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| Table 1  *Exploratory Factor Analysis with Oblique and Orthogonalized Pattern Coefficients of the Wechsler Abbreviated Scale of Intelligence-Second Edition (WASI-II) Total Normative Sample, Ages 6-90 (N = 2,300)* | | | | | | | | |
|  | Oblique Solution | |  | Orthogonolized Schmid-Leiman Solution | | | | |
| Subtest | I | II |  | *g* | I | II | *h2* | *u2* |
| Vocabulary | **.82** | .05 |  | .73 | **.45** | .03 | .74 | .26 |
| Similarities | **.80** | .08 |  | .74 | **.43** | .04 | .74 | .26 |
| Block Design | -.01 | **.75** |  | .62 | -.01 | **.41** | .55 | .45 |
| Matrix Reasoning | .05 | **.72** |  | .65 | .03 | **.39** | .56 | .44 |
| Total Variance (%) |  |  |  | 47.2 | 9.7 | 8.1 | 65.0 | 35.0 |
| Common Variance (%) |  |  |  | 72.6 | 14.9 | 12.4 |  |  |
| *Note*. As per Dombrowski (2013), salient loadings ≥ .30 for the oblique solution and ≥ .20 for the orthogonalized solution are denoted in bold. *h2* = communality; *u2*= uniqueness. | | | | | | | | |

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| Table 2 |  | |  | |  | |  | | |  | |  | |  | |
| *Sourced of Variance in the WASI-II for the Total Sample According to an Exploratory Bifactor Model* | | | | | | | | | | | | | | | |
|  | | Factor | | | | | | |  |  | |  | |  | |
| Test | | *g* | | I | | IIa | | *h*² | | | *u*² | | ERROR | | *s²* |
| Vocabulary | | .77 | | .38 | |  | | .74 | | | .26 | | .08 | | .18 |
| Similarities | | .78 | | .36 | |  | | .74 | | | .26 | | .10 | | .16 |
| Block Design | | .85 | |  | | .00 | | .72 | | | .28 | | .10 | | .18 |
| Matrix Reasoning | | .67 | |  | | .74 | | .99 | | | .01 | | .11 | | .00 |
| Total Variance (%) | | 59.3 | | 6.9 | | 13.7 | | 79.9 | | | 20.1 | | 9.7 | | 13.0 |
| Common Variance (%) | | 74.3 | | 8.6 | | 17.1 | |  | | |  | |  | |  |
| *ω* | | .92 | | .84 | | .91 | |  | | |  | |  | |  |
| *ωh/hs* | | .83 | | .15 | | .17 | |  | | |  | |  | |  |
|  | |  | |  | |  | |  | | |  | |  | |  |

*Note*. *g* = general intelligence, *b* = standardized loading of subtest on factor; *S²* = variance explained; *h²* = communality; *u*² = uniqueness; Error = 1-reliability from Wechsler (2011b); *s2* = *u2*-Error; = omega; h = Omega hierarchical; hs = Omega hierarchical subscale.

a Empirically under-identified.

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| Table 3  *Exploratory Factor Analysis with Oblique and Orthogonalized Pattern Coefficients of the Wechsler Abbreviated Scale of Intelligence-Second Edition (WASI-II) Child Sample, Ages 6-16 (N = 1,100)* | | | | | | | | |
|  | Oblique Solution | |  | Orthogonolized Schmid-Leiman Solution | | | | |
| Subtest | I | II |  | *g* | I | II | *h2* | *u2* |
| Vocabulary | **.82** | .03 |  | .71 | **.45** | .02 | .71 | .29 |
| Similarities | **.81** | .06 |  | .73 | **.44** | .03 | .73 | .27 |
| Block Design | .00 | **.74** |  | .62 | .00 | **.40** | .55 | .45 |
| Matrix Reasoning | .06 | **.72** |  | .66 | .03 | **.39** | .58 | .42 |
| Total Variance (%) |  |  |  | 46.5 | 9.8 | 7.9 | 64.2 | 35.8 |
| Common Variance (%) |  |  |  | 72.4 | 15.3 | 12.3 |  |  |
| *Note*. As per Dombrowski (2013), salient loadings ≥ .30 for the oblique solution and ≥ .20 for the orthogonalized solution are denoted in bold. *h2* = communality; *u2*= uniqueness. | | | | | | | | |

