# NoSoundChange

Tyler Lau
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```
[1] "Trial 1"
$NomSg
   f m n
- 82 84 50
a 86 2 0
e 7 1 0
o 1 54 89
os 2 40 2
$AccSg
  f m n
- 0 0 35
a 86 2 0
e 89 85 15
o 3 94 91
$GenSg
   f
as 86
       2
es 90 139 139
os 2 40
$DatSg
   f
          n
   0 25
   0
as 86 0
e 18 136 139
es 74 6
   0 12
$AblSg
   f m n
   1 0 0
a 86 0 0
ao 0 2 0
e 89 84 50
eo 0 1 0
   2 54 89
os 0 40 2
$NomPl
   f m n
as 86 2 0
es 89 85 50
os 3 94 91
```

\$AccPl

f m n as 86 2 0 0 es 90 85 50 cs 2 40 2 s

#### \$GenPl

f m n as 86 2 0 es 92 179 141

### \$DatPl

f m n as 86 2 0 es 92 179 141

### \$AblPl

f m n
as 86 2 0
es 92 139 139
s 0 40 2

[1] "Trial 2" \$NomSg

f m n - 89 85 50 a 86 2 0 o 3 94 91

# \$AccSg

### \$GenSg

f m n a 86 2 0 e 92 179 141

# \$DatSg

f m n a 86 2 0 e 92 179 141

# \$AblSg

\$NomPl

- f m n - 92 179 141 a 86 2 0
- \$AccPl
- f m n - 3 94 141
- a 86 2 0
- e 89 85 0
- \$GenPl
- f m n a 86 2 0
- e 92 179 141
- \$DatPl
- f m n
- a 86 2 0
- e 92 179 141
- \$AblPl
- f m n
- 3 94 141
- a 86 2 0
- e 89 85 0
- [1] "Trial 3"
- \$NomSg
- f m n
- 89 85 50
- a 86 2 0
- o 3 94 91
- \$AccSg
- f m n
- 0 0 50 a 86 2 0
- a 00 2 (
- e 89 85 0
- o 3 94 91
- \$GenSg
- f m n
- 33 22 50
- a 86 2 0
- e 56 63 0
- o 3 94 91
- \$DatSg
- f m n
- 0 0 50 a 86 2 0
- e 89 85 0
- o 3 94 91

### \$AblSg

f m n - 0 0 50 a 86 2 0 e 89 85 0

o 3 94 91

### \$NomPl

f m n - 3 94 91 a 86 2 50 es 89 85 0

### \$AccPl

f m n - 3 94 91 a 86 2 50 es 89 85 0

#### \$GenPl

f m n
- 3 94 141
a 86 2 0
es 89 85 0

#### \$DatPl

f m n
- 3 94 141
a 86 2 0
es 89 85 0

#### \$AblPl

f m n - 3 94 141 a 86 2 0 es 89 85 0

[1] "Trial 4"

\$NomSg

f m n - 89 85 50 a 86 2 0 o 3 94 91

# \$AccSg

### \$GenSg

f m n a 86 2 0

#### e 92 179 141

# \$DatSg

f m n a 86 2 0 e 92 179 141

#### \$AblSg

f m n a 86 2 0 e 89 85 50 o 3 94 91

#### \$NomPl

f m n as 86 2 0 s 92 179 141

#### \$AccPl

f m n
- 3 94 91
as 86 2 0
es 89 85 0
s 0 0 50

#### \$GenPl

f m n -86 2 0 e92 179 141

### \$DatPl

f m n -86 2 0 e92 179 141

# \$AblPl

f m n -86 2 0 e92 179 141

# [1] "Trial 5"

# \$NomSg

f m n - 89 85 50 a 86 2 0 o 3 94 91

# \$AccSg

# \$GenSg

f m n a 86 2 0 e 92 179 141

### \$DatSg

f m n a 86 2 0 e 92 179 141

# \$AblSg

f m n a 86 2 0 e 89 85 50 o 3 94 91

### \$NomPl

f m n - 92 179 2 a 86 2 139

#### \$AccPl

f m n - 1 94 2 a 86 2 139 e 91 85 0

# \$GenPl

f m n e 86 2 0 i 92 179 141

### \$DatPl

f m n e 86 2 0 i 92 179 141

### \$AblPl

f m n e 86 2 0 i 92 179 141

# [1] "Trial 6"

### \$NomSg

# \$AccSg

f m n a 86 2 0 e 89 85 50

### o 3 94 91

# \$GenSg

f m n a 86 2 0 e 0 38 2 es 92 141 139

### \$DatSg

f m n a 86 2 0 e 3 94 91 es 89 85 50

# \$AblSg

#### \$NomPl

#### \$AccPl

#### \$GenPl

f m n a 86 2 0 es 92 179 141

### \$DatPl

f m n a 86 2 0 e 0 6 0 es 92 173 141

### \$AblPl

f m n
- 2 40 2
a 86 2 0
es 89 85 50
s 1 54 89

[1] "Trial 7"

\$NomSg

f m n

- 89 85 50

a 86 2 0

o 3 94 91

#### \$AccSg

f m n

a 86 2 0

e 89 85 50

o 3 94 91

### \$GenSg

f m n

- 3 0 27

a 86 2 0

e 0 94 90

es 84 85 11

s 5 0 13

# \$DatSg

f m n

- 3 52 2

a 86 2 0

e 89 127 139

# \$AblSg

f m n

a 86 2 0

e 89 85 50

o 3 94 91

# \$NomPl

f m n

