**Supplementary Material**

**Means, standard deviations, and 95% confidence intervals for pretest, immediate posttest, and delayed posttest pronunciation scores by group**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Spoken form recall | Stress placement accuracy | Vowel duration ratio |
| Participantsubgroups | Pretest | ImmediatePosttest | DelayedPosttest | Pretest | ImmediatePosttest | DelayedPosttest | Pretest | ImmediatePosttest | DelayedPosttest |
| E3 | 10.9 (2.1)[9.9, 11.9] | 30.4 (4.9)[28.0, 32.7] | 14.9 (2.7)[13.7, 16.1] | 0.39 (0.18)[0.31, 0.48] | 0.86 (0.11)[0.81, 0.91] | 0.66 (0.16)[0.58, 0.74] | 1.17 (0.10)[1.13, 1,22] | 0.98 (0.09)[0.93, 1.02] | 1.14 (0.12)[1.08, 1.20] |
| E6 | 10.6 (2.3)[9.5, 11.6] | 34.5 (4.0)[32.6, 36.3] | 15.4 (3.3)[13.9, 16.9] | 0.31 (0.13)[0.24, 0.37] | 0.92 (0.06)[0.89, 0.94] | 0.70 (0.16)[0.63, 0.78] | 1.18 (0.15)[1.11, 1.25] | 0.90 (0.11)[0.85, 0.95] | 1.03 (0.12)[0.97, 1.08] |
| E3+TV | 10.3 (2.3)[9.2, 11.4] | 29.6 (4.2)[27.6, 31.5] | 13.7 (2.2)[12.7, 14.7] | 0.35 (0.18)[0.26, 0.43] | 0.94 (0.05)[0.91, 0.96] | 0.70 (0.14)[0.63, 0.76] | 1.13 (0.13)[1.07, 1.19] | 0.86 (0.14)[0.80, 0.93] | 1.04 (0.13)[0.98, 1.10] |
| E6+TV | 11.2 (2.1)[10.2, 12.1] | 35.6 (2.9)[34.2, 36.9] | 14.9 (2.9)[13.5, 16.3] | 0.36 (0.16)[0.28, 0.43] | 0.94 (0.05)[0.92, 0.97] | 0.68 (0.15)[0.61, 0.74] | 1.15 (0.10)[1.11, 1.20] | 0.80 (0.10)[0.75, 0.84] | 0.98 (0.12)[0.93, 1.04] |

*Note*. E3, E6 = 3 exposures, 6 exposures, respectively; TV = talker variability. Maximum score for spoken form recall was 40, and the maximum score for stress placement accuracy was 1. Standard deviations are in parentheses and upper and lower confidence intervals are in square brackets. The mean of vowel duration ratio for the native speaker baseline was 0.70 (*SD* = 0.07, 95% CI [0.61, 0.79]). Lower scores for vowel duration ratio indicate the ability to successfully reduce the duration of unstressed vowels relative to the duration of stressed vowels.

**Full Results of Post Hoc Comparison Tests**

**Spoken Form Recall**

*Immediate Posttest*

| **Post Hoc Comparisons - Group**  |
| --- |
|  |  | **Mean Difference**  | **SE**  | **t**  | **Cohen's d**  | **p bonf**  |
| E3  |  | E6  |  | -5.550  |  | 2.295  |  | -2.418  |  | -0.731  |  | 0.108  |  |
|    |  | E3+TV  |  | 1.550  |  | 2.295  |  | 0.675  |  | 0.216  |  | 1.000  |  |
|    |  | E6+TV  |  | -8.500  |  | 2.295  |  | -3.703  |  | -1.077  |  | 0.002  |  |
| E6  |  | E3+TV  |  | 7.100  |  | 2.295  |  | 3.093  |  | 1.082  |  | 0.017  |  |
|    |  | E6+TV  |  | -2.950  |  | 2.295  |  | -1.285  |  | -0.402  |  | 1.000  |  |
| E3+TV  |  | E6+TV  |  | -10.050  |  | 2.295  |  | -4.379  |  | -1.455  |  | < .001  |  |
|  |
| *Note.*  Cohen's d does not correct for multiple comparisons.  |

**Stress Placement Accuracy**

*Immediate Posttest*

| **Post Hoc Comparisons - Group**  |
| --- |
|  |  | **Mean Difference**  | **SE**  | **t**  | **Cohen's d**  | **p bonf**  |
| E3  |  | E6  |  | -0.058  |  | 0.023  |  | -2.481  |  | -0.650  |  | 0.092  |  |
|    |  | E3+TV  |  | -0.080  |  | 0.023  |  | -3.425  |  | -0.912  |  | 0.006  |  |
|    |  | E6+TV  |  | -0.085  |  | 0.023  |  | -3.653  |  | -0.970  |  | 0.003  |  |
| E6  |  | E3+TV  |  | -0.022  |  | 0.023  |  | -0.943  |  | -0.391  |  | 1.000  |  |
|    |  | E6+TV  |  | -0.027  |  | 0.023  |  | -1.172  |  | -0.482  |  | 1.000  |  |
| E3+TV  |  | E6+TV  |  | -0.005  |  | 0.023  |  | -0.228  |  | -0.098  |  | 1.000  |  |
|  |
| *Note.*  Cohen's d does not correct for multiple comparisons.  |

**Vowel Duration Ratio**

*Immediate Posttest*

| **Post Hoc Comparisons - Group**  |
| --- |
|  |  | **Mean Difference**  | **SE**  | **t**  | **Cohen's d**  | **p bonf**  |
| E3  |  | E6  |  | 0.076  |  | 0.035  |  | 2.179  |  | 0.750  |  | 0.195  |  |
|    |  | E3+TV  |  | 0.111  |  | 0.035  |  | 3.202  |  | 0.950  |  | 0.012  |  |
|    |  | E6+TV  |  | 0.181  |  | 0.035  |  | 5.209  |  | 1.915  |  | < .001  |  |
| E6  |  | E3+TV  |  | 0.036  |  | 0.035  |  | 1.023  |  | 0.288  |  | 1.000  |  |
|    |  | E6+TV  |  | 0.105  |  | 0.035  |  | 3.030  |  | 1.031  |  | 0.020  |  |
| E3+TV  |  | E6+TV  |  | 0.070  |  | 0.035  |  | 2.008  |  | 0.591  |  | 0.289  |  |
|  |
| *Note.*  Cohen's d does not correct for multiple comparisons.  |

*Delayed Posttest*

| **Post Hoc Comparisons - Group**  |
| --- |
|  |  | **Mean Difference**  | **SE**  | **t**  | **Cohen's d**  | **p bonf**  |
| E3  |  | E6  |  | 0.112  |  | 0.039  |  | 2.895  |  | 0.918  |  | 0.030  |  |
|    |  | E3+TV  |  | 0.103  |  | 0.039  |  | 2.657  |  | 0.820  |  | 0.058  |  |
|    |  | E6+TV  |  | 0.159  |  | 0.039  |  | 4.095  |  | 1.316  |  | < .001  |  |
| E6  |  | E3+TV  |  | -0.009  |  | 0.039  |  | -0.238  |  | -0.074  |  | 1.000  |  |
|    |  | E6+TV  |  | 0.047  |  | 0.039  |  | 1.200  |  | 0.390  |  | 1.000  |  |
| E3+TV  |  | E6+TV  |  | 0.056  |  | 0.039  |  | 1.438  |  | 0.454  |  | 0.926  |  |
|  |
| *Note.*  Cohen's d does not correct for multiple comparisons.  |