**Appendix 1: Eye-tracking experimental sentences**

Las expertas indican que ingles son una parte de la pierna

Las expertas indican que inglés es un idioma hablado en muchos países

El diccionario dice que carne es la parte muscular del cuerpo

El diccionario dice que carné es un documento oficial

Los entendidos señalan que gárgara es el movimiento de líquidos en la boca

Los entendidos señalan que garganta es la parte anterior del cuello

El glosario aclara que gesto es un movimiento de la cara

El glosario aclara que gestor es la persona que administra

Las profesoras recuerdan que príncipe es el hijo heredero del rey

Las profesoras recuerdan que principio es el comienzo de algo

El manuscrito muestra que bombo es un tambor muy grande

El manuscrito muestra que bombón es una pieza pequeña de chocolate

La maestra menciona que costa es la orilla del mar

La maestra menciona que costal es un saco grande con semillas

El texto explica que sarta es una serie de sucesos

El texto explica que sartén es un objeto para calentar comida

Los investigadores apuntan que papa es una planta comestible

Los investigadores apuntan que papá es quien ejerce de padre

La enciclopedia define que capo es un jefe de la mafia

La enciclopedia define que capó es una parte del coche

Los manuales establecen que bala es una pieza esférica de hierro

Los manuales establecen que balón es una pelota grande para jugar

La guía informa que cala es una playa pequeña

La guía informa que caló es el dialecto de la etnia gitana

Los académicos enseñan que copo es una porción de nieve

Los académicos enseñan que copón es una copa grande

Los técnicos revelan que gorro es una tela que cubre la cabeza

Los técnicos revelan que gorrón es una persona aprovechada

Las periodistas subrayan que luna es un satélite de la tierra

Las periodistas subrayan que lunar es una pequeña mancha en la piel

El libro sugiere que mesa es un mueble para escribir o comer

El libro sugiere que mesón es un restaurante tradicional

**Appendix 2: Growth curve model fixed effects**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter | Estimate | SE | *t* | *p* |
| Intercept (γ00) | 1.291 | 0.189 | 6.834 | < .001 |
| Time1 (γ10) | 5.430 | 0.564 | 9.626 | < .001 |
| Time2 (γ20) | −0.483 | 0.318 | −1.520 | .129 |
| Time3 (γ30) | −1.929 | 0.244 | −7.902 | < .001 |
| Syllable structure (γ01) | −0.151 | 0.108 | −1.401 | .161 |
| Lexical stress (γ11) | −0.148 | 0.118 | −1.253 | .210 |
| Group NIN (γ21) | −0.694 | 0.246 | −2.820 | .005 |
| Group IN (γ31) | −0.478 | 0.252 | −1.900 | .057 |
| Time1 × Syllable structure (γ02) | 0.367 | 0.290 | 1.266 | .206 |
| Time2 × Syllable structure (γ12) | 0.243 | 0.217 | 1.122 | .262 |
| Time3 × Syllable structure (γ22) | −0.174 | 0.152 | −1.147 | .251 |
| Time1 × Lexical stress (γ32) | 0.795 | 0.290 | 2.747 | .006 |
| Time2 × Lexical stress (γ03) | −0.016 | 0.217 | −0.076 | .940 |
| Time3 × Lexical stress (γ13) | −0.049 | 0.152 | −0.321 | .748 |
| Syllable structure × Lexical stress (γ23) | −0.094 | 0.098 | −0.961 | .337 |
| Time1 × Group NIN (γ33) | −0.837 | 0.741 | −1.129 | .259 |
| Time1 × Group IN (γ04) | −0.247 | 0.757 | −0.326 | .744 |
| Time2 × Group NIN (γ14) | 1.911 | 0.382 | 5.006 | < .001 |
| Time2 × Group IN (γ24) | 0.764 | 0.390 | 1.959 | .050 |
| Time3 × Group NIN (γ34) | 1.108 | 0.328 | 3.382 | < .001 |
| Time3 × Group IN (γ05) | 0.607 | 0.335 | 1.815 | .070 |
| Time1 × Syllable structure × Lexical stress (γ15) | −0.153 | 0.290 | −0.530 | .596 |
| Time2 × Syllable structure × Lexical stress (γ25) | 0.497 | 0.255 | 1.950 | .051 |
| Time3 × Syllable structure × Lexical stress (γ35) | −0.112 | 0.152 | −0.736 | .462 |
| Syllable structure × Lexical stress × Group NIN (γ06) | 0.406 | 0.063 | 6.455 | < .001 |
| Syllable structure × Lexical stress × Group IN (γ16) | 0.206 | 0.064 | 3.217 | .001 |
| Time2 × Syllable structure × Lexical stress × Group NIN (γ26) | −0.661 | 0.259 | −2.556 | .011 |
| Time2 × Syllable structure × Lexical stress × Group IN (γ36) | −0.251 | 0.264 | −0.951 | .342 |