- 3 94 91

a 86 2 0

es 86 76 0

s 3 9 50

#### \$AccPl

f m n

- 0 94 53

a 89 2 82

e 89 85 6

#### \$GenPl

f m n

- 1 54 89

a 86 2 0 es 91 125 51

s 0 0 1

\$DatPl

f m n
- 3 94 141
a 86 2 0
e 88 85 0
es 1 0 0

#### \$AblPl

[1] "Trial 8" \$NomSg

f m n - 89 85 50 a 86 2 0 o 3 94 91

# \$AccSg

# \$GenSg

f m n a 86 2 0 i 92 179 141

# \$DatSg

f m n a 86 2 0 i 92 179 141

### \$AblSg

### \$NomPl

f m n as 86 2 0 s 92 179 141

# \$AccPl

f m n
- 3 94 91
as 86 2 0

es 89 85 0 s 0 0 50

### \$GenPl

f m n a 86 0 0 e 0 2 0 i 92 179 141

# \$DatPl

f m n a 86 2 0 i 92 179 141

#### \$AblPl

f m n i 178 181 141

[1] "Trial 9" \$NomSg

f m n - 89 85 50 a 86 2 0 o 3 94 91

### \$AccSg

# \$GenSg

f m n - 0 39 2 e 1 0 0 i 0 54 89 s 177 88 50

# \$DatSg

# \$AblSg

#### \$NomPl

f m n s 178 181 141

#### \$AccPl

f m n as 86 2 0 es 89 85 0 s 3 94 141

### \$GenPl

f m n eo 91 125 52 es 0 0 7 s 87 56 82

### \$DatPl

f m n eo 91 125 52 s 87 56 89

#### \$AblPl

f m n eo 91 125 52 s 87 56 89

# [1] "Trial 10"

# \$NomSg

f m n - 89 85 50 a 86 2 0 o 3 94 91

# \$AccSg

f m n a 86 2 0 e 89 85 50 o 3 94 91

### \$GenSg

f m n
- 7 0 0
a 86 2 0
e 83 139 141
o 2 40 0

# \$DatSg

f m n a 86 2 0 e 90 139 141 o 2 40 0

# \$AblSg

f m n

- a 86 2 0
- e 89 85 50
- o 3 94 91

#### \$NomPl

- ${\tt f} \quad {\tt m} \quad {\tt n}$
- 7 83 139
- a 86 2 0
- o 2 40 2
- s 83 56 0

### \$AccPl

- f m n
- 43 127 139
- a 86 2 0
- o 2 40 2
- s 47 12 0

### \$GenPl

- f m n
- 92 179 141
- a 86 2 0

#### \$DatPl

- f m n
- 92 179 141
- a 86 2 0

# \$AblPl

- ${\tt f} \quad {\tt m} \quad {\tt n}$
- a 32 1 0
- as 54 1 0 es 90 136 109
- os 2 40 2
- s 0 3 30
- [1] "Trial 11"

# \$NomSg

- f m n
- 82 84 50
- a 86 2 0
- e 7 1 0
- o 3 94 91

# \$AccSg

- f m n
- a 86 2 0
- e 89 85 50
- o 3 94 91

# \$GenSg

- f m n
- 1 54 89
- a 86 2 0

- e 89 85 50 o 2 40 2
- \$DatSg
- f m n
- 7 55 137
- a 86 2 0
- e 83 84 2
- o 2 40 2
- \$AblSg
- f m n
- 1 0 0
- a 86 2 0
- e 89 85 50
- o 2 94 91
- \$NomPl
- ФИОШЬТ
- f m n
   6 64 106
- a 90 3 35
- a 30 0 00
- e 82 84 0 o 0 30 0
- \$AccPl
- f m n
- 1 105 0
- a 93 3 139
- e 82 33 0
- o 2 40 2
- \$GenPl
- f m n
- 0 0 81
- a 93 3 58
- e 85 178 2
- \$DatPl
- f m n
- 76 110 0
- a 93 3 139
- e 9 68 2
- \$AblPl
- f m n
- 2 84 107
- a 93 3 34
- e 83 94 0
- [1] "Trial 12"
- \$NomSg
- f m n
- 89 85 50
- a 86 2 0

o 3 94 91

#### \$AccSg

f m n - 0 0 50 a 86 2 0 e 89 85 0

o 3 94 91

### \$GenSg

# \$DatSg

f m n - 92 179 141 a 86 2 0

# \$AblSg

# \$NomPl

f m n as 86 2 0 s 92 179 141

#### \$AccPl

f m n as 86 2 0 es 89 85 0 s 3 94 141

### \$GenPl

f m n s 178 181 141

# \$DatP1

f m n as 86 2 0 s 92 179 141

#### \$AblPl

f m n as 86 2 0 es 89 85 0 s 3 94 141

[1] "Trial 13" \$NomSg

f m n - 89 85 50 a 86 2 0

o 3 94 91

### \$AccSg

f m n a 86 2 0 e 89 85 50 o 3 94 91

# \$GenSg

f m n
- 0 0 4
a 86 2 0
e 83 119 133
es 9 60 4

# \$DatSg

f m n a 86 2 0 e 92 179 141

### \$AblSg

f m n a 86 2 0 e 89 85 50 o 3 94 91

#### \$NomPl

f m n
- 84 127 138
a 86 2 0
es 3 40 2
s 5 12 1

#### \$AccPl

f m n
- 1 54 89
a 86 2 0
e 89 122 52
es 2 3 0

### \$GenPl

# \$DatPl

f m n - 85 116 139 a 86 2 0

- e 0 11 0 es 2 42 2 s 5 10 0
- \$AblPl
