

# NoSoundChange

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```
[1] "No Sound Change, TokFreqF"
```

```
[1] "Trial 1"
```

```
$NomSg
```

```
  f m n
-  1 66 50
a 86  2  0
e 89 31  0
o  2 82 91
```

```
$AccSg
```

```
  f m n
-  1 66 50
a 86  2  0
e 89 31  0
o  2 82 91
```

```
$GenSg
```

```
  f m n
-   2 41 89
a 86  2  0
e 90 85 50
es  0 13  0
o   0 40  2
```

```
$DatSg
```

```
  f m n
-   2 41 89
a 86  2  0
e 90 98 50
o   0 40  2
```

```
$AblSg
```

```
  f m n
-   2 41 89
a 86  2  0
e 90 87 50
es  0 11  0
o   0 40  2
```

```
$NomPl
```

```
  f m n
as 86  2  0
es 90 98 50
os  0 40  2
s   2 41 89
```

```

$AccPl
      f  m  n
-   2 41 89
a  86  2  0
e  90 85 50
es  0 13  0
o   0 40  2

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

$DatPl
      f  m  n
-   0 40  2
a  86  2  0
e  91 117 139
es  1 22  0

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

[1] "Trial 2"
$NomSg
      f  m  n
a 86  2  0
e 89 85 50
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  
a 86 2 0  
e 89 85 50  
o 3 94 91

\$AccPl

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

\$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 89 85 50  
o 3 94 91

[1] "Trial 3"

\$NomSg

f m n  
a 93 3 0  
e 82 84 50  
o 3 94 91

\$AccSg

f m n  
a 93 3 0  
e 82 84 50  
o 3 94 91

\$GenSg

f m n  
a 93 3 0  
e 82 84 50  
o 3 93 91

\$DatSg

f m n  
a 93 3 0  
e 82 84 50  
o 3 94 91

```

$AblSg
    f m n
a 93 3 0
e 82 84 50
o 3 94 91

$NomPl
    f m n
as 93 3 0
es 82 84 50
s 3 94 91

$AccPl
    f m n
as 93 3 0
es 82 84 50
s 3 94 91

$GenPl
    f m n
as 93 3 0
es 82 84 50
s 3 94 91

$DatPl
    f m n
as 93 3 0
es 82 84 50
s 3 94 91

$AblPl
    f m n
as 93 3 0
es 82 84 50
s 3 94 91

[1] "Trial 4"
$NomSg
    f m n
- 89 87 50
a 86 0 0
o 3 94 91

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

$GenSg
    f m n
as 86 0 0
s 92 181 141

```

```

$DatSg
      f m n
as 86  0  0
es 89 85 50
s   3 96 91

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

$NomPl
      f m n
as 86  0  0
s  92 181 141

$AccPl
      f m n
as 86  0  0
es 89 85 50
s   3 96 91

$GenPl
      f m n
as 86  0  0
s  92 181 141

$DatPl
      f m n
as 86  0  0
s  92 181 141

$AblPl
      f m n
as 86  0  0
es 36 73 50
s  56 108 91

[1] "Trial 5"
$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
- 3 94 141
a 86 2 0
e 89 85 0

$DatSg
  f m n
- 1 66 91
a 86 2 0
e 91 113 50

$AblSg
  f m n
- 1 47 50
a 86 2 0
e 89 38 0
o 2 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 6"
$NomSg
  f m n
- 1 84 50
a 86 2 0
e 89 1 0
o 2 94 91

$AccSg
  f m n

```

- 1 84 50  
a 86 2 0  
e 89 1 0  
o 2 94 91

\$GenSg

f m n  
- 0 54 89  
a 86 2 0  
e 92 85 50  
o 0 40 2

\$DatSg

f m n  
- 0 54 89  
a 86 2 0  
e 92 85 50  
o 0 40 2

\$AblSg

f m n  
- 0 54 89  
a 86 2 0  
e 92 85 50  
o 0 40 2

\$NomPl

f m n  
- 0 54 89  
e 3 0 50  
es 175 87 0  
o 0 40 2

\$AccPl

f m n  
- 0 54 89  
e 3 0 50  
es 175 87 0  
o 0 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 92 179 141

