

Data Collection Worksheet

Please Note: The Data Collection Worksheet (DCW) is a tool to aid integration of a PhenX protocol into a study. The PhenX DCW is not designed to be a data collection instrument. Investigators will need to decide the best way to collect data for the PhenX protocol in their study. Variables captured in the DCW, along with variable names and unique PhenX variable identifiers, are included in the PhenX Data Dictionary (DD) files.

You can access the manual and scoresheet for the Rice-Wexler Test of Early Grammatical Impairment (TEGI) from Dr. Rice's website, which follows: <https://cldp.ku.edu/rice-wexler-tegi>.

Summary of Rice/Wexler Test of Early Grammatical Impairment (TEGI)

The Past Tense Probe and Third Person Singular Probe subtests of the TEGI assess children's grammar in the domain of tense-marking, a widely studied clinical marker of language impairments in children that has been used as a behavioral phenotype in genetic studies of specific language impairment (SLI). Both subtests use a conventional picture elicitation method. The Past Tense Probe consists of a total of 20 items; the Third Person Singular Probe consists of a total of 11 items. Total time of administration for both subtests is 10-15 minutes for typically developing children.

Scoring Instructions

Children's responses are recorded on a response form and scored in reference to norms for children ages 3-9 years. The reference samples consist of 50 children per 6-month age level ascertained in a population-representative manner. Separate reference samples are provided, per age level, for typically developing children and children with language impairments. Available scores include means and standard deviations per reference sample per age level; sensitivity and specificity scores; and a criterion score defined by optimal sensitivity and specificity levels.

Protocol source: <https://www.phenxtoolkit.org/protocols/view/200505>