**Supplementary materials**

**Predictors’ characteristics**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| predictors | Lex (NS) | Lex (JNNS) | Lex (GNNS) | multiword frequency per million | log word frequency  |
|  |  |  |  | high | low | high | low |
| Mean | 93.90 | 71.08 | 80.64 | 28.17 | .68 | 4.75 | 4.55 |
| SD | 6.15 | 7.93 | 10.79 | 24.20 | 1.01 | .45 | .49 |
| Maximum | 100 | 93.75 | 96.25 | 117.29 | 4.82 | 5.61 | 5.77 |
| Minimum | 75 | 61.25 | 56.25 | 7.17 | 0 | 3.21 | 4.00 |

 *Note*. Lex = LexTALE score (%); NS = native speakers; JNNS = Japanese non-native speakers of English; GNNS = German non-native speakers of English, Frequency counts for single word (e.g., “time” in “for the first \_\_\_\_”) and multiword (e.g., “for the first time”) were taken from the British National Corpus (BNC)

**Materials used in the grammaticality judgment test with high-frequency**

**and low-frequency multiword units**

|  |  |  |
| --- | --- | --- |
|  | high-frequency | low-frequency |
| 1 | on the contrary | on the chair |
| 2 | at the end of | at the root of |
| 3 | as a result | as a woman |
| 4 | at the same time | at the same hour |
| 5 | in the form of |  in the part of |
| 6 | as far as  | as large as |
| 7 | for the first time | for the first half |
| 8 | on the other hand | on the other bed |
| 9 | to be able to  | to be open to |
| 10 | at the moment | at the church |
| 11 | in the case of | in the group of |
| 12 | one of the most | one of the groups |
| 13 | in other words | in other fields |
| 14 | on the basis of | on the board of |
| 15 | in the middle of  | toward the middle of |
| 16 | at the time of  | at the location of |
| 17 | for a long time | for a long moment |
| 18 | the way in which | the work in which |
| 19 | the fact that  | the money that  |
| 20 | at the beginning of | at the rate of |
| 21 | in any case | in your case |
| 22 | the back of  | the hour of  |
| 23 | it is possible to | it is early to |
| 24 | in the first place | in the first year |
| 25 | is likely to be | is found to be |
| 26 | it is important to | it is correct to |
| 27 | I would like to | I might like to |
| 28 | it is difficult to | it is special to |
| 29 | the size of  | the mark of  |
| 30 | the other side of | the far side of |
| 31 | the bottom of  | the speed of |
| 32 | on the one hand | on the one head |
| 33 | nothing to do with | thing to do with |
| 34 | in the same way  | in the same work |
| 35 | it is clear that | it is good that |
| 36 | on the whole | on the man |
| 37 | something like that | funny like that |
| 38 | what do you think | what do you make |
| 39 | as soon as  | as mean as  |
| 40 | by the fact that | by the date that |
| 41 | I was going to |  I was planning to |
| 42 | in the number of | in the place of |
| 43 | as we have seen | as they have seen |
| 44 | in such a way | in such a place |
| 45 | that sort of thing | that sort of damage |
| 46 | in terms of  | in light of |
|  |  |  |