[1] "Trial 7"

\$NomSg

	f	m	n
a	93	3	0
e	82	84	50
o	0	94	91

\$AccSg

	f	m	n
a	93	3	0
e	82	84	50
o	0	94	91

\$GenSg

	f	m	n
es	165	181	141
s	13	0	0

\$DatSg

	f	m	n
es	145	181	141
s	33	0	0

\$AblSg

	f	m	n
a	93	3	0
e	82	84	50
o	0	94	91

\$NomPl

	f	m	n
-	3	94	91
a	93	3	0
e	82	84	50

\$AccPl

	f	m	n
-	3	94	91
a	93	3	0
e	82	84	50

\$GenPl

	f	m	n
es	175	181	141

\$DatPl

	f	m	n
es	154	181	141
s	24	0	0

\$AblPl

	f	m	n
-	3	94	91



a 93 3 0  
e 82 84 50

[1] "Trial 8"

\$NomSg

f m n  
- 0 84 50  
a 86 2 0  
o 0 94 91  
s 92 1 0

\$AccSg

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

\$GenSg

f m n  
a 86 2 0  
o 0 94 91  
s 92 85 50

\$DatSg

f m n  
- 0 85 50  
a 86 2 0  
o 0 94 91  
s 90 0 0

\$AblSg

f m n  
a 86 2 0  
e 82 84 50  
o 0 94 91  
s 10 1 0

\$NomPl

f m n  
a 86 2 0  
s 92 179 141

\$AccPl

f m n  
a 86 2 0  
e 0 84 50  
es 82 0 0  
s 10 95 91

\$GenPl

f m n  
a 86 2 0  
s 92 179 141

```
$DatPl
  f   m   n
a 86   2   0
s 92 179 141
```

```
$AblPl
  f   m   n
a 86   2   0
e   0   2 12
es 82 82 38
s  10 95 91
```

```
[1] "Trial 9"
$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
s 178 181 141
```

```
$DatSg
  f   m   n
- 86   2   0
e 89 85 50
s   3 94 91
```

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

```
$NomPl
  f   m   n
as 86   2   0
s  92 179 141
```

```
$AccPl
  f   m   n
a 86   2   0
e 89 85 50
s   3 94 91
```

```
$GenPl
```

f m n  
s 178 181 141

\$DatPl  
f m n  
s 178 181 141

\$AblPl  
f m n  
as 86 2 0  
s 92 179 141

[1] "Trial 10"  
\$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  
- 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  
f m n  
- 3 94 141  
a 86 2 0  
e 89 85 0

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

\$AccPl  
f m n  
- 3 94 141

```
a 86 2 0
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 11"

\$NomSg

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

\$AccSg

```
    f m n
- 0 0 50
a 86 2 0
e 85 84 0
o 3 94 91
```

\$GenSg

```
    f m n
es 176 141 139
o 2 40 2
```

\$DatSg

```
    f m n
e 20 0 0
es 156 141 139
o 2 40 2
```

\$AblSg

```
    f m n
- 0 0 50
a 86 2 0
e 82 84 0
es 7 1 0
```

o 3 94 91

\$NomPl

	f	m	n
as 43	0	0	
es 90	139	139	
o 2	40	2	
s 43	2	0	

\$AccPl

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

\$GenPl

	f	m	n
es 178	181	141	

\$DatPl

	f	m	n
es 178	181	141	

\$AblPl

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

[1] "Trial 12"

\$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
as 86	2	0	
es 89	85	0	
s 3	94	141	

\$DatSg

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

\$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 13"

\$NomSg

f m n  
- 2 0 50  
a 86 2 0  
e 89 84 0  
o 1 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 0 50
a 86 2 0
e 89 84 0
o 1 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
- 3 94 141
a 86 2 0
e 89 85 0
```

```
$NomPl
  f m n
- 0 0 50
a 86 2 0
e 89 84 0
s 3 94 91
```

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

```
$GenPl
  f m n
- 0 0 50
a 86 2 0
e 89 85 0
s 3 94 91
```