**Appendix 3: Growth curve model random effects**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Group | Parameter | Variance | SD | Correlations |   |   |   |   |   |
| Participant | Intercept | 0.873 | 0.934 | 1.00 |  |  |  |  |  |
|  | Syllable structure | 0.260 | 0.510 | −.10 | 1.00 |  |  |  |  |
|  | Lexical stress | 0.444 | 0.666 | −.26 | −.04 | 1.00 |  |  |  |
|  | Time1 | 6.922 | 2.631 | .26 | −.04 | .00 | 1.00 |  |  |
|  | Time2 | 1.169 | 1.081 | −.31 | −.11 | .17 | −.14 | 1.00 |  |
|  | Time3 | 0.590 | 0.768 | −.30 | .12 | −.04 | −.83 | .05 | 1.00 |
| Item | Intercept | 0.250 | 0.500 | 1.00 |  |  |  |  |  |
|  | Time1 | 2.309 | 1.520 | −.23 |  |  | 1.00 |  |  |
|  | Time2 | 1.128 | 1.062 | −.75 |  |  | .04 | 1.00 |  |
|  | Time3 | 0.367 | 0.606 | .11 |  |  | −.98 | .16 | 1.00 |
| Residual |  | 14.783 | 3.845 |  |  |  |  |  |  |

**Appendix 4: Pairwise comparisons between learner groups**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter | Estimate | SE | *t* | *p* |
| IN - NIN (γ08) | −0.216 | 0.264 | −0.819 | .413 |
| Time1 × IN - NIN (γ18) | −0.590 | 0.794 | −0.743 | .458 |
| Time2 × IN - NIN (γ28) | 1.147 | 0.409 | 2.804 | .005 |
| Time3 × IN - NIN (γ38) | 0.501 | 0.351 | 1.427 | .154 |
| Syllable structure × Lexical stress × IN - NIN (γ09) | 0.199 | 0.067 | 2.966 | .003 |
| Time2 × Syllable structure × Lexical stress × IN - NIN (γ19) | −0.410 | 0.277 | −1.482 | .138 |

**Appendix 5: Model estimates for probability of target fixations ±SE at 200 ms after the target syllable offset.**

| Group | Lexical stress | Coda | Probability | LB | UB |
| --- | --- | --- | --- | --- | --- |
| IN | paroxytone | no | 0.604 | 0.515 | 0.686 |
|  | oxytone |  | 0.650 | 0.560 | 0.729 |
|  | paroxytone | yes | 0.683 | 0.599 | 0.756 |
|  | oxytone |  | 0.758 | 0.683 | 0.820 |
| M | paroxytone | no | 0.697 | 0.620 | 0.764 |
|  | oxytone |  | 0.829 | 0.772 | 0.874 |
|  | paroxytone | yes | 0.849 | 0.799 | 0.888 |
|  | oxytone |  | 0.825 | 0.768 | 0.871 |
| NIN | paroxytone | no | 0.551 | 0.462 | 0.636 |
|  | oxytone |  | 0.445 | 0.356 | 0.537 |
|  | paroxytone | yes | 0.481 | 0.394 | 0.570 |
|  | oxytone |  | 0.716 | 0.635 | 0.785 |

