**Transfer between Reading Comprehension and Word-Problem Solving**

**Via Children’s Understanding of Text Structure**

**Codebook**

**Datasets: 1-Transfer between Reading Comprehension and Problem Solving**

(207 students with comorbid learning difficulties across reading comprehension and word problem solving)

**2-Classmates - Transfer between Reading Comprehension and Problem Solving**

(106 not-at-risk classmates)

**3-Fidelity - Transfer between Reading Comprehension and Problem Solving** (fidelity of intervention during intervention sessions)

**Dataset 1-Transfer between Reading Comprehension and Problem Solving**

STID Student Identification number

SCHID School identification number

CLASSROOM Classroom identification number

CONDITION Student’s treatment condition

1=Control

2=WP.INT

3=RC.INT

**Demographics**

SEX Student’s gender

1=Female

2=Male

ELL Does student receive ELL services?

0=No

1=Yes

RACE Student’s race

1=Black

2=Asian

3=White Non-Hispanic

4=White Hispanic

5=Other

ED Is student economically disadvantaged (at least one form of state financial aid, certified by the state to the school district)

0=No

1=Yes

**Screening**

SCRNWP Student’s total score on Pennies Story Problems at screening

SCRNRC Student’s total raw score on Gates–MacGinitie Reading-Comprehension at screening

WASIVT Student’s t-score on Wechsler Abbreviated Scales of Intelligence Vocabulary at screening

WASIMRT Student’s t-score on Wechsler Abbreviated Scales of Intelligence Matrix Reasoning at screening

WASIIQ Student’s Wechsler Abbreviated Scales of Intelligence IQ at screening

**Covariate**

prARITH Student’s total score on Arithmetic at pretest

prWORDID Student’s raw score on TOWRE2 Test of Word Reading Efficiency - 2 – Sight-Word Efficiency at pretest

**Mediator**

TKWP Student’s raw score on text-structure knowledge in word problems

TKPA Student’s raw score on text-structure knowledge in passages

**Outcome**

poWPSSOL Student’s raw (numerical and label) score on Vanderbilt Story Problems test at posttest

poWPSRETELL Student’s raw score on WPS retell quality at posttest

poRCNOTES Student’s raw score on RC notes quality at posttest

poRCRETELL Student’s raw score on RC retell quality at posttest

**Dataset 2-Classmates - Transfer between Reading Comprehension and Problem Solving**

STID Student Identification number

**Demographics**

SEX Student’s gender

1=Female

2=Male

ELL Does student receive ELL services?

0=No

1=Yes

RACE Student’s race

1=Black

2=Asian

3=White Non-Hispanic

4=White Hispanic

5=Other

ED Is student economically disadvantaged (at least one form of state financial aid, certified by the state to the school district)

0=No

1=Yes

**Screening**

SCRNWP Student’s total score on Pennies Story Problems at screening

SCRNRC Student’s total score on Gates–MacGinitie Reading-Comprehension at screening

WASIVT Student’s t-score on Wechsler Abbreviated Scales of Intelligence Vocabulary at screening

WASIMRT Student’s t-score on Wechsler Abbreviated Scales of Intelligence Matrix Reasoning at screening

WASIIQ Student’s Wechsler Abbreviated Scales of Intelligence IQ at screening

**Covariate**

prARITH Student’s total score on Arithmetic at pretest

prWORDID Student’s raw score on Test of Word Reading Efficiency - 2 – Sight-Word Efficiency at pretest

**Outcome**

poWPSSOL Student’s raw (numerical and label) score on Vanderbilt Story Problems test

poWPSRETELL Students raw score on WPS retell quality

poRCNOTES Student’s raw score on RC notes quality

poRCRETELL Student’s raw score on RC retell quality

**Dataset 3-Fidelity - Transfer between Reading Comprehension and Problem Solving**

Observation Observation number

WPFidelity Average percentage of points addressed during WP.INT tutoring

RCFidelity Average percentage of points addressed during RC.INT tutoring