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

```
$AblPl
  f m n
- 1 0 50
a 86 2 0
e 89 85 0
s 1 94 91
```

```
[1] "Trial 14"
```

\$NomSg

	f	m	n
a	86	2	0
e	89	85	50
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
a	86	2	0
e	92	179	141

\$AccPl

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

\$GenPl

	f	m	n
a	86	2	0
e	92	179	141

\$DatPl

	f	m	n
a	86	2	0
e	91	179	141

\$AblPl

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



[1] "Trial 15"

\$NomSg

	f	m	n
-	89	87	50
a	86	0	0
o	3	94	91

\$AccSg

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

\$GenSg

	f	m	n
-	92	181	141
a	6	0	0
as	80	0	0

\$DatSg

	f	m	n
-	92	181	141
a	86	0	0

\$AblSg

	f	m	n
-	7	3	50
a	85	0	0
e	82	84	0
o	3	94	91

\$NomPl

	f	m	n
-	91	181	141
as	86	0	0

\$AccPl

	f	m	n
-	10	97	141
a	86	0	0
e	82	84	0

\$GenPl

	f	m	n
-	91	181	141
as	86	0	0

\$DatPl

	f	m	n
-	92	181	141
as	86	0	0

```

$AblPl
      f   m   n
- 84 176 141
as 86   0   0
e   7   5   0

```

```

[1] "Trial 16"
$NomSg
      f   m   n
-   1 84 50
a 86   2   0
e 89   1   0
o   2 94 91

```

```

$AccSg
      f   m   n
-   1 84 50
a 86   2   0
e 89   1   0
o   2 94 91

```

```

$GenSg
      f   m   n
-   2 54 89
a 86   2   0
e 90 85 50
o   0 40   2

```

```

$DatSg
      f   m   n
-   2 54 89
a 86   2   0
e 90 85 50
o   0 40   2

```

```

$AblSg
      f   m   n
-   2 54 89
a 86   2   0
e 90 85 50
o   0 40   2

```

```

$NomPl
      f   m   n
-   2 54 89
a 86   2   0
e 90 85 50
o   0 40   2

```

```

$AccPl
      f   m   n
-   2 54 89
a 86   2   0
e 90 85 50

```

o 0 40 2

\$GenPl

f m n  
- 0 40 2  
a 86 2 0  
e 92 139 139

\$DatPl

f m n  
- 0 40 2  
a 86 2 0  
e 92 139 139

\$AblPl

f m n  
- 0 40 2  
a 86 2 0  
e 92 139 139

[1] "Trial 17"

\$NomSg

f m n  
- 90 86 50  
a 85 1 0  
o 3 94 91

\$AccSg

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

\$GenSg

f m n  
es 178 181 141

\$DatSg

f m n  
es 178 181 141

\$AblSg

f m n  
- 86 113 56  
a 86 2 0  
e 6 21 6  
o 0 45 79

\$NomPl

f m n  
es 177 127 52  
s 1 54 89

\$AccPl

f m n  
- 3 89 91  
e 175 92 50

\$GenPl  
f m n  
es 178 181 141

\$DatPl  
f m n  
es 178 181 141

\$AblPl  
f m n  
es 177 127 52  
s 1 54 89

[1] "Trial 18"  
\$NomSg  
f m n  
- 92 179 141  
a 86 2 0

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

\$GenSg  
f m n  
- 92 179 141  
a 86 2 0

\$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  
- 92 179 141  
a 86 2 0

\$AccPl  
f m n  
- 3 94 91

a 86 2 0  
e 81 63 30  
es 8 22 20

\$GenPl  
f m n  
- 92 179 141  
a 86 2 0

\$DatPl  
f m n  
- 3 94 91  
a 86 2 0  
e 88 81 44  
es 1 4 6

\$AblPl  
f m n  
- 9 94 91  
a 86 2 0  
e 77 78 40  
es 5 7 10

[1] "Trial 19"  
\$NomSg  
f m n  
- 92 87 50  
a 86 0 0  
o 0 94 91

\$AccSg  
f m n  
- 92 87 50  
a 86 0 0  
o 0 94 91

\$GenSg  
f m n  
- 92 181 141  
a 86 0 0

\$DatSg  
f m n  
- 92 181 141  
a 86 0 0

\$AblSg  
f m n  
- 92 87 50  
a 86 0 0  
o 0 94 91

\$NomPl  
f m n

```
- 92 181 141
a 86 0 0
```

\$AccPl

```
  f m n
- 92 181 141
a 86 0 0
```

\$GenPl

```
  f m n
- 92 181 141
a 86 0 0
```

\$DatPl

```
  f m n
- 92 181 141
a 86 0 0
```

\$AblPl

```
  f m n
- 92 181 141
a 86 0 0
```

[1] "Trial 20"