- f m n a 86 2 0 e 53 53 120 es 39 126 21
- [1] "Trial 14" \$NomSg
- f m n - 89 85 50 a 86 2 0 o 3 94 91
- \$AccSg
- f m n a 86 2 0 e 89 85 50 o 3 94 91
- \$GenSg
- f m n a 86 2 0 e 9 95 91 es 83 84 50
- \$DatSg
- f m n a 86 2 0 e 89 85 50 o 3 94 91
- \$AblSg
- f m n
   1 0 0
  a 86 2 0
  e 89 85 50
  o 2 94 91
- \$NomPl
- f m n a 86 2 0 e 3 94 91 es 89 85 50
- \$AccPl
- f m n - 1 54 89 es 175 87 50 o 2 40 2

#### \$GenPl

f m n a 86 2 0 e 3 94 91

es 89 85 50

#### \$DatPl

f m n as 86 2 0 e 3 94 91 es 89 85 50

#### \$AblPl

f m n a 86 2 0 e 3 94 91 es 89 85 50

[1] "Trial 15"

### \$NomSg

f m n - 89 85 50 a 86 2 0 o 3 94 91

### \$AccSg

# \$GenSg

f m n - 3 94 91 as 86 2 0 s 89 85 50

# \$DatSg

# \$AblSg

\$NomPl

f m n as 86 2 0 s 92 179 141

#### \$AccPl

f m n
- 0 15 88
as 86 2 0
es 89 85 0
s 3 79 53

### \$GenPl

f m n as 86 2 0 s 92 179 141

### \$DatPl

f m n as 86 2 0 es 89 85 0 s 3 94 141

# \$AblPl

f m n as 86 2 0 es 89 85 0 s 3 94 141

[1] "Trial 16"

### \$NomSg

f m n - 82 84 50 a 86 2 0 e 7 1 0 o 3 94 91

### \$AccSg

f m n a 86 2 0 e 89 85 50 o 3 94 91

### \$GenSg

### \$DatSg

f m n a 86 2 0 e 90 139 139 o 2 40 2

# \$AblSg

f m n a 86 2 0 e 89 85 50 o 3 94 91

#### \$NomPl

#### \$AccPl

# \$GenPl

#### \$DatPl

f m n a 86 2 50 e 92 179 91

### \$AblP1

f m n a 86 2 50 e 90 139 89 o 2 40 2

### [1] "Trial 17"

# \$NomSg

f m n - 89 85 50 a 86 2 0 o 3 94 91

### \$AccSg

# \$GenSg

f m n - 92 179 141 a 86 2 0

### \$DatSg

e 89 85 0

### \$AblSg

f m n
- 2 0 50

a 86 2 0

e 89 85 0

o 1 94 91

#### \$NomPl

f m n - 92 179 141 a 86 2 0

# \$AccPl

f m n - 3 94 141 es 175 87 0

### \$GenPl

f m n - 92 179 141 a 86 2 0

# \$DatPl

f m n - 3 94 141 a 86 2 0

e 89 85 0

# \$AblPl

f m n
- 3 94 141

a 86 2 0

e 89 85 0

# [1] "Trial 18"

# \$NomSg

f m n

- 89 85 50

a 86 2 0

o 3 94 91

# \$AccSg

f m n

- 1 0 50

a 86 2 0

e 89 85 0

o 2 94 91

### \$GenSg

f m n a 86 2 0

es 92 179 141

# \$DatSg

f m n a 86 2 0

es 92 179 141

# \$AblSg

f m n

a 86 2 0

e 89 85 50

o 3 94 91

#### \$NomPl

f m n

- 0 0 89

a 86 2 50

es 91 125 2

s 1 54 0

### \$AccPl

f m n

- 1 54 2

a 86 2 137

es 91 125 2

### \$GenPl

f m n

a 86 2 0

es 92 179 141

# \$DatPl

f m n

a 86 2 0

es 92 179 141

### \$AblPl

f m n

a 86 2 0

es 92 179 141

# [1] "Trial 19"

# \$NomSg

f m n

- 89 85 50

a 86 2 0

o 3 94 91

# \$AccSg

f m n a 86 2 0 e 89 85 50 o 3 94 91

### \$GenSg

# \$DatSg

f m n a 86 2 0 es 92 179 141

# \$AblSg

f m n a 86 2 0 e 89 85 50 o 3 94 91

#### \$NomPl

f m n - 9 40 2 a 87 56 89 s 82 85 50

#### \$AccPl

f m n - 2 40 2 a 87 56 89 e 89 85 50

#### \$GenPl

f m n eo 91 86 51 eso 0 39 1 o 87 56 89

### \$DatPl

f m n eo 91 125 52 o 87 56 89

# \$AblPl

f m n eo 91 125 52 o 87 56 89

[1] "Trial 20"

### \$NomSg

f m n

- 89 85 50

a 86 2 0

# o 3 94 91

### \$AccSg

f m n

a 86 2 0

e 89 85 50

o 3 94 91

### \$GenSg

f m n

a 86 2 0

e 92 179 141

### \$DatSg

f m n

- 89 85 50

a 86 2 0

o 3 94 91

# \$AblSg

f m n

a 86 2 0

e 89 85 50

o 3 94 91

#### \$NomPl

f m n

- 92 179 141

a 86 2 0

#### \$AccPl

f m n

- 3 94 91

a 86 2 0

e 89 85 50

#### \$GenPl

f m n

- 92 179 141

a 86 2 0

### \$DatPl

f m n

- 92 179 141

a 86 2 0

