=YMax),width=.25,position=position_dodge(0.9)) +
  theme(axis.text.x = element_text(angle = 45, hjust = 1))
```

```
child
                                         chipmunk
                                                                            dictator
                                                                                     dollar
  1.00
  0.75
  0.50 -
  0.25
  0.00
  1.00
  0.75
MeanAccuracy
0.00 -
0.00 -
0.00 -
0.00 -
0.75
0.50
                                                                                             BlockOrder
                                                                                                ΑV
                                 maggot
                                                                                                VA
  0.25
  0.00
                        sibling
               sandwich
                                         smallpox
                                                  sunshine
                                                          swastika
                                                                   tapeworm
                                                                            widow
  1.00
  0.75
  0.50
  0.25
  0.00 -
                                              Task
m <- lmer(MeanAccuracy ~ BlockOrder + (1|Word), data =agr)
summary(m)
## Linear mixed model fit by REML. t-tests use Satterthwaite's method [
## lmerModLmerTest]
## Formula: MeanAccuracy ~ BlockOrder + (1 | Word)
##
      Data: agr
## REML criterion at convergence: -26026.3
##
## Scaled residuals:
##
        Min
                  1Q Median
                                    3Q
                                            Max
## -4.0162 -0.6723 0.0955 0.7475 3.5477
##
## Random effects:
                            Variance Std.Dev.
   Groups Name
               (Intercept) 0.002035 0.04511
## Word
## Residual
                            0.003807 0.06170
## Number of obs: 9600, groups: Word, 40
##
## Fixed effects:
##
                    Estimate Std. Error
                                                    df t value Pr(>|t|)
## (Intercept)
                   9.417e-01 7.188e-03 3.961e+01 131.01
## BlockOrderVA -2.562e-02 1.259e-03 9.559e+03 -20.35
                                                                  <2e-16 ***
## Signif. codes: 0 '***' 0.001 '**' 0.05 '.' 0.1 ' ' 1
## Correlation of Fixed Effects:
                 (Intr)
## BlockOrdrVA -0.088
```

PropPositive and PropAnimate

```
val <- d %>%
  filter(Task == "Valence") %>%
  # filter(Word %in% conc$Word) %>%
  group_by(Word, Animacy) %>%
  mutate(Response.n = as.numeric(factor(Response, levels = c("negative", "positive"))) - 1) %>% # Conv
  summarize(PropPositive = mean(Response.n))
## `summarise()` has grouped output by 'Word'. You can override using the
## `.groups` argument.
  # filter(PropPositive > .1 | PropPositive < .9)</pre>
dodge = position_dodge(.9)
ggplot(data=val, aes(x=reorder(Word,PropPositive),y=PropPositive,fill=Animacy)) +
  geom_bar(position=dodge,stat="identity") +
  theme(axis.text.x = element_text(angle = 45, hjust = 1))
  0.75
PropPositive
                                                                             Animacy
  0.50
                                                                                  animate
                                                                                  inanimate
  0.25
                           reorder(Word, PropPositive)
  # guides(fill = "none")
ani <- d %>%
  filter(Task == "Animacy") %>%
  # filter(Word %in% conc$Word) %>%
  group_by(Word, Valence) %>%
  mutate(Response.n = as.numeric(factor(Response, levels = c("inanimate", "animate"))) - 1) %>% # Conv
  summarize(PropAnimate = mean(Response.n))
```

```
## `summarise()` has grouped output by 'Word'. You can override using the
## `.groups` argument.
  # filter(PropPositive > .1 | PropPositive < .9)</pre>
dodge = position_dodge(.9)
ggplot(data=ani, aes(x=reorder(Word,PropAnimate),y=PropAnimate,fill=Valence)) +
  geom_bar(position=dodge,stat="identity") +
  theme(axis.text.x = element text(angle = 45, hjust = 1))
  1.00
  0.75
PropAnimate
                                                                                 Valence
   0.50
                                                                                      negative
                                                                                      positive
  0.25
  0.00
                            reorder(Word, PropAnimate)
```

guides(fill = "none")

Accuracy by Participant

```
geom_errorbar(aes(ymin=YMin,ymax=YMax),width=.25,position=position_dodge(0.9)) +
  theme(axis.text.x = element_text(angle = 45, hjust = 1))
  1.00
  0.75
MeanAccuracy
                                                                                       Task
                                                                                          Animacy
                                                                                          Valence
  0.25
                                  reorder(ID.true, MeanAccuracy)
  # guides(fill = "none")
agr <- d %>%
  group_by(Task,ConcValCombo) %>%
  summarize(MeanAccuracy = mean(Accuracy), CILow = ci.low(Accuracy), CIHigh = ci.high(Accuracy)) %>%
  mutate(YMin = MeanAccuracy - CILow, YMax = MeanAccuracy + CIHigh)
dodge = position_dodge(.9)
ggplot(data=agr, aes(x=Task,y=MeanAccuracy,fill=ConcValCombo)) +
  geom_bar(position=dodge,stat="identity") +
  # facet_wrap(~Task) +
 geom_errorbar(aes(ymin=YMin,ymax=YMax),width=.25,position=position_dodge(0.9))
  # theme(axis.text.x = element_text(angle = 45, hjust = 1))
  # guides(fill = "none")
```

Removing Inaccurate participants

