Table 9

Kaufman Assessment Battery for Children (KABC-II) Exploratory Factor Analysis: Five Oblique Factor Solution for the 10 Core Subtests (N = 1,142) Ages 7-12

Subtest	g	F1: Gc		F2: PR		F3: Gsm		F4: Glr		F5: ?		h²
Verbal Knowledge	.741	**.800**	(.823)	.008	(.610)	-.020	(.441)	-.037	(.553)	.084	(.564)	.682
Riddles	.764	**.757**	(.822)	.039	(.617)	.031	(.485)	.079	(.611)	-.055	(.504)	.682
Triangles	.600	.056	(.498)	**.628**	(.663)	-.025	(.375)	-.048	(.445)	.058	(.520)	.443
Rover	.509	-.032	(.395)	**.659**	(.575)	.008	(.345)	.040	(.411)	-.126	(.365)	.339
Pattern Reasoning	.681	.116	(.580)	**.428**	(.688)	.048	(.449)	.036	(.526)	.166	(.594)	.501
Story Completion	.606	.277	(.570)	.120	(.559)	.000	(.359)	.030	(.462)	.296	(.574)	.409
Number Recall	.459	.027	(.371)	-.029	(.383)	**.710**	(.691)	-.031	(.311)	-.005	(.266)	.479
Word Order	.518	-.029	(.405)	.034	(.451)	**.703**	(.724)	.030	(.379)	.005	(.318)	.526
Atlantis	.540	.032	(.462)	-.040	(.445)	.006	(.325)	**.687**	(.671)	-.024	(.337)	.451
Rebus	.627	-.009	(.523)	.069	(.555)	-.014	(.368)	**.671**	(.731)	.048	(.447)	.540
Eigenvalue		4.34		1.11		.88		.81		.61		
% Variance		43.39		11.09		8.78		8.09		6.14		
Factor Correlations												
F1		1.00										
F2		.72		1.00								
F3		.55		.59		1.00						
F4		.69		.69		.49		1.00				
F5		.63		.74		.41		.54		1.00		

Note. g = general structure coefficients based on first un-rotated factor coefficients (g–loadings); h² = communality; Gc = Crystallized Ability; PR = Perceptual Reasoning; Gsm = Short-Term Memory; Glr = Long-Term Storage and Retrieval. Factor pattern coefficients (structure coefficients) based on principal factors extraction with promax rotation (k = 4). Salient pattern coefficients presented in bold (pattern coefficient ≥ .30). Factor 5 is mathematically impermissible as it does not contain a salient loading.

Table 10

Kaufman Assessment Battery for Children (KABC-II) Exploratory Factor Analysis: Five Oblique Factor Solution for the 10 Core Subtests (N = 883) Ages 13-18

Subtest	g	F1: Gc		F2: PR		F3: Gsm		F4: Glr		F5: ?		h²
Verbal Knowledge	.762	**.802**	(.846)	.068	(.593)	-.017	(.508)	.007	(.594)	.007	(.612)	.719
Riddles	.771	**.795**	(.857)	-.022	(.577)	.026	(.532)	.066	(.623)	.023	(.612)	.738
Block Counting	.568	.055	(.437)	**.695**	(.657)	-.008	(.395)	-.091	(.407)	-.009	(.502)	.436
Rover	.527	-.048	(.371)	**.674**	(.612)	-.023	(.372)	.088	(.430)	-.098	(.446)	.380
Pattern Reasoning	.690	.102	(.563)	**.455**	(.703)	.068	(.477)	-.013	(.539)	.191	(.634)	.523
Story Completion	.590	.190	(.537)	.113	(.547)	-.010	(.334)	-.013	(.482)	**.416**	(.622)	.413
Number Recall	.482	.012	(.397)	-.066	(.388)	**.746**	(.696)	-.050	(.358)	.028	(.252)	.488
Word Order	.595	-.013	(.470)	.088	(.514)	**.688**	(.756)	.072	(.481)	-.046	(.343)	.578
Atlantis	.536	.084	(.461)	-.061	(.402)	.019	(.387)	**.696**	(.653)	-.098	(.413)	.435
Rebus	.703	-.030	(.560)	.137	(.629)	-.023	(.447)	**.606**	(.770)	.147	(.653)	.622
Eigenvalue		4.54		1.05		.92		.79		.61		
% Variance		45.38		10.47		9.23		7.86		6.05		
Factor Correlations												
F1		1.00										
F2		.65		1.00								
F3		.59		.61		1.00						
F4		.68		.68		.57		1.00				
F5		.69		.78		.41		.71		1.00		

Note. g = general structure coefficients based on first un-rotated factor coefficients (g–loadings); h² = communality; Gc = Crystallized Ability; PR = Perceptual Reasoning; Gsm = Short-Term Memory; Glr = Long-Term Storage and Retrieval. Factor pattern coefficients (structure coefficients) based on principal factors extraction with promax rotation (k = 4). Salient pattern coefficients presented in bold (pattern coefficient ≥ .30). Factor 5 is mathematically impermissible as it was produced from only one (singlet) salient loading.
