Stats results: monoling fixed spillover

2 spillover words are included in the model for all the seven languages

English

- Anova(control, linear): **+, p<0.001**

- Anova(linear, nonlinear): **+, p=0.01318**

- Summary of the nonlinear model:

```
Fixed effects:
              Estimate Std. Error t value
(Intercept) 244.151061   8.086715  30.192
logp.s        -8.693110   1.009168  -8.614
logp1.s       -2.844256   0.666401  -4.268
logp2.s       -0.857243   0.561687  -1.526
logfreq.s     -9.512255   1.666513  -5.708
logfreq1.s    -3.492321   0.881311  -3.963
logfreq2.s    -0.709239   0.481262  -1.474
wlen.s        20.617171   3.078392   6.697
wlen1.s        0.025873   0.562713   0.046
wlen2.s        0.005639   0.470640   0.012
I(logp.s^2)    2.639053   0.669196   3.944
I(logp1.s^2)   0.388611   0.198514   1.958
I(logp2.s^2)   0.005299   0.181471   0.029
```

Danish

- Anova(control, linear): **+, p=0.003632**

- Anova(linear, nonlinear): **+, p<0.001**

- Summary of the nonlinear model:

```
Fixed effects:
             Estimate Std. Error t value
(Intercept)  263.14638    7.60003  34.624
logp.s        -7.67268    1.28594  -5.967
logp1.s       -0.61619    1.00045  -0.616
logp2.s        0.81465    0.72893   1.118
logfreq.s    -11.02432    1.31577  -8.379
logfreq1.s    -1.99610    0.76950  -2.594
logfreq2.s    -3.43209    0.66338  -5.174
wlen.s        31.67847    2.43088  13.032
wlen1.s        1.83146    1.02481   1.787
wlen2.s        2.25590    0.56811   3.971
I(logp.s^2)    5.49109    0.72411   7.583
I(logp1.s^2)  -0.08872    0.15670  -0.566
I(logp2.s^2)   0.13913    0.14540   0.957
```

Dutch

- Anova(control, linear): **+, p=0.01577**

- Anova(linear, nonlinear): **+, p<0.001**

- Summary of the nonlinear model:

```
Fixed effects:
             Estimate Std. Error t value
(Intercept)  204.41803    5.07541  40.276
logp.s        -2.71913    0.54324  -5.005
logp1.s       -3.64292    0.61735  -5.901
logp2.s        0.28222    0.41564   0.679
logfreq.s     -3.88064    0.79851  -4.860
logfreq1.s     2.35593    0.66951   3.519
logfreq2.s    -0.78823    0.62303  -1.265
wlen.s         0.74709    0.74414   1.004
wlen1.s       -1.51189    0.64945  -2.328
wlen2.s        1.97405    0.40251   4.904
I(logp.s^2)    0.16466    0.20164   0.817
I(logp1.s^2)  -0.35677    0.10718  -3.329
I(logp2.s^2)   0.06801    0.10613   0.641
```

Russian

- Anova(control, linear): **+, p<0.001**

- Anova(linear, nonlinear): **+, p=0.02613**

- Summary of the nonlinear model:

```
Fixed effects:
             Estimate Std. Error t value
(Intercept) 252.17291    4.08192  61.778
logp.s       -8.36346    1.10689  -7.556
logp1.s       2.05552    0.99384   2.068
logp2.s       1.15935    1.03857   1.116
logfreq.s   -10.21144    1.21544  -8.401
logfreq1.s   -1.80406    1.22921  -1.468
logfreq2.s   -5.08903    1.23911  -4.107
wlen.s       17.55907    2.09547   8.380
wlen1.s      -2.62540    1.21714  -2.157
wlen2.s      -0.42737    1.05358  -0.406
I(logp.s^2)   2.26992    0.78684   2.885
I(logp1.s^2)  0.69165    0.55739   1.241
I(logp2.s^2) -0.07656    0.57849  -0.132
```

German

- Anova(control, linear): **+, p<0.001**

- Anova(linear, nonlinear): **+, p<0.001**

- Summary of the nonlinear model:

```
Fixed effects:
            Estimate Std. Error t value
(Intercept) 211.2012     1.9574 107.899
logp.s      -13.1609     0.7302 -18.024
logp1.s       1.1384     0.7417   1.535
logp2.s       2.8852     0.7339   3.931
logfreq.s     0.3064     0.8621   0.355
logfreq1.s   -7.1561     0.8991  -7.960
logfreq2.s   -6.8821     0.7682  -8.959
wlen.s       -3.1604     0.7506  -4.210
wlen1.s       2.6970     0.5915   4.560
wlen2.s      -0.4753     0.5745  -0.827
```

```
I(logp.s^2)    3.0079    0.4726   6.365
I(logp1.s^2)  -0.2798    0.3465  -0.807
I(logp2.s^2)   0.1867    0.1626   1.148
```

Japanese

- Anova(control, linear): **+, p<0.001**

- Anova(linear, nonlinear): **+, p=0.008667**

- Summary of the nonlinear model:

```
Fixed effects:
            Estimate Std. Error t value
(Intercept)  353.524     29.556  11.961
logp.s       -75.637     14.779  -5.118
logp1.s       16.519      5.695   2.901
logp2.s      -11.151      5.280  -2.112
logfreq.s    -25.619      4.724  -5.424
logfreq1.s    -7.289      3.321  -2.195
logfreq2.s     5.023      2.814   1.785
wlen.s       138.265     12.876  10.738
wlen1.s        4.723      4.023   1.174
wlen2.s        3.626      4.136   0.877
I(logp.s^2)   14.420     12.906   1.117
I(logp1.s^2)   4.100      1.758   2.333
I(logp2.s^2)  -4.151      1.815  -2.287
```

Chinese

- Anova(control, linear): ns, p=0.05828

- Anova(linear, nonlinear): ns, p=0.4237

- Summary of the nonlinear model:

```
Fixed effects:
             Estimate Std. Error t value
(Intercept)  2.535e+02  5.460e+00  46.437
logp.s       3.657e-02  1.917e+00   0.019
```

```
logp1.s        6.660e-02  1.339e+00   0.050
logp2.s        2.890e+00  1.211e+00   2.386
logfreq.s     -1.545e+01  2.094e+00  -7.379
logfreq1.s    -1.457e-01  1.804e+00  -0.081
logfreq2.s    -2.138e+00  1.677e+00  -1.275
wlen.s         1.626e+01  1.851e+00   8.783
wlen1.s       -1.161e+00  1.661e+00  -0.699
wlen2.s       -6.014e-01  1.615e+00  -0.372
I(logp.s^2)   -1.634e+00  9.706e-01  -1.684
I(logp1.s^2)   1.199e-01  7.639e-01   0.157
I(logp2.s^2)  -6.871e-04  5.128e-01  -0.001
```