

Supplemental Material S2. Multiple regression predicting even items sum score as a function of Group B (masked) and Group B by sentence comprehension interaction, as a continuous and a dichotomized variable.

| | Even items, controlling for CELF-5 SC continuous | | Even items, controlling for CELF-5 SC continuous and interacted with group | | Even items, controlling for CELF-5 SC dichotomized | | Even items, controlling for CELF-5 SC dichotomized and interacted with group | |
|---------------------------|---|---------|---|--------|---|--------|---|--------|
| | Est. | (SE) | Est. | (SE) | Est. | (SE) | Est. | (SE) |
| Group B (masked) | −0.44 | (0.70) | −0.42 | (0.70) | −0.15 | (0.79) | 0.307 | (1.12) |
| Female | −0.30 | (0.70) | −0.32 | (0.70) | −0.91 | (0.80) | −0.943 | (0.80) |
| Home language not Eng. | −0.02 | (0.74) | −0.01 | (0.75) | −0.96 | (0.82) | −0.849 | (0.84) |
| CELF-5 SC continuous | 0.42*** | (0.06) | 0.45*** | (0.07) | | | | |
| Group B × SC continuous | | | −0.07 | (0.11) | | | | |
| CELF-5 SC dichotomized | | | | | 3.97*** | (0.82) | 4.487*** | (1.22) |
| Group B × SC dichotomized | | | | | | | −0.931 | (1.62) |
| Intercept | 9.83*** | 9.87*** | 9.87*** | (1.35) | 9.06*** | (1.34) | 8.818*** | (1.41) |
| <i>R</i> ² | 0.437 | 0.44 | 0.44 | | 0.273 | | 0.276 | |
| <i>F</i> | 15.92 | 12.72 | 12.72 | | 7.71 | | 6.18 | |

Note. CELF-5 SC Continuous = Clinical Evaluation of Language Fundamentals–Fifth Edition, Sentence Comprehension, and is centered at the sample mean. In this way, the intercept is interpretable as the predicted raw score of a male child in Group A, with English only at home and an average score on the CELF-5 SC. CELF-5 SC dichotomized uses a median split, such that children scoring 19 or higher are coded as 1 ("high") and children scoring 18 or lower are coded as 0 "low."

p* < .05. *p* < .01. ****p* < .001.

Supplemental material, Surrain et al., "Does Assessor Masking Affect Kindergartners' Performance on Oral Language Measures? A COVID-19 Era Experiment With Children From Diverse Home Language Backgrounds," *LSHSS*,
https://doi.org/10.1044/2023_LSHSS-22-00197