\$NomSg

```
  f m n
- 92 85 50
a 86 2 0
o 0 94 91
```

\$AccSg

```
  f m n
- 92 85 50
a 86 2 0
o 0 94 91
```

\$GenSg

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

\$DatSg

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

\$AblSg

```
  f m n
- 92 85 50
a 86 2 0
o 0 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 21"  
\$NomSg  
f m n  
- 82 84 50  
a 86 2 0  
o 3 94 91  
s 7 1 0

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

\$GenSg  
f m n  
as 86 2 0  
s 92 179 141

\$DatSg  
f m n  
as 86 2 0  
es 82 84 50  
s 10 95 91

\$AblSg  
f m n  
a 86 2 0  
e 82 84 50  
o 3 94 91

s 7 1 0

\$NomPl

f m n  
as 86 2 0  
s 92 179 141

\$AccPl

f m n  
as 86 2 0  
es 82 84 50  
s 10 95 91

\$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 82 84 50  
s 10 95 91

[1] "Trial 22"

\$NomSg

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

\$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  
s 92 179 141

\$DatSg

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



\$AblSg

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

\$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	88	85	0
s	3	94	141

[1] "Trial 23"

\$NomSg

	f	m	n
a	86	2	0
e	89	83	49
o	3	94	91

\$AccSg

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

\$GenSg

	f	m	n
a	86	2	0
e	90	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  0 94 91
```

```
$NomPl
      f   m   n
as 86    2    0
es 89 85 50
os  0 81 52
s   3 13 39
```

```
$AccPl
      f   m   n
a 86    2    0
e 89 85 50
o  0 94 87
```

```
$GenPl
      f   m   n
as 86    2    0
es 89 179 141
```

```
$DatPl
      f   m   n
a 86    2    0
e 92 179 141
```

```
$AblPl
      f   m   n
as 86    2    0
es 89 85 50
os  0  8  0
s   3 86 91
```

```
[1] "Trial 24"
```

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

\$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  
- 1 94 91  
a 86 2 0  
e 91 85 50

\$AccPl  
f m n  
- 1 94 91  
a 86 2 0  
e 91 85 50

\$GenPl  
f m n  
- 1 94 91  
a 86 2 0  
e 91 85 50

\$DatPl  
f m n  
- 1 94 91  
a 86 2 0  
e 91 85 50

\$AblPl  
f m n  
- 1 94 91  
a 86 2 0  
e 91 85 50

[1] "Trial 25"  
\$NomSg  
f m n  
a 86 0 0  
e 89 87 50  
o 3 94 91

\$AccSg

	f	m	n
a	86	0	0
e	89	87	50
o	3	94	91

\$GenSg

	f	m	n
as	86	0	0
es	89	87	50
s	3	94	91

\$DatSg

	f	m	n
-	3	22	84
a	86	0	0
e	89	87	50
o	0	72	7

\$AblSg

	f	m	n
a	86	0	0
e	89	87	50
o	3	94	91

\$NomPl

	f	m	n
as	86	0	0
es	89	87	50
s	3	94	91

\$AccPl

	f	m	n
as	86	0	0
es	89	87	50
s	3	94	91

\$GenPl

	f	m	n
as	86	0	0
es	91	142	73
s	1	39	68

\$DatPl

	f	m	n
as	86	0	0
es	91	87	50
s	1	94	91

\$AblPl

	f	m	n
as	86	0	0
es	89	87	50

```

s    3 94 91

[1] "Trial 26"
$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
- 86  2  0
e 92 179 141

$DatSg
      f  m  n
- 86  2  0
e 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
-   0  0 50
es 175 87  0
o   3 94 91

$AccPl
      f  m  n
-   0  0 50
es 175 87  0
o   3 94 91

$GenPl
      f  m  n
- 86  2  0
e 92 179 141

$DatPl
      f  m  n
- 86  2  0