# \$AblPl

f m n

- 92 179 141

a 86 2 0

[1] "Trial 21"

# \$NomSg

f m n

- 89 86 50

a 86 1 0

o 3 94 91

# \$AccSg

f m n

- 0 0 50

a 86 2 0

e 89 85 0

o 3 94 91

# \$GenSg

f m n

- 92 180 141

a 86 1 0

# \$DatSg

f m n

- 3 94 141

a 86 2 0

e 89 85 0

# \$AblSg

f m n

- 0 0 50

a 86 0 0

ao 0 2 0

e 89 84 0

eo 0 1 0

o 3 94 91

#### \$NomPl

f m n

- 92 181 141

a 86 0 0

#### \$AccPl

f m n

- 3 95 141

a 86 1 0

e 89 85 0

#### \$GenPl

f m n

- 92 181 141

a 86 0 0

# \$DatP1

f m n

- 3 95 141

a 86 1 0 e 89 85 0

### \$AblPl

f m n eo 178 181 141

[1] "Trial 22"

### \$NomSg

f m n - 89 85 50

a 86 2 0

o 3 94 91

# \$AccSg

f m n

a 86 2 0

e 89 85 50

o 3 94 91

# \$GenSg

f m n

a 86 0 0

e 0 2 0

i 2 54 89

is 90 125 52

# \$DatSg

f m n

a 86 2 0

i 92 109 91

is 0 70 50

# \$AblSg

f m n

a 86 2 0

e 89 85 50

o 3 94 91

# \$NomPl

f m n

- 0 0 89

a 86 2 0

e 92 179 52

### \$AccPl

f m n

- 0 54 0

a 86 2 89

e 92 125 52

### \$GenPl

f m n

- 0 0 89

a 86 2 0 e 92 179 52

### \$DatPl

f m n - 0 54 0 a 86 2 89

e 92 125 52

# \$AblPl

f m n a 86 2 0 e 92 179 141

[1] "Trial 23"

# \$NomSg

f m n
- 82 84 50
a 86 2 0
es 7 1 0
o 3 94 91

### \$AccSg

f m n a 86 2 0 e 89 85 50 o 3 94 91

### \$GenSg

f m n as 86 2 0 es 89 85 50 s 3 94 91

# \$DatSg

f m n a 86 2 0 e 82 84 50 es 7 1 0 s 3 94 91

# \$AblSg

f m n a 86 2 0 e 82 84 50 es 7 1 0 os 3 94 91

# \$NomPl

f m n es 178 181 141

#### \$AccPl

f m n

#### es 178 181 141

#### \$GenPl

f m n as 86 2 0 es 92 179 141

### \$DatPl

f m n as 86 2 0 es 92 179 141

#### \$AblPl

f m n as 86 2 0 es 92 179 141

# [1] "Trial 24"

\$NomSg

f m n - 82 84 50 a 86 2 0 o 3 94 91

s 7 1 0

### \$AccSg

# \$GenSg

f m n a 86 2 0 s 92 179 141

# \$DatSg

### \$AblSg

#### \$NomPl

f m n a 86 2 0 s 92 179 141

#### \$AccPl

f m n a 86 2 0 es 89 85 0 s 3 94 141

### \$GenPl

#### \$DatPl

f m n a 86 2 0 es 89 85 0 s 3 94 141

#### \$AblPl

f m n a 86 2 0 es 89 85 0 s 3 94 141

# [1] "Trial 25"

# \$NomSg

f m n - 0 0 50 a 86 2 0 e 89 85 0 o 3 94 91

# \$AccSg

# \$GenSg

f m n a 86 2 0 e 92 179 141

# \$DatSg

f m n a 86 2 0 e 92 179 141

### \$AblSg

# \$NomPl

f m n
a 86 1 0
as 0 1 0
es 89 85 0
s 3 94 141

#### \$AccPl

f m n a 86 2 0 es 89 85 0 s 3 94 141

#### \$GenPl

f m n a 86 2 0 e 92 179 141

#### \$DatPl

f m n a 86 2 0 e 92 179 141

#### \$AblPl

f m n a 86 2 0 e 92 179 141

[1] "Trial 26"

### \$NomSg

f m n - 89 85 50 a 86 2 0 o 3 94 91

### \$AccSg

### \$GenSg

f m n - 82 2 0 e 86 179 141 s 10 0 0

# \$DatSg

f m n - 90 2 0 a 2 0 0 e 86 179 141

### \$AblSg

f m n
a 85 2 0
as 1 0 0
e 89 85 50
o 3 94 91

### \$NomPl

f m n
- 3 94 2
a 0 0 139
as 86 2 0
s 89 85 0

### \$AccPl

f m n
- 3 94 2
a 0 0 139
as 86 2 0
es 89 85 0

### \$GenPl

f m n
a 82 2 0
as 4 0 0
e 71 179 141
es 15 0 0
s 6 0 0

#### \$DatPl

f m n
a 55 2 0
as 31 0 0
e 10 179 141
es 76 0 0
s 6 0 0

### \$AblPl

# [1] "Trial 27" \$NomSg

f m n
- 0 0 50

a 86 2 0 e 89 85 0

o 3 94 91

### \$AccSg

f m n

- 0 0 50

a 86 2 0

e 89 85 0

o 3 94 91

# \$GenSg

f m n

- 0 8 0

as 86 2 0

e 1 59 91

es 89 88 50

s 2 24 0

# \$DatSg

f m n

a 86 2 0

e 90 158 141

o 2 21 0

# \$AblSg

f m n

- 0 0 50

a 86 2 0