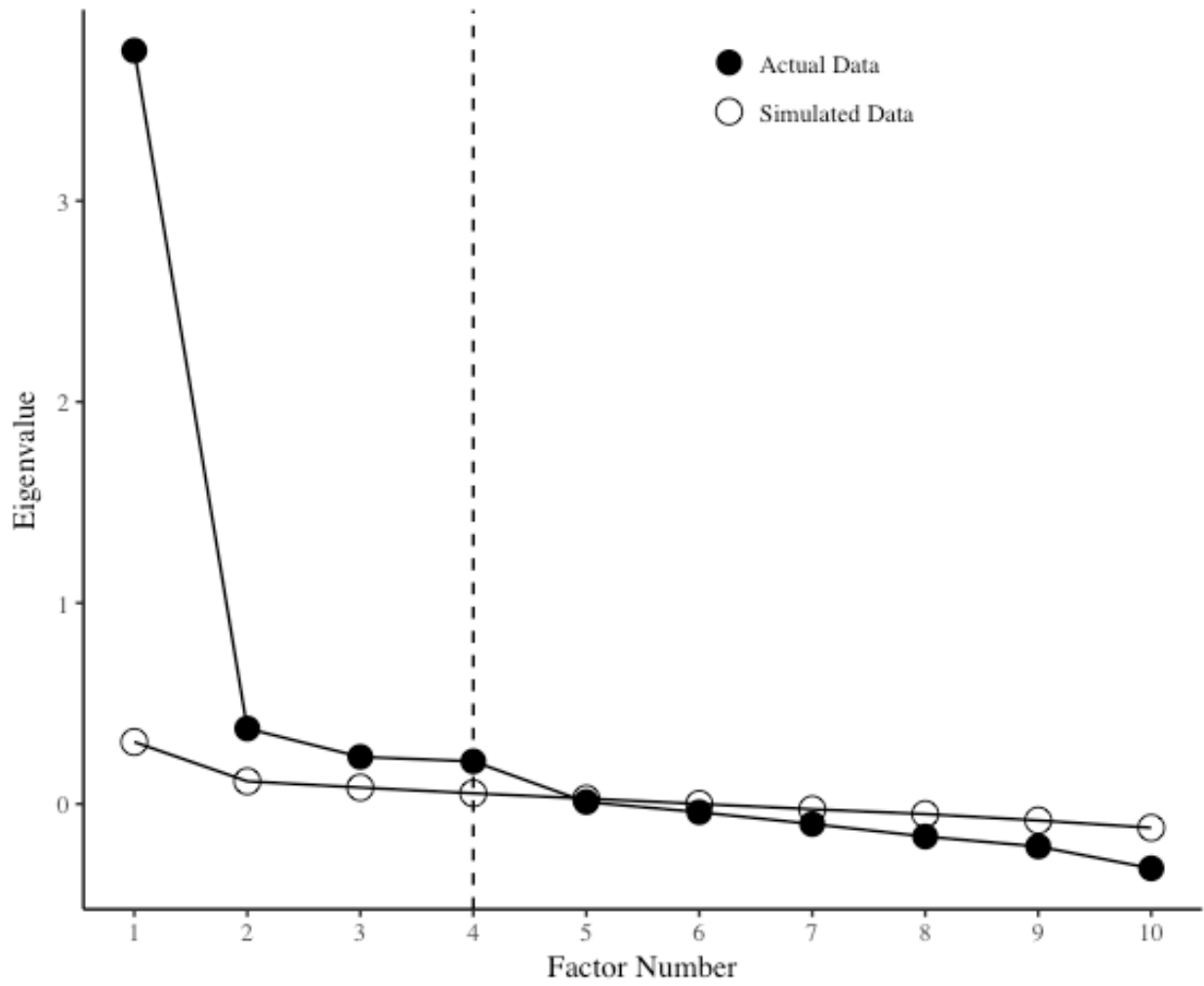
Figure 1. Scree plot of parallel analysis for KABC-II 10 subtest core battery configuration (ages 7-12).
