

A SCREENING TOOL FOR LITERACY SKILLS

Appendix A

Characteristics of zones (data in 2017 from the French Ministry of Education)

	REP+	REP	out of REP
% of workers and unemployed	74.3	60	37.8
% of managers and teachers	8.3	16.8	35.6

Note. REP: Réseau d'Education Prioritaire (zone with specific educational needs).

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Appendix B

Mean scores (standard deviations) of items in each task

Task	item	mean	sd
LNK			
	LnG	.72	.45
	LnP	.81	.40
	LnR	.76	.43
	LnV	.69	.46
	LnD	.74	.44
	LnB	.71	.45
	LnC	.77	.42
	LnJ	.77	.42
	LnQ	.79	.41
	LnT	.79	.41
OdT			
	OSy1	.60	.49
	OSy2	.69	.46
	OSy3	.65	.48
	OSy4	.49	.50
	OSy5	.59	.49
	OSy6	.53	.50
	OPh1	.40	.49
	OPh2	.36	.48
	OPh3	.48	.50
SyD			
	DSy1	.64	.48
	DSy2	.64	.48
	DSy3	.62	.49
	DSy4	.57	.49
	DSy5	.61	.49
	DSy6	.50	.50
Voc			

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W1	.72	.45
W2	.65	.48
W3	.93	.26
W4	.85	.36
W5	.78	.42
W6	.66	.47
W7	.52	.50
W8	.74	.44
W9	.82	.38
W10	.85	.36

Notes. LNK: letter-name knowledge; OdT: oddity task; SyD: syllabic deletion; Voc: vocabulary.

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Appendix C

Results of IRT-2PL model for each item in each task

latent ability	item	discrimination coefficient (s e)	difficulty coefficient (s e)
in letter name task			
	P	1.48 (.04)	-1.32 (.03)
	C	1.52 (.04)	-1.09 (.02)
	Q	2.00 (.05)	-1.05 (.02)
	T	2.18 (.06)	-1.03 (.02)
	J	2.09 (.06)	.95 (.02)
	R	2.36 (.06)	-.87 (.02)
	D	2.00 (.05)	-.85 (.02)
	G	1.83 (.05)	-.79 (.02)
	B	1.89 (.05)	-.75 (.02)
	V	2.26 (.06)	-.64 (.02)
in oddity task			
	OSy2	.75 (.03)	-1.21 (.05)
	OSy3	1.53 (.05)	-.60 (.02)
	OSy1	1.06 (.04)	-.50 (.02)
	OSy5	1.33 (.04)	-.36 (.02)
	OSy6	1.19 (.04)	-.14 (.02)
	OSy4	1.13 (.04)	.02 (.02)
	OPh3	.99 (.03)	.10 (.02)
	OPh1	.72 (.03)	.60 (.03)
	OPh2	.75 (.03)	.84 (.04)
in syllable deletion task			
	SyD1	1.72 (.05)	-.49 (.02)
	SyD2	2.08 (.06)	-.47 (.02)
	SyD3	1.96 (.05)	-.39 (.02)
	SyD5	1.98 (.05)	-.37 (.02)

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SyD4	1.97 (.05)	-.24 (.02)
SyD6	1.37 (.04)	-.02 (.02)
in receptive vocabulary task		
W3	2.04 (.09)	-1.92 (.04)
W4	1.5 (.05)	-1.55 (.04)
W10	1.58 (.06)	-1.51 (.04)
W1	.71 (.03)	-1.48 (.06)
W8	.82 (.03)	-1.47 (.06)
W5	1.08 (.04)	-1.42 (.04)
W9	1.50 (.05)	-1.41 (.04)
W6	.73 (.03)	-1 (.05)
W2	.74 (.03)	-.94 (.04)
W7	.82 (.03)	-.13 (.03)

Notes. Sy: syllables; Ph: phoneme; W: word; s e: standard error.