e 89 85 0

o 3 94 91

### \$NomPl

f m n

as 86 2 0 es 89 85 0

s 3 94 141

### \$AccPl

f m n

as 86 2 0

es 89 85 0

s 3 94 141

### \$GenPl

f m n

as 86 2 0

es 90 174 141

s 2 5 0

# \$DatPl

f m n

as 86 2 0

es 90 179 141

# s 2 0 0

#### \$AblPl

f m n as 86 2 0 es 89 85 0 s 3 94 141

[1] "Trial 28"

### \$NomSg

f m n a 86 2 0 o 1 54 89 os 2 40 2 s 89 85 50

# \$AccSg

# \$GenSg

f m n as 40 0 0 es 92 179 67 s 46 2 74

### \$DatSg

f m n as 86 2 0 es 92 179 53 s 0 0 88

# \$AblSg

# \$NomPl

f m n as 86 2 0 s 92 179 141

#### \$AccPl

f m n as 86 2 4 es 90 85 0 s 2 94 137

#### \$GenPl

f m n
as 86 2 4
es 88 138 33
s 4 41 104

#### \$DatPl

f m n as 86 2 31 es 85 127 12 s 7 52 98

#### \$AblPl

f m n as 86 2 0 es 90 85 0 s 2 94 141

[1] "Trial 29"

\$NomSg

f m n - 89 85 50 a 86 2 0 o 3 94 91

# \$AccSg

f m n a 86 2 0 e 89 85 50 o 3 94 91

# \$GenSg

# \$DatSg

f m n a 86 2 0 e 89 85 50 o 3 94 91

### \$AblSg

f m n a 86 2 0 e 89 85 50 o 3 94 91

\$NomPl

f m n as 86 2 0 s 92 179 141

#### \$AccPl

f m n as 86 2 0 es 89 85 50 s 3 94 91

### \$GenPl

f m n
bos 86 2 0
ebos 89 85 50
s 3 94 91

### \$DatPl

f m n as 86 2 0 es 89 85 50 s 3 94 91

### \$AblPl

f m n
bos 86 2 0
ebos 89 85 50
s 3 94 91

[1] "Trial 30"

\$NomSg

f m n - 89 85 50 a 86 2 0 o 3 94 91

# \$AccSg

### \$GenSg

f m n as 86 2 0 s 92 179 141

# \$DatSg

f m n as 86 2 0 s 92 179 141

# \$AblSg

f m n

- 0 0 50 a 86 2 0 e 89 85 0

o 3 94 91

#### \$NomPl

f m n as 86 2 0 s 92 179 141

### \$AccPl

f m n as 86 2 0 es 89 85 0 s 3 94 141

### \$GenPl

f m n as 86 2 0 s 92 179 141

#### \$DatPl

f m n as 86 2 0 s 92 179 141

### \$AblPl

f m n as 86 2 0 es 89 85 0 s 3 94 141

[1] "Trial 31"

# \$NomSg

f m n - 89 85 50 a 86 2 0 o 3 94 91

### \$AccSg

f m n a 86 2 0 e 89 85 50 o 3 94 91

# \$GenSg

f m n a 86 2 0 e 92 179 141

# \$DatSg

f m n a 86 2 0 e 92 179 141

# \$AblSg

f m n a 86 2 0 e 89 85 50 o 3 94 91

### \$NomPl

f m n
- 3 94 91
a 86 1 0
as 0 1 0
es 89 85 50

#### \$AccPl

f m n - 3 94 91 a 86 2 0 es 89 85 50

### \$GenPl

f m n a 86 2 0 e 92 179 141

#### \$DatPl

f m n a 86 2 0 e 92 179 141

#### \$AblPl

f m n a 86 2 0 e 92 179 141

[1] "Trial 32"

### \$NomSg

f m n - 89 85 50 a 86 2 0 o 3 94 91

### \$AccSg

### \$GenSg

f m n
- 3 94 91
a 11 0 0
as 75 2 0

# s 89 85 50

#### \$DatSg

f m n - 3 94 91 a 86 2 0 s 89 85 50

## \$AblSg

#### \$NomPl

f m n - 3 93 91 as 86 1 0 s 89 87 50

#### \$AccPl

#### \$GenPl

f m n s 178 181 141

# \$DatPl

f m n as 86 1 0 s 92 180 141

# \$AblPl

 $\begin{array}{ccccc} & & f & m & n \\ \text{bos} & 49 & 1 & 0 \\ \text{ebos} & 126 & 86 & 50 \\ \text{s} & & 3 & 94 & 91 \end{array}$ 

# [1] "Trial 33"

\$NomSg

f m n - 89 85 50 a 86 2 0 o 3 94 91

# \$AccSg

f m n

- 0 0 50 a 86 2 0 e 89 85 0

o 3 94 91

# \$GenSg

f m n a 86 2 0 e 92 179 141

# \$DatSg

f m n a 86 2 0 e 92 179 141

# \$AblSg

## \$NomPl

f m n
- 87 131 0
a 86 2 139
es 2 40 0
s 3 8 2

#### \$AccPl

## \$GenPl

f m n
- 6 0 139
a 86 2 0
e 85 179 2
es 1 0 0

## \$DatPl

f m n - 2 0 139 a 86 2 0 e 90 179 2

# \$AblPl

es 91 125 0 s 1 54 4

[1] "Trial 34"

\$NomSg

f m n - 89 85 50

a 86 2 0

o 3 94 91

# \$AccSg

f m n

- 0 0 50

a 86 2 0

e 89 85 0