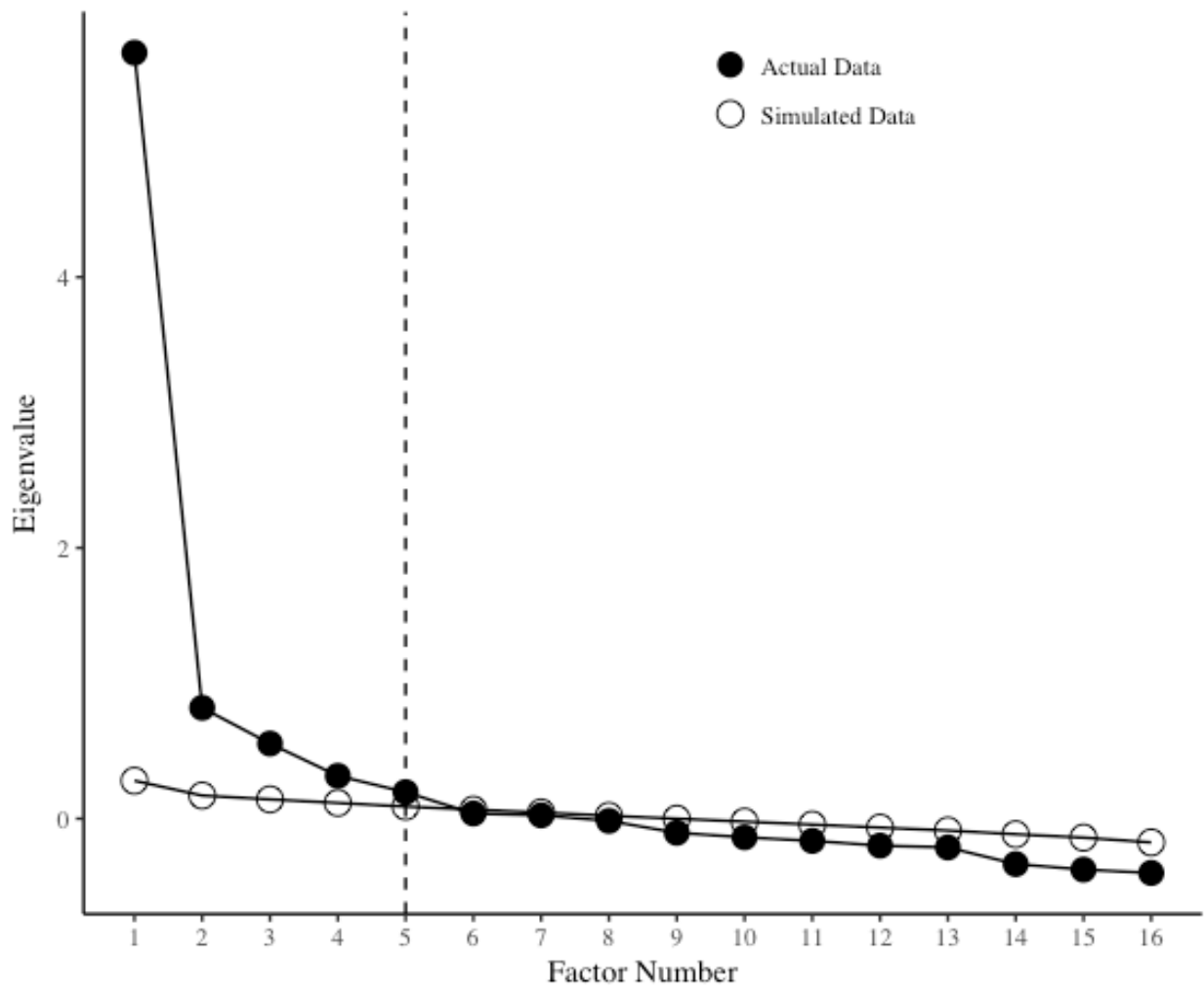
Figure 2. Scree plot of parallel analysis for KABC-II 16 subtest core and supplementary battery configuration (ages 7-12).