```

e 92 179 141

\$AblPl

f m n  
- 0 0 50  
es 175 87 0  
o 3 94 91

[1] "Trial 27"

\$NomSg

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

\$AccPl

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

\$GenPl

f m n  
as 86 2 0

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

[1] "Trial 28"

\$NomSg

f m n  
- 92 85 50  
a 86 2 0  
o 0 94 91

\$AccSg

f m n  
- 10 1 50  
a 86 2 0  
e 82 84 0  
o 0 94 91

\$GenSg

f m n  
- 178 181 141

\$DatSg

f m n  
- 96 97 141  
e 82 84 0

\$AblSg

f m n  
- 96 97 141  
e 82 84 0

\$NomPl

f m n  
- 92 179 141  
a 86 2 0

\$AccPl

f m n  
- 10 95 141  
a 86 2 0  
e 82 84 0

\$GenPl  
f m n  
- 178 181 141

\$DatPl  
f m n  
- 96 97 141  
e 82 84 0

\$AblPl  
f m n  
- 96 97 141  
e 82 84 0

[1] "Trial 29"

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

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

\$GenSg  
f m n  
- 86 2 0  
e 92 179 141

\$DatSg  
f m n  
- 86 2 0  
e 92 179 141

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

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

\$AccPl



```

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

```

\$GenPl

```

      f   m   n
- 86   2   0
e 92 179 141

```

\$DatPl

```

      f   m   n
- 86   2   0
e 92 179 141

```

\$AblPl

```

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

```

[1] "Trial 30"

\$NomSg

```

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

```

\$AccSg

```

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

```

\$GenSg

```

      f   m   n
- 89 96 141
e 89 85   0

```

\$DatSg

```

      f   m   n
- 89 96 141
e 89 85   0

```

\$AblSg

```

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

```

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

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

```
$GenPl
  f m n
- 89 96 141
e 89 85 0
```

```
$DatPl
  f m n
- 89 96 141
e 89 85 0
```

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

```
[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
- 88 85 50
a 86 2 0
o 3 94 91
```

```
$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
- 2 6 0
a 86 2 0
e 89 79 50
o 1 94 91

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

$GenPl
  f m n
a 86 2 0
e 89 85 50
o 1 94 91

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

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

[1] "Trial 32"
$NomSg
  f m n
- 1 0 50
a 86 2 0
e 89 85 0
o 2 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

```

```

- 1 54 139
a 86 2 0
e 89 85 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
- 3 54 139
a 86 2 0
e 89 85 0
o 0 40 2

```

\$NomPl

```

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

```

\$AccPl

```

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

```

\$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 33"

\$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  
as 86 2 0  
s 92 179 141

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

\$GenPl

f m n  
as 6 1 0  
s 172 180 141

\$DatPl

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

\$AblPl

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

[1] "Trial 34"

\$NomSg

	f	m	n
-	89	87	50
a	86	0	0
o	3	94	91

\$AccSg

	f	m	n
-	69	83	50
a	86	0	0
e	20	4	0
o	3	94	91

\$GenSg

	f	m	n
-	92	181	141
a	86	0	0

\$DatSg

	f	m	n
-	92	181	141
a	86	0	0

\$AblSg

	f	m	n
-	89	87	50
a	86	0	0
o	3	94	91

\$NomPl

	f	m	n
-	91	181	141
as	86	0	0

\$AccPl

	f	m	n
-	92	181	141
as	86	0	0

\$GenPl

	f	m	n
-	92	181	141
as	86	0	0

\$DatPl

	f	m	n
-	92	181	141
as	86	0	0

\$AblPl

	f	m	n
-	91	181	141

as 86 0 0

[1] "Trial 35"