o 3 94 91

## \$GenSg

f m n

- 2 2 0

as 86 2 0

is 90 139 139

o 0 38 2

## \$DatSg

 ${\tt f} {\tt m} {\tt n}$ 

as 86 2 0 is 90 139 139

o 2 40 2

## \$AblSg

f m n

- 0 0 30

a 86 2 0

e 89 85 20

o 3 94 91

## \$NomPl

f m n

- 2 40 2

as 86 2 68

is 89 85 0

s 1 54 71

## \$AccPl

f m n

- 240 2

as 86 2 139

ees 89 85 0

s 1 54 0

## \$GenPl

f m n aso 86 2 0

eo 92 179 2 o 0 0 139

## \$DatPl

 $\begin{array}{ccccc} & f & m & n \\ aso & 86 & 2 & 0 \\ eo & 92 & 179 & 2 \\ o & 0 & 0 & 139 \end{array}$ 

# \$AblPl

# [1] "Trial 35"

## \$NomSg

f m n - 89 85 50 a 86 2 0 o 3 94 91

# \$AccSg

# \$GenSg

f m n - 3 94 91 a 86 2 0 s 89 85 50

# \$DatSg

# \$AblSg

#### \$NomPl

f m n a 86 2 0 s 92 179 141

#### \$AccPl

f m n a 86 2 0 e 89 85 0 s 3 94 141

## \$GenPl

f m n a 86 2 0 s 92 179 141

## \$DatPl

f m n a 86 2 0 e 89 85 0 s 3 94 141

## \$AblPl

f m n a 86 2 0 e 89 85 0 s 3 94 141

[1] "Trial 36"

# \$NomSg

f m n - 89 85 50 a 86 2 0 o 3 94 91

# \$AccSg

f m n a 86 2 0 e 89 85 50 o 3 94 91

# \$GenSg

f m n - 70 117 134 a 84 0 0 e 24 64 7

# \$DatSg

f m n - 1 54 89 a 86 2 0 e 91 125 52

## \$AblSg

- f m n - 0 1 0
- a 86 1 0
- e 89 85 50
- o 3 94 91

#### \$NomPl

- f m n
- 91 125 52
- a 87 56 89

## \$AccPl

- f m n
- 88 105 49
- a 87 57 89
- e 3 19 3

#### \$GenPl

- f m n
- 76 117 129
- a 85 9 8
- e 17 55 4

#### \$DatPl

- f m n
- 70 104 96
- a 87 31 41
- e 21 46 4

#### \$AblPl

- f m n -80 13 6
- e 98 168 135

# [1] "Trial 37"

# \$NomSg

- f m n
- 89 85 50
- a 86 2 0
- o 3 94 91

# \$AccSg

- f m n
- 0 0 50
- a 86 2 0
- e 89 85 0
- o 3 94 91

# \$GenSg

- f m n
- 90 139 139
- a 86 2 0
- o 2 40 2

# \$DatSg

f m n - 1 54 139 a 86 2 0 e 89 85 0 o 2 40 2

#### \$AblSg

f m n - 2 0 50 a 86 2 0 e 88 85 0 o 2 94 91

#### \$NomPl

f m n
- 7 54 139
a 86 2 0
o 2 40 2
s 83 85 0

#### \$AccPl

#### \$GenPl

f m n - 7 32 141 a 86 2 0 s 85 147 0

# \$DatP1

f m n - 92 170 141 a 86 2 0 e 0 4 0 s 0 5 0

#### \$AblPl

f m n - 6 0 48 a 86 2 0 s 86 179 93

# [1] "Trial 38"

\$NomSg

f m n - 90 85 50 a 86 2 0 o 0 54 89 u 2 40 2

#### \$AccSg

f m n - 90 85 50 a 86 2 0 o 0 54 89

u 2 40 2

## \$GenSg

# \$DatSg

f m n
- 1 0 0
a 86 2 0
e 89 139 139
u 2 40 2

# \$AblSg

#### \$NomPl

# \$AccPl

## \$GenPl

#### \$DatPl

f m n - 1 0 0 a 86 2 0 e 89 139 139

u 2 40 2

## \$AblPl

f m n
- 1 0 0
a 86 2 0
e 89 139 139
u 2 40 2

[1] "Trial 39"

# \$NomSg

f m n - 89 85 50 a 86 2 0 o 3 94 91

## \$AccSg

## \$GenSg

f m n - 3 94 141 a 86 2 0 e 89 85 0

# \$DatSg

f m n - 3 94 141 a 86 2 0 e 89 85 0

# \$AblSg

## \$NomPl

f m n - 92 179 141 a 86 2 0

#### \$AccPl

f m n

- 3 94 2
- a 86 2 139
- e 89 85 0

#### \$GenPl

- f m n
- 3 94 141
- a 86 2 0
- e 89 85 0

## \$DatPl

- f m n
- 3 94 141
- a 86 2 0
- e 89 85 0

## \$AblPl

- f m n
- 3 94 141
- a 86 2 0
- e 89 85 0

# [1] "Trial 40"

## \$NomSg

- f m n
- 89 85 50
- a 86 2 0
- o 3 94 91

# \$AccSg

- f m n
- a 86 2 0
- e 89 85 50
- o 3 94 91

# \$GenSg

- f m n
- a 86 2 0
- e 92 179 141

# \$DatSg

- f m n a 86 2 0
- e 92 179 141

## \$AblSg

- f m n
- a 86 2 0
- e 89 85 50
- o 3 94 91

#### \$NomPl

f m n - 0 1 2

46

- a 86 55 139
- as 0 1 0
- e 3 40 0
- es 89 84 0

## \$AccPl

- f m n
- 0 6 2
