Baseline Working Memory as a Moderator of Working Memory Training on Working Memory Outcomes

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SCHID School ID number

CLASSROOM Classroom ID Number

GWM Was student in GWM+P condition?

0=No

1 = Yes

EWMWP Was student in WP+MWM condition?

0=No

1 = Yes

WP Was student in WP condition?

0=No

1 = Yes

(*Note: Students who have 0’s on the prior 3 coding variables are in the Control condition).*

poOOOPos Posttest Working Memory Visuospatial (AWMA Odd One Out position recall score)

poCR Posttest Working Memory Verbal-Numerals (WMTB Counting Recall raw score)

poLR Posttest Working Memory Verbal-Sentences (WMTB Listening Recall raw score)

poBF Posttest Mathematics-Arithmetic (Second-Grade Mathematics Assessment Battery - Arithmetic Combinations) total score

poVSP Posttest Mathematics-Word Problems (Second Grade Word Problems) total score

prBF Pretest Mathematics-Arithmetic (Second-Grade Mathematics Assessment Battery - Arithmetic Combinations).

prBF\_C Cluster-mean centered Pretest Mathematics-Arithmetic (Second-Grade Mathematics Assessment Battery - Arithmetic Combinations) (*Note: prBF\_C , not prBF, was used in analyses).*

prVSP Pretest Mathematics-Word Problems (Second Grade Word Problems) total score

prVSP\_C Cluster-mean centered Pretest Mathematics-Word Problems (Second Grade Word Problems) total score (*Note: prVSP\_C , not prVSP, was used in analyses).*

preCOMPOSITE Composite (average of pretest VS\_WM, pretest N\_WM, pretest S\_WM)

preCOMPOSITE\_C Cluster-mean-centered composite variable (average of pretest VS\_WM, pretest N\_WM, pretest S\_WM) (*Note: preCOMPOSITE\_C , not preCOMPOSITE, was used in analyses).*

About the Latent Working Memory Posttest Factor: *Note that we do not report posttest WM factor scores as part of this shared data file because factor scores are not observed data. Factor scores are not necessary input to estimate the structural equation model and are not necessary to output after fitting our structural equation model. Only the highlighted variables in this file are needed to fit our structural equation model. Factor scores are conditional on the model specification, the observed variables used to estimate the model, the model estimation method, and the factor score computation method. Regarding factor score computation, unlike for estimating model parameters, there is no unique solution for generating factor scores; there are multiple equally valid methods to compute them, which may provide different values for a given single model (called factor indeterminacy).*