**Appendix 6: Acoustic correlates of stress of the first and second syllables in target words**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| word | F0 1 | Intensity 1 | Duration 1 | F0 2 | Intensity 2 | Duration 2 |
| ingles | 256.99 | 82.40 | 0.15 | 262.90 | 78.63 | 0.21 |
| inglés | 213.31 | 80.25 | 0.10 | 255.75 | 82.67 | 0.24 |
| carne | 261.39 | 79.45 | 0.23 | 270.42 | 77.70 | 0.12 |
| carné | 217.16 | 80.76 | 0.21 | 245.20 | 82.25 | 0.13 |
| gárgara | 240.31 | 80.39 | 0.19 | 273.07 | 80.52 | 0.04 |
| garganta | 217.92 | 80.27 | 0.20 | 250.49 | 82.22 | 0.18 |
| gesto | 254.43 | 79.41 | 0.22 | 274.23 | 77.94 | 0.09 |
| gestor | 219.37 | 74.43 | 0.25 | 261.12 | 83.28 | 0.18 |
| príncipe | 258.71 | 80.85 | 0.23 | 278.63 | 78.20 | 0.11 |
| principio | 228.55 | 78.56 | 0.23 | 253.36 | 77.27 | 0.14 |
| bombo | 238.24 | 83.05 | 0.14 | 269.73 | 83.56 | 0.16 |
| bombón | 210.62 | 82.22 | 0.16 | 251.14 | 81.80 | 0.23 |
| costa | 205.90 | 76.59 | 0.20 | 265.74 | 78.14 | 0.10 |
| costal | 211.08 | 75.78 | 0.20 | 255.76 | 82.68 | 0.23 |
| sarta | 253.99 | 78.37 | 0.28 | 278.47 | 79.67 | 0.08 |
| sartén | 222.91 | 77.11 | 0.25 | 264.57 | 80.29 | 0.18 |
| papa | 252.48 | 80.30 | 0.19 | 273.92 | 79.01 | 0.13 |
| papá | 218.92 | 76.86 | 0.16 | 143.91 | 80.07 | 0.19 |
| capo | 232.19 | 80.61 | 0.17 | 256.00 | 80.11 | 0.11 |
| capó | 205.05 | 78.62 | 0.19 | 249.62 | 82.56 | 0.23 |
| bala | 239.68 | 82.60 | 0.13 | 256.57 | 83.05 | 0.09 |
| balón | 224.15 | 82.75 | 0.12 | 238.68 | 82.08 | 0.21 |
| cala | 236.63 | 79.52 | 0.14 | 257.77 | 80.36 | 0.09 |
| caló | 222.19 | 81.07 | 0.20 | 254.01 | 82.66 | 0.12 |
| copo | 234.99 | 80.34 | 0.18 | 263.47 | 80.20 | 0.08 |
| copón | 217.16 | 78.76 | 0.17 | 257.13 | 83.55 | 0.25 |
| gorro | 233.38 | 81.60 | 0.20 | 257.18 | 81.41 | 0.12 |
| gorrón | 217.39 | 81.89 | 0.14 | 242.86 | 83.38 | 0.22 |
| luna | 244.57 | 82.68 | 0.16 | 262.93 | 80.97 | 0.11 |
| lunar | 222.17 | 81.97 | 0.13 | 239.55 | 81.84 | 0.16 |
| mesa | 239.47 | 82.78 | 0.16 | 270.58 | 78.79 | 0.14 |
| mesón | 223.63 | 82.87 | 0.14 | 255.75 | 81.16 | 0.28 |