

Comparison of In-Person and Online (At-Home) Cognitive Intensive Program Results

Background

The Cognitive Intensive Program strengthens the cognitive function of Symbol Relations related to logical reasoning, comprehension, and processing speed. For students 15 years and older, the In-Person model involves completing 135 hours in total of the cognitive program over 6 weeks and the Online at-home model involves 135 hours in total over 8 weeks. Younger students complete 90 hours of the cognitive exercise over these time frames.

In 2020, due to COVID, it was necessary to conduct the Cognitive Intensive Program online. At the conclusion of the program period at all sites, progress results were compared between the 2020 online students and the in-person students in 2019.

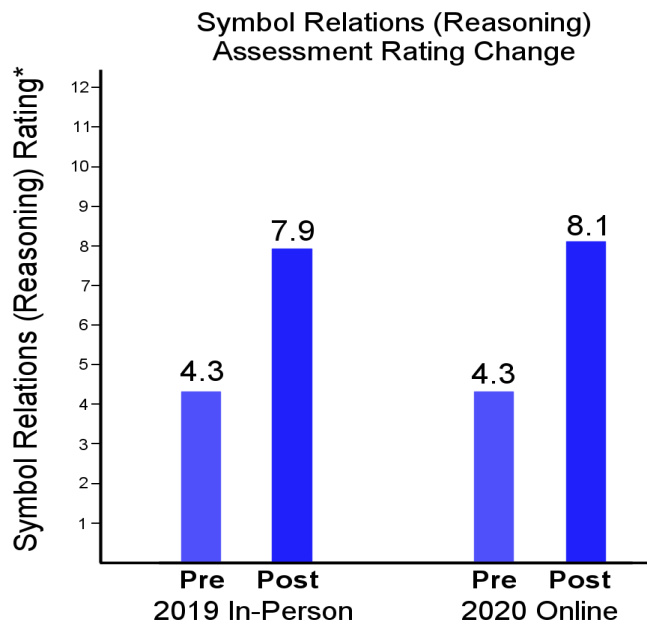
Participants

The number of participating sites in 2019 was 5 and the number of participating sites in 2020 was 7. There were 123 students in 2019 and 129 students in 2020.

Student Progress Results

The progress measure used the percentages of levels mastered in the exercise against the total number of levels recorded. There were no significant differences in the results with both groups showing similar performance progress.

Assessment Rating Change Results



* A higher score indicates better Symbol Relations (Reasoning) functioning

Summary

A comparison of the Cognitive Intensive Program student progress data from the In-person delivery mode (2019) and Online at-home delivery mode (2020) shows that there is no significant difference between the two delivery modes. Both delivery modes produced nearly identical results. These comparison results are based on masteries attained during the program and cognitive function assessment rating improvement from pre and post assessment.