\$NomSg

f m n  
- 89 87 50  
a 86 0 0  
o 3 94 91

\$AccSg

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

\$GenSg

f m n  
as 86 0 0  
s 92 181 141

\$DatSg

f m n  
as 86 0 0  
s 92 181 141

\$AblSg

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

\$NomPl

f m n  
as 86 0 0  
s 92 181 141

\$AccPl

f m n  
as 86 0 0  
es 89 85 0  
s 3 96 141

\$GenPl

f m n  
as 86 0 0  
s 92 181 141

\$DatPl

f m n  
as 86 0 0  
s 92 181 141

```

$AblPl
      f  m  n
as 86  0  0
es 89 85  0
s   3 96 141

[1] "Trial 36"
$NomSg
      f  m  n
-  90 137 139
a   86  2  0
os  2  40  0

$AccSg
      f  m  n
-  90 139 141
a   86  2  0
o   2  40  0

$GenSg
      f  m  n
-  90 137 139
a   86  2  0
os  2  40  0

$DatSg
      f  m  n
-  90 139 141
a   86  2  0
o   2  40  0

$AblSg
      f  m  n
-  11 47 89
a   86  2  0
e   79 84 50
os  2  40  0
s    0  8  0

$NomPl
      f  m  n
as 86  2  0
os  2  40  2
s  90 139 139

$AccPl
      f  m  n
-  89 82 139
a   86  2  0
os  2  40  2
s    1 57  0

$GenPl
      f  m  n

```



```
as 86 2 0
os 2 40 2
s 90 139 139
```

\$DatPl

```
    f m n
- 89 72 139
a 86 2 0
os 2 40 2
s 1 67 0
```

\$AblPl

```
    f m n
as 86 2 0
es 77 84 50
os 2 40 2
s 13 55 89
```

[1] "Trial 37"

\$NomSg

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

\$AccSg

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

\$GenSg

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

\$DatSg

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

\$AblSg

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

```

$NomPl
      f  m  n
as 86  2  0
es 82 84  0
s  10 95 141

$AccPl
      f  m  n
as 86  2  0
es 82 84  0
s  10 95 141

$GenPl
      f  m  n
as 86  2  0
es 82 84  0
s  10 95 141

$DatPl
      f  m  n
as 86  2  0
es 82 84  0
s  10 95 141

$AblPl
      f  m  n
as 86  2  0
es 82 84  0
s  10 95 141

[1] "Trial 38"
$NomSg
      f  m  n
-  0  1 50
a 86  1  0
e 89 85  0
o  3 94 91

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

$GenSg
      f  m  n
-  3 95 141
a 86  1  0
e 89 85  0

$DatSg
      f  m  n
-  3 95 141

```

a 86 1 0  
e 89 85 0

\$AblSg

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

\$NomPl

f m n  
- 3 95 141  
a 86 1 0  
e 89 85 0

\$AccPl

f m n  
- 3 95 141  
a 86 1 0  
e 89 85 0

\$GenPl

f m n  
- 3 96 141  
a 86 0 0  
e 89 85 0

\$DatPl

f m n  
- 3 96 141  
a 86 0 0  
e 89 85 0

\$AblPl

f m n  
- 3 96 141  
a 86 0 0  
e 89 85 0

[1] "Trial 39"