```
inacc.parts <- d %>%
  group_by(ID.true,Task) %>%
  summarise(MeanAccuracy = mean(Accuracy)) %>%
  filter(MeanAccuracy < .75)

## `summarise()` has grouped output by 'ID.true'. You can override using the
## `.groups` argument.

# How many participants have Accuracy < .75?
length(unique(inacc.parts$ID.true))

## [1] 4</pre>
```

Accuracy by Participant

```
agr <- d %>%
                                                                                                                                                                         # Remove the inaccurate participants
                                                                                                                                                                         filter(!ID.true %in% inacc.parts$ID.true) %>%
                                                                                                                                                                         select(ID.true, Task, Accuracy) %>%
                                                                                                                                                                         group_by(ID.true,Task) %>%
                                                                                                                                                                         mutate(MeanAccuracy = mean(Accuracy),
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CILow = ci.low(Accuracy),
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CIHigh = ci.high(Accuracy)) %>%
                                                                                                                                                                         mutate(YMin = MeanAccuracy - CILow,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    YMax = MeanAccuracy + CIHigh)
                                                                      dodge = position_dodge(.9)
                                                                      ggplot(data=agr, aes(x=reorder(ID.true,MeanAccuracy),y=MeanAccuracy,fill=Task)) +
                                                                                                                                                                         geom_bar(position=dodge,stat="identity") +
                                                                                                                                                                         geom_errorbar(aes(ymin=YMin,ymax=YMax),width=.25,position=position_dodge(0.9)) +
                                                                                                                                                                         theme(axis.text.x = element_text(angle = 45, hjust = 1))
                                                                                                                                                                                       1.00
                                                                                                   MeanAccuracy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Task
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Animacy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Valence
                                                                                                                                                                                       0.25
Solder Beech and the control of the 
                                                                                                                                                           by a garage of the state of the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      A Light Hold Hold Control of the Con
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               5555 Thurst out the face of th
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         THE STATE OF THE PROPERTY OF T
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             And the first of t
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            tr
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    370 Bearly Standard Standards
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       EESE LANGER BEEFER LEGISTER
                                                                                                                                                                                                                                                                                   See Michael Barry Control of the Con
                                                                                                                                                                                                                                                                                                                                                                                                     Old Belleville State of the Control 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STEE SELFER PROPERTY OF THE PR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                September 200 Control of the Control
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       A. A. State Light and Land Conference of the Con
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          And the transfer of the contract of the contra
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Horse and the second of the se
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Best Strategy of the Strategy 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ether and the state of the stat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (IF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Excellence to the contract of 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Hell E take fool at the detection of the fool of the f
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Been Berger of the control of the co
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              EEEBBERT North of the Control of the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Transfer of the state of the st
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  The Base September of the State of the State
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Additional state of the state o
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      to the state of th
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 - Land South of South
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REPUBLISHED TO THE PROPERTY OF THE PROPERTY OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 reorder(ID.true, MeanAccuracy)
```

Mean Accuracy by Word / Task

Looking at only the first block

quides(fill = "none")

```
agrr <- agr %>%
          group_by(Word,Task) %>%
           select(Word, Task, MeanAccuracy) %>%
          unique()
dodge = position_dodge(.9)
ggplot(data=agr, aes(x=Task,y=MeanAccuracy,fill=BlockOrder)) +
           geom_bar(position=dodge,stat="identity") +
          facet_wrap(~Word,ncol=10) +
           geom_errorbar(aes(ymin=YMin,ymax=YMax),width=.25,position=position_dodge(0.9)) +
          theme(axis.text.x = element_text(angle = 45, hjust = 1))
                                                                                                                                                                                                                                                                                                                                                    dictator
                                                                        award
                                                                                                               bunny
                                                                                                                                                      child
                                                                                                                                                                                       chipmunk
                                                                                                                                                                                                                                                                                                              corpse
                                                                                                                                                                                                                                                                                                                                                                                            dollar
          1.00
         0.75
         0.50
         0.25
         0.00
                             doughnut
                                                                     duckling
                                                                                                         excrement
                                                                                                                                                      feast
                                                                                                                                                                                                                                                                                                           husband
          1.00
         0.75
MeanAccuracy
0.50 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.50 - 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                BlockOrder
                                                                                                                                                                                                                                                                                                                                                                                                                                              ΑV
                                                                                                                                                                                                                                                                                                                                                                                                                                              VA
         0.50
         0.25
         0.00
                                                                                                              sibling
                                                                   sandwich
                                                                                                                                                      slave
                                                                                                                                                                                        smallpox
                                                                                                                                                                                                                              sunshine
                                                                                                                                                                                                                                                                     swastika
                                                                                                                                                                                                                                                                                                                                                     widow
                                 puppy
                                                                                                                                                                                                                                                                                                          tapeworm
          1.00 -
         0.75
         0.50
         0.25
         0.00
```