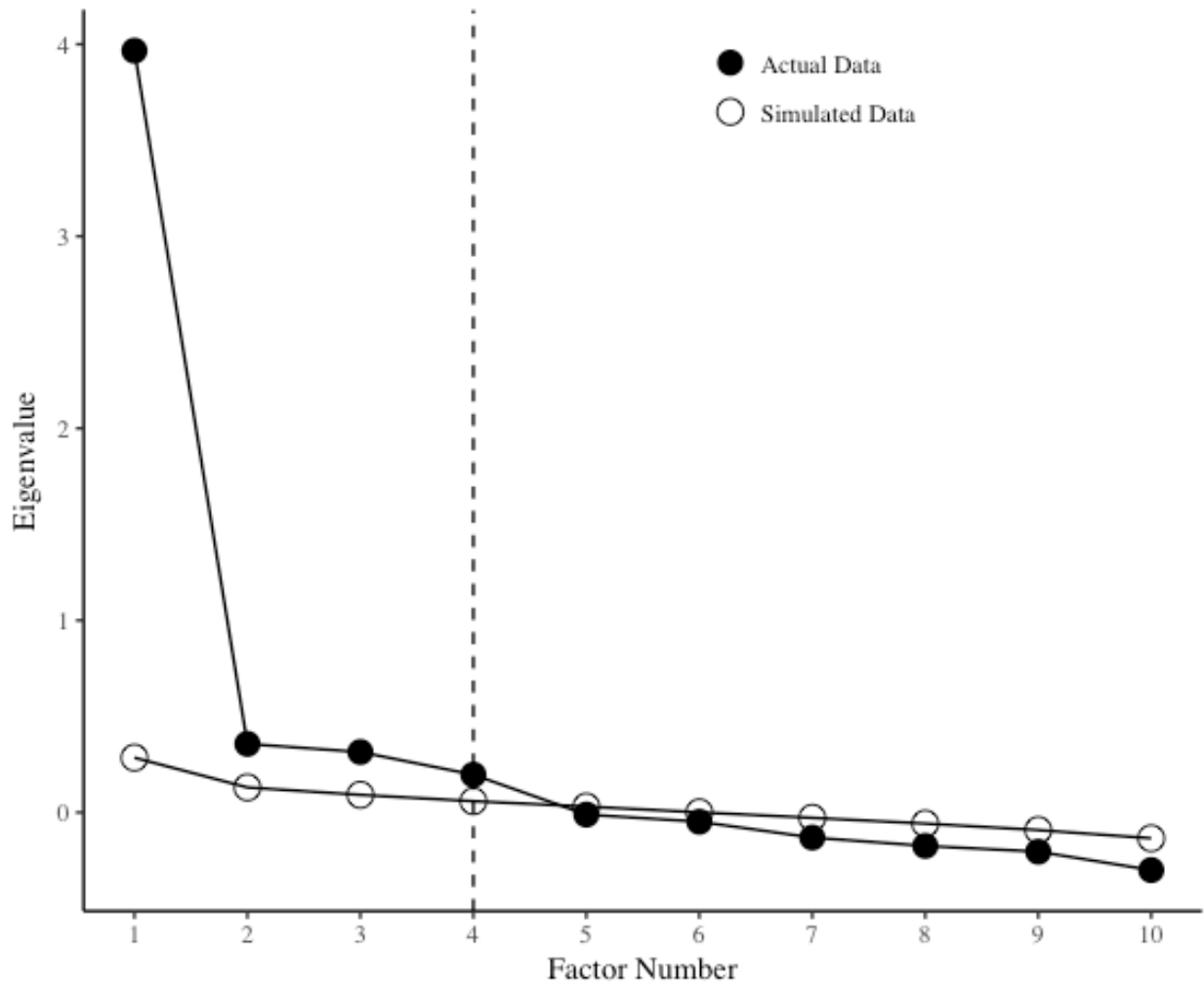
Figure 3. Scree plot of parallel analysis for KABC-II 10 subtest core battery configuration (ages 13-18).
