**Comorbid Word Reading and Math Computation Difficulty**

**at Start of First Grade**

**Codebook**

**STID** Student identification number

**TID** Teacher identification number

**MATH VARIABLES**

**COMP1** Digits Correct on Grade 1 CBM Computation

**prWA** Pretest WRAT4 Arithmetic total raw score (written + oral)

**prWAO** Pretest WRAT4 Arithmetic Oral raw score (number knowledge only)

**prWAW** Pretest WRAT4 Arithmetic Written raw score

**prWAss** Pretest WRAT4 Arithmetic standard score

**prCALC** Pretest, WJIV Calculation raw score

**prBF** Pretest Arithmetic Combinations Fluency (Basic Facts Fluency)

**prDD** Pretest Double Digit total across addition and subtraction

**READING VARIABLES**

**prWRLet** Pretest WRAT4 Reading Letter raw score

**prWRWord** Pretest WRAT4 Reading Word raw score

**prWR** Pretest WRAT4 Reading total raw score

**prWRss** Pretest WRAT4 Reading standard score

**prWIFN** Pretest Word Identification Fluency (Narrow) average words correct

**prLW** Pretest, WJIV Letter-Word Identification raw score

**prSWE** Pretest, TOWRE2 Sight Word Efficiency raw score

**COGNITIVE VARIABLES**

**prWASIVOC** Pretest WASI Vocabulary raw score

**prWASIMR** Pretest WASI Matrix Reasoning raw score

**prNumSeq** Pretest, sum of the four Number Sequences tasks (counting tasks)

**prNUMSEQT1** Pretest, Number Sequences Task 1 score

**prNUMSEQT2** Pretest, Number Sequences Task 2 score

**prNUMSEQT3** Pretest, Number Sequences Task 3 score

**prNUMSEQT4** Pretest, Number Sequences Task 4 score

**prELI** Pretest CTOPP2 Elision raw score

**prSM** Pretest CTOPP2 Sound Matching raw score

**prRDN** Pretest CTOPP2 Rapid Digit Naming raw score (scores for students who have invalid scores according to the CTOPP-2 manual directions are converted to the worst score for their age group provided in the technical manual)

**prRLN** Pretest CTOPP2 Rapid Letter Naming raw score (scores for students who have invalid scores according to the CTOPP-2 manual directions are converted to the worst score for their age group provided in the technical manual)

**prLC** Pretest WDRB Listening Comprehension raw score

**prLR**  Pretest WMTB Listening Recall raw score

**prCR** Pretest WMTB Counting Recall raw score

**prMM** Pretest WMTB Mazes Memory raw score

**prSWAN** Pretest attentive behavior rating score

**STUDENT DEMOGRAPHICS**

**AGE** Student's age in years at initial screening

**SEX** Student’s sex as M

1=Female

2=Male

**EDIS** Is student from a household with economic disadvantage?

0=No

1=Yes

**ELL** Is student an English Language Learner?

0=No

1=Yes

**SPED** Is student receiving SPED services? (Note: gifted coded as No)

0=No

1=Yes

**RACE** Student’s race

1=African-American

2=Asian

3=Non-Hispanic White

4=Hispanic White

5=Other