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| Table 4 |  | |  | |  | |  | | |  | |  | |  | |
| *Sourced of Variance in the WASI-II for the Child Sample According to an Exploratory Bifactor Model* | | | | | | | | | | | | | | | |
|  | | Factor | | | | | | |  |  | |  | |  | |
| Test | | *g* | | I | | IIa | | *h*² | | | *u*² | | ERROR | | *s²* |
| Vocabulary | | .76 | | .38 | |  | | .72 | | | .28 | | .09 | | .19 |
| Similarities | | .77 | | .36 | |  | | .72 | | | .28 | | .11 | | .17 |
| Block Design | | .85 | |  | | .00 | | .72 | | | .28 | | .11 | | .17 |
| Matrix Reasoning | | .66 | |  | | .73 | | .97 | | | .03 | | .13 | | .00 |
| Total Variance (%) | | 58.2 | | 6.9 | | 13.3 | | 78.4 | | | 21.6 | | 11.0 | | 13.3 |
| Common Variance (%) | | 74.3 | | 8.7 | | 17.0 | |  | | |  | |  | |  |
| *ω* | | .92 | | .84 | | .90 | |  | | |  | |  | |  |
| *ωh/hs* | | .83 | | .16 | | .17 | |  | | |  | |  | |  |
|  | |  | |  | |  | |  | | |  | |  | |  |

*Note*. *g* = general intelligence, *b* = standardized loading of subtest on factor; *S²* = variance explained; *h²* = communality; *u*² = uniqueness; Error = 1-reliability from Wechsler (2011b); *s2* = *u2*-Error; = omega; h = Omega hierarchical; hs = Omega hierarchical subscale.

a Empirically under-identified.

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| Table 5  *Exploratory Factor Analysis with Oblique and Orthogonalized Pattern Coefficients of the Wechsler Abbreviated Scale of Intelligence-Second Edition (WASI-II) Adult Sample, Ages 17-90 (N = 1,200)* | | | | | | | | |
|  | Oblique Solution | |  | Orthogonolized Schmid-Leiman Solution | | | | |
| Subtest | I | II |  | *g* | I | II | *h2* | *u2* |
| Vocabulary | **.84** | .04 |  | .75 | **.44** | .02 | .76 | .24 |
| Similarities | **.82** | .06 |  | .75 | **.43** | .03 | .75 | .25 |
| Block Design | -.01 | **.76** |  | .64 | -.01 | **.40** | .57 | .43 |
| Matrix Reasoning | .07 | **.74** |  | .69 | .04 | **.39** | .63 | .37 |
| Total Variance (%) |  |  |  | 50.0 | 9.6 | 7.8 | 67.4 | 32.6 |
| Common Variance (%) |  |  |  | 74.2 | 14.2 | 11.6 |  |  |
| *Note*. As per Dombrowski (2013), salient loadings ≥ .30 for the oblique solution and ≥ .20 for the orthogonalized solution are denoted in bold. *h2* = communality; *u2*= uniqueness. | | | | | | | | |

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| Table 6 |  | |  | |  | |  | | |  | |  | |  | |
| *Sourced of Variance in the WASI-II for the Adult Sample According to an Exploratory Bifactor Model* | | | | | | | | | | | | | | | |
|  | | Factor | | | | | | |  |  | |  | |  | |
| Test | | *g* | | I | | IIa | | *h*² | | | *u*² | | ERROR | | *s²* |
| Vocabulary | | .78 | | .39 | |  | | .76 | | | .24 | | .08 | | .16 |
| Similarities | | .79 | | .36 | |  | | .75 | | | .25 | | .09 | | .17 |
| Block Design | | .86 | |  | | .00 | | .74 | | | .26 | | .09 | | .17 |
| Matrix Reasoning | | .69 | |  | | .71 | | .98 | | | .02 | | .10 | | .00 |
| Total Variance (%) | | 61.2 | | 7.0 | | 12.6 | | 80.8 | | | 19.2 | | 9.0 | | 12.5 |
| Common Variance (%) | | 75.7 | | 8.7 | | 15.6 | |  | | |  | |  | |  |
| *ω* | | .93 | | .86 | | .91 | |  | | |  | |  | |  |
| *ωh/hs* | | .84 | | .16 | | .16 | |  | | |  | |  | |  |
|  | |  | |  | |  | |  | | |  | |  | |  |

*Note*. *g* = general intelligence, *b* = standardized loading of subtest on factor; *S²* = variance explained; *h²* = communality; *u*² = uniqueness; Error = 1-reliability from Wechsler (2011b); *s2* = *u2*-Error; = omega; h = Omega hierarchical; hs = Omega hierarchical subscale.

a Empirically under-identified.