\$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
- 175 87 50
o 3 94 91

$DatSg
  f m n
- 175 87 50
o 3 94 91

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

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

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

$GenPl
  f m n
- 178 181 141

$DatPl
  f m n
- 178 181 141

$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
- 89 85 50
a 86 2 0

```

o 3 94 91

\$GenSg

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

\$DatSg

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

\$AblSg

f m n  
- 92 179 141  
a 86 2 0

\$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 41"

\$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  
as 86 2 0  
o 3 94 91  
s 89 85 50

\$DatSg

f m n  
- 89 85 50  
a 86 2 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  
es 178 181 141

\$AccPl

f m n  
es 175 87 50  
o 3 93 91

\$GenPl

f m n  
es 178 181 141

\$DatPl

f m n  
es 178 181 139

\$AblPl

f m n  
es 178 181 141

[1] "Trial 42"

\$NomSg

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

\$AccSg

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

\$GenSg

	f	m	n
as	86	2	0
s	92	179	141

\$DatSg

	f	m	n
a	86	2	0
e	82	84	0
s	10	95	141

\$AblSg

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

\$NomPl

	f	m	n
as	86	2	0
s	92	179	141

\$AccPl

	f	m	n
a	86	2	0
e	82	84	0
s	10	95	141

\$GenPl

	f	m	n
as	86	2	0
s	92	179	141

\$DatPl

	f	m	n
a	85	1	0
s	92	179	141

\$AblPl

	f	m	n
-	26	29	0
a	75	1	0
as	11	1	0
s	66	150	141

[1] "Trial 43"

\$NomSg

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

\$AccSg

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

\$GenSg

f m n  
- 86 2 0  
e 92 179 141

\$DatSg

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

\$AccPl

f m n  
a 86 2 0  
e 92 179 141

\$GenPl

f m n  
- 86 2 0  
e 92 179 141

\$DatPl

f m n  
- 86 2 0  
e 92 179 141

\$AblPl

f m n  
a 86 2 0  
e 92 179 141

[1] "Trial 44"

\$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  
s 92 179 141

\$DatSg

f m n  
a 86 2 0  
e 87 85 50  
s 3 94 91

\$AblSg

f m n  
a 86 2 0  
e 87 85 50  
o 3 94 91

\$NomPl

f m n  
a 86 2 0  
s 92 179 141

\$AccPl

f m n  
a 86 2 0  
s 92 179 141

\$GenPl

f m n  
a 86 2 0  
s 92 179 141

\$DatPl

f m n  
a 86 2 0  
s 92 179 141

\$AblPl

f m n  
a 86 2 0  
s 92 179 141

[1] "Trial 45"

\$NomSg  
 f m n  
 - 92 85 50  
 a 86 2 0  
 o 0 94 91

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

\$GenSg  
 f m n  
 - 92 179 141  
 a 86 2 0

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

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

\$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  
 - 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 46"
$NomSg
  f m n
a 86 1 0
e 89 85 51
o 3 94 90

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

$GenSg
  f m n
e 178 181 141

$DatSg
  f m n
e 178 181 141

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

$NomPl
  f m n
- 1 48 89
e 2 40 2
es 175 87 50
s 0 6 0

$AccPl
  f m n
- 0 7 89
e 2 70 47
es 175 57 5
o 1 47 0

$GenPl
  f m n
e 92 181 141
es 86 0 0

$DatPl
  f m n
e 92 181 141
es 86 0 0

```

```

$AblPl
      f m n
-    1 47 89
e    2 40 2
es 175 87 50
s    0 7 0

[1] "Trial 47"
$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
- 89 85 50
a 86 2 0
o 3 94 91

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

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

$GenPl
      f m n
- 89 85 50

```

a 86 2 0  
o 3 94 91

\$DatPl

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

\$AblPl

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

[1] "Trial 48"

\$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  
- 90 126 52  
a 85 2 0  
s 2 53 89

\$DatSg

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

\$AblSg

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

\$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 49"

\$NomSg

f m n  
a 86 2 0  
e 89 85 50  
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 89 179 141

\$DatSg

f m n  
a 86 2 0  
e 89 179 141

\$AblSg

f m n  
- 0 73 89  
a 86 2 0  
e 89 85 50  
o 3 21 2

\$NomPl

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

\$AccPl

f m n  
- 0 94 91  
a 86 2 0  
e 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 89 179 141

[1] "Trial 50"