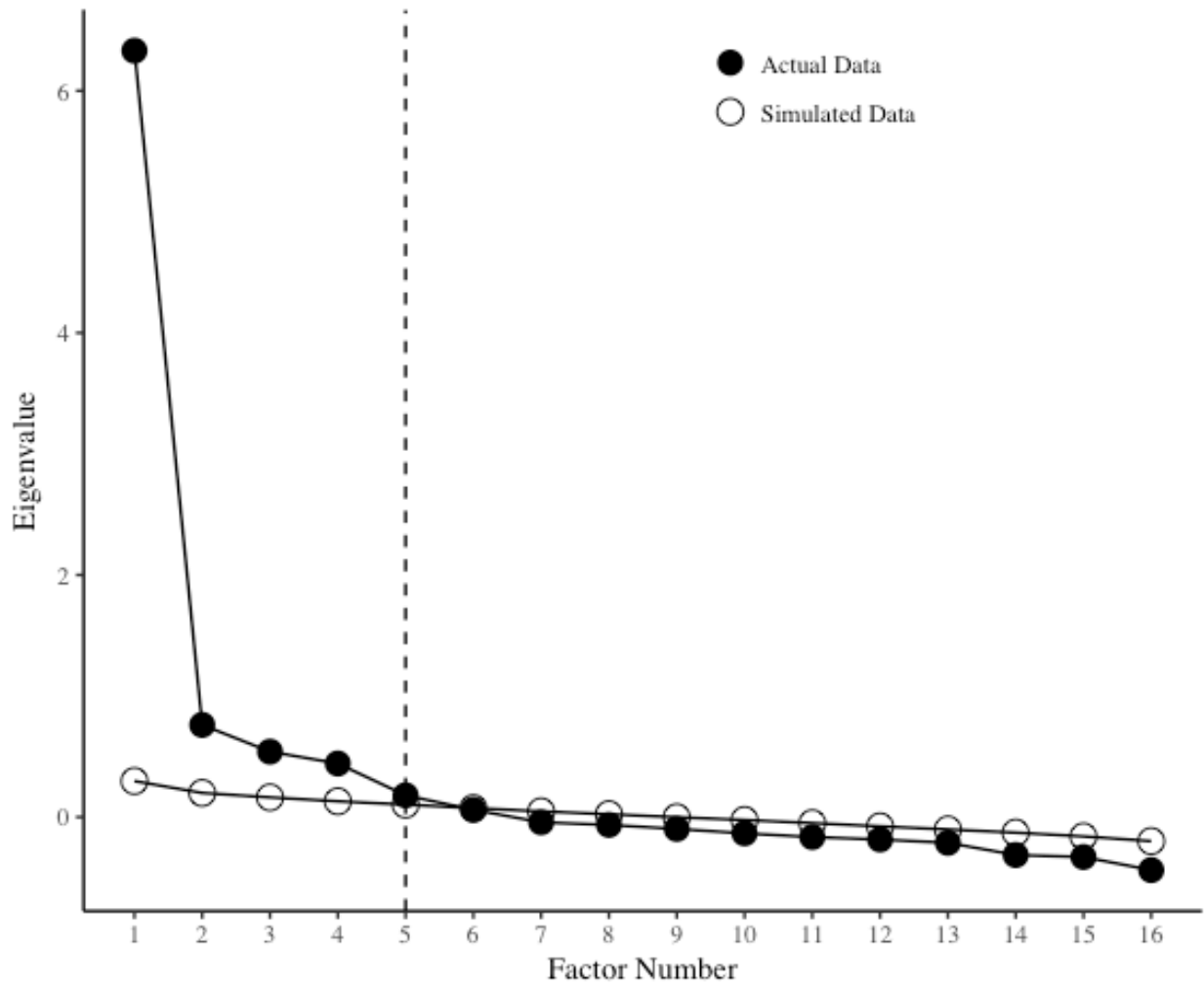
Figure 4. Scree plot of parallel analysis for KABC-II 16 subtest core and supplementary battery configuration (ages 13-18).