

Attachment 1: Data Collection Timelines and Methods

Timelines

Table 1 shows the timelines for the intervention for cohorts 1 and 2 and the parent, child testing and teacher survey data collections. Recruiting and randomization of applicants was completed by June, 2012 for cohort 1. Baseline parent surveys and child pre-testing started for cohort 1 in July, 2012 and extended through October, 2012. The WINGS intervention started in late October, 2012 and extended through May, 2013. Baseline teacher surveys were completed by teachers for each child in September-October, 2012.

Cohort 1 post- test data for the one year kindergarten evaluation was collected from parent surveys and child testing from July-October, 2013, and post-test teacher surveys were given in May-June, 2013. Cohort 1 post-test data for the two year evaluation was collected from July-October, 2014. Teacher surveys were administered in September-October, 2013 and May-June 2014 to collect post-test data on classroom behavior during first grade.

Cohort 2 followed a similar pattern of data collection with a one year delay. Pre-tests parent and child testing occurred in July-October, 2013 followed by one year post-test data in July-October, 2014, and two year post test data in July-October, 2015. Teacher surveys were given in the fall and spring of kindergarten and first grade.

Methods

All data collection was managed and administered by full-time project staff who stayed for the entire project. The staff recruited the applicants for each cohort, obtained and maintained the parental contact throughout the project. Parents who moved were tracked to new locations if the move was within the Charleston School district. Parents dispersed to over 40 schools during the project period, and staff initiated contacts with the new schools so that teacher surveys could be administered and child testing could occur either during or after-school at the new sites. The unanticipated high level of family migration partly explains the longer period (July to October) for collection of parent and child testing data for post test measures.

Child Testing Measures

All child testing measures at each pre-test and post test period were administered by program staff during 2 testing sessions for each child. Child testing occurred usually during a summer camp run by the project in July-August or during the school year either in after-school time or during school time with teacher permission. The date and time of testing were recorded.

Parent surveys

Parent surveys were either administered in person by program staff or done through telephone surveys. Parents were given a \$35 gift card for each survey completion.

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Teacher surveys

Teachers were given a survey for each child in their classroom to complete in the fall and spring of kindergarten and first grade. Teachers were paid \$10 for each survey completed.

Accounting for Differences in Timing of Tests

We have incorporated covariates into the analysis to control for the time between pre-test and post-test, and also whether the tests occurred in the summer or school year. At pre-test, there was no significant difference between test and control measures in the timing or location of testing. That is, the test and control groups had similar patterns in the timing of test taking and the location. In general, our results show little sensitivity to the inclusion or exclusion of the covariates for test timing suggesting that treatment and control groups had similar patterns of testing.