

## Research Article

# Writing Readiness Inventory Tool in Context (WRITIC): Reliability and convergent validity

Margo J. van Hartingsveldt, Edith H. C. Cup, Imelda J. M. de Groot and Maria W. G. Nijhuis-van der Sanden

**Background/aim:** This study examined the reliability and convergent validity of the Writing Readiness Inventory Tool in Context, a measurement evaluating writing readiness in kindergarten children (aged from five to six years). **Methods:** Test–retest reliability was established with 59 children, inter-rater reliability with 72 children and convergent validity with 119 children. All participants were typically developing kindergarten children. Convergent validity was examined with the Beery-Buktenica Developmental Test of Visual-Motor Integration and the Nine-Hole Peg Test.

**Results:** We found excellent test–retest and inter-rater reliability on the future norm-referenced subdomain ‘Task performance’ of Writing Readiness Inventory Tool in Context with intra-class correlation coefficient ranging from 0.92 to 0.95. On the other criterion-referenced subdomains, we found fair to good reliability with intra-class correlation coefficient ranging from 0.70 to 1.0 and weighted Kappa ranging from 0.30 to 0.89. Correlations with the Beery-Buktenica Developmental Test of Visual-Motor Integration and the Nine-Hole Peg Test were moderate with  $r$ s ranging from 0.34 to 0.40 and these are comparable with correlations in other handwriting studies.

**Conclusion:** Writing Readiness Inventory Tool in Context is an assessment of writing readiness that is stable over time and between raters. The expected moderate correlations with the Beery-Buktenica Developmental Test of Visual-Motor Integration and the Nine-Hole Peg Test support the construct of writing readiness.