Table 2. WAIS–IV Subtest Input and Output Requirements and Equivalence Evidence

WAIS–IV subtest	Input[a]	Output[b]	Direct evidence[c]	Evidence for similar tasks[c]
Similarities (SI)	BSD, SS	OE, SPR	T: 7, 8, 11 D: 1, 2, 3, 4, 5, 6, 7	T: 6, 7, 8, 11–VC; 14–Oral Vocabulary (OV), General Information (GI); 15–Guess What (GW), Verbal Reasoning (VR)
Vocabulary (VC)	BSD, GD, PS, SS	OE, SPR	T: 6, 7, 8, 11 D: 1, 2, 3, 4, 5, 6, 7	T: 4–Picture Naming; 14–OV, GI; 15–GW, VR
Information	BSD, SS	OE, SPR	T: 8 D: 1, 2, 3, 4, 5	T: 6, 7, 8, 11–VC; 7, 11–SI; 14–OV, GI; 15–GW, VR
Comprehension	BSD, SS	OE, SPR	D: 1, 2, 3, 4, 5, 6	T: 6, 7, 8, 11–VC; 7, 11–SI; 14–OV, GI
Block Design	BSD, GD, MD, PM, PS	GMR, IT	T: 7, 11 D: 1, 2, 3, 4, 5, 6, 7	
Visual Puzzles (VP)	BSD, CC, GD, PS	B or PR, IT, MC	T: 7 D: 2, 3, 4, 5, 6, 7	T: 7–FW; 7, 11–MR; 14–Visualization (VZ); 15–Odd Item Out (OI) D: 1, 2, 3, 4, 5, 6–MR, FW
Matrix Reasoning (MR)	BSD, CC, GD, PS	BSR or PR, MC	T: 6, 7, 11 D: 1, 2, 3, 4, 5, 6	T: 7–VP; 14–Concept Formation (CF); 15–OI D: 1, 2, 3, 4, 5, 6: VP, FW
Figure Weights (FW)	BSD, CC, GD, PS	BSR or PR, IT, MC	T: 7 D: 2, 3, 4, 5, 6	T: 6, 11–MR; 7–VP; 14–CF; 15–OI; D: 1, 2, 3, 4, 5, 6– VP, MR

WAIS–IV subtest	Input[a]	Output[b]	Direct evidence[c]	Evidence for similar tasks[c]
Picture Concepts	BSD, GD, PS	BSR or PR, MC	D: 1, 2, 3, 4, 5	T: 6, 11–MR; 7–VP; 14–CF; 15–OI D: 1, 2, 3, 4, 5, 6– VP, MR, FW
Arithmetic	BSD, GD, PS, SS	BSR, IT, OE	D: 1, 2, 3, 4, 5	T: 8–VC; 14–Applied Problems D: 1, 2, 3, 4, 5, 6
Digit Span (DS)	BSD, SS	OE, SPR	T: 1, 2, 3, 4, 5, 7, 8, 9, 13 D: 1, 2, 3, 4, 5, 6	T: 10–Recalling Sentences (RS); 14–Verbal Attention (VA), Numbers Reversed (NR); 15–Verbal Memory (VM)
Picture Span	BSD, GD, PS, TP	BSR or PR, MC	T: 7 D: 2, 3, 4, 5, 6	T: 15–Nonverbal Memory (NM)
Letter-Number Sequencing	BSD, SS	OE, SPR	D: 1, 2, 3, 4, 5	T: 1, 2, 3, 4, 5, 7, 8, 9, 13–DS; 10–RS; 14–VA, NR; 15–VM D: 1, 2, 3, 4, 5, 6–DS
Coding (CD)	BSD, GD, PR, RB, PS	TT, WFR	T: 4, 7 D: 1, 6	T: 7–SS; 14–Letter-Pattern Matching (LPM), Sentence Reading Fluency (SRF), Math Facts Fluency (MFF); 15–Speeded Picture Search (SPS ages 7+) D: 1, 6–SS
Symbol Search (SS)	BSD, GD, PR, PS, RB	TT, SWR	T: 7 D: 1, 6	T: 4, 7–CD; 14–LPM, SRF, MFF; 15–SPS ages 7+ D: 1, 6–CD
Cancellation	BSD, CC, GD, PS, RB	TT, SWR	D: 1, 2, 3, 4, 5	T: 7, 14–LPM, SRF, MFF; 15–SPS ages 7+ D: 1, 6: CD, SS

WAIS–IV subtest	Input[a]	Output[b]	Direct evidence[c]	Evidence for similar tasks[c]
Naming Speed Literacy	BSD, GD, PS; CC ages 6–8; SP ages 8–16	SPR; PR ages 6–8	D: 2, 3, 4, 5	T: 15–Speeded Naming Task (SNT) ages 7+

Note. [a] Input abbreviations are: BSD = Brief spoken directions, CC = Color critical items, GD = Gestured directions, MD = Motor demonstration, PM = Physical manipulatives, PS = Pictorial stimuli, RB = Paper response booklet, SP = Letters, digits, or symbols in print, SS = Spoken stimuli, TP = Timed presentation

[b] Output abbreviations are: BSR = Brief spoken response, GMR = Gross motor response, IT = Item-level time limit, MC = Multiple choice, OE = Open ended, PR = Pointing response, SPR = Spoken response, SWR = Simple written response, TT = Task-level time limit, WFR = Written or fine motor response.

[c] Citations appear numbered in the references list. T = telepractice–face-to-face mode equivalence; D = digital–traditional format equivalence. While equivalence data on similar measures are relevant, practitioners should be mindful that more research is needed to establish equivalence in all ages and for all tasks on the WAIS–IV.