- a 86 51 139
- e 3 40
- es 89 84

# \$GenPl

- f m n
- a 86 2 0
- e 92 179 141

#### \$DatP1

- f m n
- a 86 2 0
- e 92 179 141

## \$AblPl

- f m n
- a 86 2 0
- e 92 179 141

# [1] "Trial 41"

# \$NomSg

- f m n
- 89 85 50
- a 86 2 0
- o 3 94 91

# \$AccSg

- f m n
- a 86 2 0
- e 89 85 50
- o 3 94 91

# \$GenSg

- f m n
- 90 0 0 a 86 2 0
- e 2 179 141

## \$DatSg

- f m n
- 90 0 0
- a 86 2 0
- e 2 179 141

# \$AblSg

f m n

- a 86 2 0
- e 89 85 50
- o 3 94 91

## \$NomPl

- f m n
- 92 179 141 a 86 2 0

# \$AccPl

- f m n
- 92 179 141
- a 86 2 0

#### \$GenPl

- f m n
- 92 179 141
- a 86 2 0

#### \$DatPl

- f m n
- 92 179 141
- a 86 2 0

## \$AblPl

- f m n
- 92 179 141
- a 86 2 0

# [1] "Trial 42"

# \$NomSg

- f m n
- 89 85 50
- a 86 2 0
- o 3 94 91

# \$AccSg

- f m n
- 0 0 50
- a 86 2 0
- e 89 85 0
- o 3 94 91

# \$GenSg

- f m n
- as 86 2 0
- es 92 179 141

# \$DatSg

- f m n
   3 9 56
- a 86 2 0
- e 89 170 85

## \$AblSg

f m n
- 0 0 50

a 86 2 0

e 89 85 0

o 3 94 91

## \$NomPl

f m n - 92 179 2 a 86 2 139

#### \$AccPl

a 86 2 139

e 89 85 0

#### \$GenPl

f m n - 89 85 139

a 86 2 0

e 0 0 2

es 0 63 0

s 3 31 0

# \$DatPl

f m n

- 3 94 141

a 86 2 0

e 89 85 0

## \$AblPl

f m n

- 3 94 141

a 86 2 0

e 89 85 0

## [1] "Trial 43"

# \$NomSg

f m n

- 0 0 50

a 86 2 0

e 89 85 0

o 3 94 91

# \$AccSg

f m n

- 0 0 50

a 86 2 0

e 89 85 0

o 3 94 91

# \$GenSg

f m n
- 1 54 139
a 86 2 0
es 89 85 0
o 2 40 2

## \$DatSg

#### \$AblSg

## \$NomPl

f m n a 86 2 139 es 92 179 2

#### \$AccPl

f m n a 86 2 139 e 89 85 0 es 3 94 2

#### \$GenPl

f m n a 86 2 139 es 92 179 2

#### \$DatPl

f m n a 86 2 139 es 92 179 2

## \$AblPl

f m n a 86 2 139 es 92 179 2

[1] "Trial 44"

\$NomSg

f m n - 82 84 50 a 86 2 0 e 7 1 0 o 3 94 91

# \$AccSg

#### \$GenSg

f m n a 86 2 0 e 90 139 139 o 2 40 2

# \$DatSg

f m n a 86 2 0 e 90 139 139 o 2 40 2

#### \$AblSg

# \$NomPl

f m n
- 1 54 138
a 86 2 1
es 89 85 0
o 2 40 2

#### \$AccPl

f m n
- 1 54 90
a 86 2 49
es 89 85 0
o 2 40 2

## \$GenPl

f m n a 86 2 0 e 92 179 141

#### \$DatPl

f m n a 86 2 0 e 92 179 141

## \$AblPl

f m n a 86 2 0

e 90 139 139 o 2 40 2

[1] "Trial 45"

\$NomSg

f m n

- 89 85 50

a 86 2 0

o 3 94 91

# \$AccSg

f m n

- 0 0 50

a 86 2 0

e 89 85 0

o 3 94 91

## \$GenSg

 ${\tt f} \quad {\tt m} \quad {\tt n}$ 

as 86 2 0

s 92 179 141

## \$DatSg

f m n

a 86 2 0

e 89 85 0

s 3 94 141

## \$AblSg

f m n

- 0 0 50

a 86 2 0

e 89 85 0

o 3 94 91

# \$NomPl

f m n

as 86 2 0

s 92 179 141

#### \$AccPl

f m n

as 86 2 0

s 92 179 141

## \$GenPl

f m n

as 86 2 0

s 92 179 141

# \$DatPl

f m n

as 86 2 0

s 92 179 141

#### \$AblPl

f m n as 86 2 0 s 92 179 141

# [1] "Trial 46"

## \$NomSg

f m n - 82 84 50 a 86 2 0 e 7 1 0 o 3 94 91

# \$AccSg

# \$GenSg

f m n a 86 2 0 e 90 139 139 o 2 40 2

# \$DatSg

f m n a 86 2 0 e 90 139 139 o 2 40 2

# \$AblSg

f m n
a 86 0 0
ao 0 2 0
e 89 85 50
o 3 94 91

#### \$NomPl

f m n - 83 138 0 a 93 3 139 o 2 40 2

#### \$AccPl

f m n
- 1 54 0
a 93 3 139
e 82 84 0
o 2 40 2

#### \$GenPl

f m n - 7 0 131 a 86 2 0 e 85 179 10

## \$DatPl

f m n - 7 0 124 a 86 2 0 e 85 179 17

## \$AblPl

f m n
- 5 0 118
a 86 2 0
e 85 139 21
o 2 40 2

