**Participants’ language profile**

Paired *t* test was performed on the scores obtained on language control measures by participants of Experiment 1 and 2

Table 1. Participants’ language profile: comparisons of high and low L2 proficient participants

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Experiment 1 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Group  | High-L2 proficient  | Low-L2 proficient |  |  |
|  | Mean | SD | Mean | SD | *t* | *p* |
| Lextale test score  | 78.36 | 8.11 | 53.09 | 4.049 | 16.67 | 0\*\* |
| Semantic fluency score (L2) | 13.303 | 2.256 | 10.027 | 1.919 | -2.54 | 0.013\* |
| Semantic fluency score (L1) | 12.484 | 2.093 | 14.416 | 1.295 | 5.08 | 0\*\* |
| Current use of L2 | 6.975 | 0.975 | 4.177 | 0.801 | -1.73 | 0.08\* |
| Current use of L1 | 6.26 | 1.208 | 6.694 | 0.857 | 13.06 | 0\*\* |
| Self-rated proficiency in L2 | 8.494 | 1.021 | 4.481 | 0.56 | -1 | 0\*\* |
| Self-rated proficiency in L1 | 8.09 | 1.064 | 8.314 | 0.7845 | 20.46 | 0\*\* |
|  |  |  |  |  |  |  |
| Experiment 2  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Group  | High-L2 proficient  | Low-L2 proficient |  |  |
|  | Mean | SD | Mean | SD | *t* | *p* |
| Lextale test score  | 79.287 | 7.401 | 54.093 | 3.97 | 16.9 | 0\*\* |
| Semantic fluency score (L2) | 13.354 | 2.229 | 14.531 | 1.19 | -2.62 | 0.011\* |
| Semantic fluency score (L1) | 12.548 | 2.046 | 9.812 | 1.554 | 5.98 | 0\*\* |
| Current use of L2 | 6.374 | 1.156 | 6.775 | 0.802 | -1.6 | 0.11 |
| Current use of L1 | 7.141 | 0.876 | 4.256 | 0.618 | 15.13 | 0\*\* |
| Self-rated proficiency in L2 | 8.129 | 1.087 | 8.322 | 0.735 | -0.83 | 0.41 |
| Self-rated proficiency in L1 | 8.741 | 0.983 | 4.635 | 0.51 | 20.88 | 0\*\* |
|  |  |  |  |  |  |  |