\$NomSg

f m n  
- 89 87 50  
a 86 0 0  
o 3 94 91

\$AccSg

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

\$GenSg

f m n  
- 175 87 50  
o 3 94 91

\$DatSg

f m n  
- 93 1 50  
e 82 86 0  
o 3 94 91

\$AblSg

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

\$NomPl

f m n

as 86 0 0  
s 92 179 141

\$AccPl

f m n  
as 86 0 0  
es 0 32 0  
s 92 149 141

\$GenPl

f m n  
s 178 181 141

\$DatPl

f m n  
es 6 41 0  
s 172 140 141

\$AblPl

f m n  
as 86 0 0  
es 0 15 0  
s 92 166 141

- [1] "Percentage of trials where all plurals end in /s/ 22 %"
- [1] "Percentage of trials where Nom and Acc plurals end in /s/ 22 %"
- [1] "Percentage of trials where all masculine/feminine plurals end in /s/ 22 %"
- [1] "Percentage of trials where masculine/feminine Nom and Acc plurals end in /s/ 22 %"
- [1] "Percentage of trials where Nom.Sg and Acc.Sg end up the same 58 %"
- [1] "Percentage of trials where Abl.Sg and Acc.Sg end up the same 66 %"
- [1] "Percentage of trials where Nom.Sg, Acc.Sg, and Abl.Sg end up the same 44 %"
- [1] "Percentage of trials where Nom.Pl and Acc.Pl end up the same 52 %"
- [1] "Percentage of trials where Abl.Pl and Acc.Pl end up the same 68 %"
- [1] "Percentage of trials where Nom.Pl, Acc.Pl, and Abl.Pl end up the same 44 %"
- [1] "Percentage of trials where Gen.Sg and Dat.Sg end up the same 58 %"
- [1] "Percentage of trials where Gen.Pl and Dat.Pl end up the same 72 %"
- [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 %"

[1] "I.SG Systems"

I\_sg\_systems

a	a,as	-,a	-,a,s	a,e	a,e,es	a,es	a,es,s
0.56	0.20	0.14	0.02	0.02	0.02	0.02	0.02

[1] "II.SG Systems"

II\_sg\_systems

-,o	o,s	o	e,o	-,o,s	es,o	-,e,es,o	-,e,o
0.34	0.20	0.16	0.14	0.04	0.04	0.02	0.02
-,es,o	-,s						
0.02	0.02						

[1] "III.SG Systems"

III\_sg\_systems

-,e	-,e,s	e	-	-,e,es,s	e,es	-,e,es
0.46	0.16	0.16	0.06	0.06	0.06	0.04

[1] "IV.SG Systems"

IV\_sg\_systems

-,o	o	o,s	e,o	-,e,o	-,es,o	-,o,s	es,o	o,os
0.26	0.26	0.22	0.14	0.04	0.02	0.02	0.02	0.02

[1] "V.SG Systems"

V\_sg\_systems

e	-	-,e	-,e,s	e,es	-,s	-,e,es,s	-,es
0.34	0.18	0.14	0.10	0.06	0.04	0.02	0.02
a	a,s	e,s	es	s			
0.02	0.02	0.02	0.02	0.02			

[1] "I.PL Systems"

I\_pl\_systems

a	as	-,a	a,as	a,as,s	es	-,es
0.38	0.22	0.10	0.10	0.04	0.04	0.02
a,as,es,s	a,es	a,es,s	as,s	e,es		
0.02	0.02	0.02	0.02	0.02		

[1] "II.PL Systems"

II\_pl\_systems

s	-	-,e	e,o	-,s	-,e,es,s
0.30	0.28	0.08	0.06	0.04	0.02
-,e,o,s	-,es	-,es,s	-,o	e	e,es,o,os,s
0.02	0.02	0.02	0.02	0.02	0.02
es	es,o	es,s	o	o,s	
0.02	0.02	0.02	0.02	0.02	

[1] "III.PL Systems"

III\_pl\_systems

- ,e	e	e,es	es,s	es	-	s	- ,e,es	e,es,s	e,s
0.24	0.12	0.12	0.12	0.10	0.08	0.06	0.04	0.04	0.04
- ,e,s	- ,es,s								
0.02	0.02								

[1] "IV.PL Systems"

IV\_pl\_systems

s	-	e,o	- ,o	e	es,o
0.30	0.26	0.08	0.06	0.06	0.04
- ,e	- ,e,es	- ,es	- ,o,os,s	- ,s e,es,o,os,s	
0.02	0.02	0.02	0.02	0.02	0.02
es,s	o	o,s	os		
0.02	0.02	0.02	0.02		

[1] "V.PL Systems"

V\_pl\_systems

e	s	-	e,es	es	- ,e	e,s	es,s	- ,s a,es,s
0.26	0.16	0.12	0.12	0.10	0.08	0.04	0.04	0.02 0.02
as e,es,s								
0.02	0.02							