[1] "Trial 47"

\$NomSg

f m n - 0 0 50 a 86 2 0 es 89 85 0 o 3 94 91

## \$AccSg

# \$GenSg

f m n a 86 2 0 e 9 1 50 es 82 84 0 i 1 94 91

# \$DatSg

f m n a 86 2 0 e 90 85 50 i 2 94 91

## \$AblSg

\$NomPl

- f m n
   3 94 141
  a 86 2 0
- es 89 85 0

# \$AccPl

- f m n - 3 94 141
- a 86 2 0
- e 2 0 0
- es 87 85 0

#### \$GenPl

- a 86 2 0
- e 91 179 141

## \$DatPl

- f m n a 86 2 0
- e 92 179 141

#### \$AblPl

- f m n
- 3 94 141
- a 86 2 0
- e 26 3 0
- es 63 82 0

## [1] "Trial 48"

# \$NomSg

- f m n
- 82 84 50
- a 86 2 0
- e 7 1 0
- o 1 54 89
- os 2 40 2

## \$AccSg

- f m n
- a 86 2 0
- e 89 85 50
- o 3 94 91

# \$GenSg

- f m n
- as 86 2 0
- e 90 139 139
- os 2 40 2

# \$DatSg

f m n as 86 2 0

e 90 139 139 os 2 40 2

# \$AblSg

f m n
a 86 2 0
e 89 85 50
o 1 54 89
os 2 40 2

## \$NomPl

#### \$AccPl

f m n
as 86 2 139
e 1 139 0
es 89 0 0
os 2 40 2

#### \$GenPl

f m n as 86 2 0 e 92 179 141

## \$DatPl

#### \$AblPl

f m n
as 86 2 0
e 90 139 0
es 0 0 139
os 2 40 2

[1] "Trial 49"

\$NomSg

f m n - 89 85 50 a 86 2 0 o 3 94 91

## \$AccSg

f m n a 86 2 0 e 89 85 50 o 3 94 91

# \$GenSg

f m n a 86 2 0 e 1 54 89 es 89 85 50 o 2 40 2

# \$DatSg

f m n a 86 2 0 e 0 0 1 es 89 85 49 o 3 94 91

# \$AblSg

f m n a 86 2 0 e 89 85 50 o 3 94 91

#### \$NomPl

 ${\tt f} \quad {\tt m} \quad {\tt n}$ a 86 2 e 2 40 2 es 90 139 139

# \$AccPl

f m n a 86 2 0 e 1 54 89 es 89 85 50 o 2 40 2

# \$GenPl

f m n ao 86 2 0 o 92 179 141

# \$DatPl

f m n ao 86 2 0 o 92 179 141

## \$AblPl

f m a 86 2 0 e 0 40 2 es 92 139 139

[1] "Trial 50"

\$NomSg

f m n - 83 85 50

- a 86 2 0
- e 6 0 0
- o 3 94 91

## \$AccSg

- f m n
- 0 0 50
- a 86 2 0
- e 89 85 0
- o 3 94 91

# \$GenSg

- f m n
- a 86 2 0
- e 92 179 141

# \$DatSg

- ${\tt f} \quad {\tt m} \quad {\tt n}$
- a 86 2 0
- e 92 179 141

## \$AblSg

- f m n
- 0 0 22
- a 86 2 0
- e 89 85 28
- o 3 94 91

# \$NomPl

- f m n
- a 176 141 139
- e 2 40 2

# \$AccPl

- f m n 0 33 0
- a 87 2 139
- e 91 146 2

# \$GenPl

- f m n
- 90 124 139
- a 86 2 0 e 2 55 2

## \$DatPl

- f m n
- 0 0 105
- a 86 2 0
- e 92 179 36

## \$AblPl

- f m n a 86 2 0

#### e 92 179 141

- [1] "Percentage of trials where all plurals end in /s/ 1"  $\,$
- [1] "Percentage of trials where Nom and Acc plurals end in /s/ 1"
- [1] "Percentage of trials where all plurals end in /s/ 1"
- [1] "Percentage of trials where Nom and Acc plurals end in /s/ 1"
- [1] "Percentage of trials where Nom.Sg and Acc.Sg end up the same 0.08"
- [1] "Percentage of trials where Abl.Sg and Acc.Sg end up the same 0.48"
- [1] "Percentage of trials where Nom.Sg, Acc.Sg, and Abl.Sg end up the same 0.06"
- [1] "Percentage of trials where Nom.Pl and Acc.Pl end up the same 0.12"
- [1] "Percentage of trials where Abl.Pl and Acc.Pl end up the same 0.16"
- [1] "Percentage of trials where Nom.Pl, Acc.Pl, and Abl.Pl end up the same 0.06"
- [1] "Percentage of trials where Gen.Sg and Dat.Sg end up the same 0.34"
- [1] "Percentage of trials where Gen.Pl and Dat.Pl end up the same 0.44"
- [1] "Percentage of trials where all singulars end up the same 0"
- [1] "Percentage of trials where all plurals end up the same 0"
- [1] "Percentage of trials where all forms end up the same 0"