Kent Academic Repository

Full text document (pdf)

Citation for published version

Yurtaeva, Katya and Abbot-Smith, Kirsten and Gagarina, Natalia (2019) Parental screening measures for language development in Russian. In: Typical and Atypical Language Development Symposium, 4th September 2019, Centre for Language and Brain, National Research University Higher School of Economics, Moscow, Russia..

DOI

Link to record in KAR

https://kar.kent.ac.uk/75798/

Document Version

Presentation

Russian-speaking **parents' assessment** of child language **correlates with an assessment** of vocabulary production.

Parental screening measures for language development in Russian.

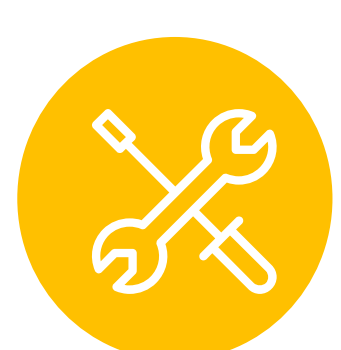Ekaterina Yurtaeva, Kirsten Abbot-Smith, & Natalia Gagarina

INTRODUCTION

BACKGROUND

- There are scarcely any standardised tests for assessing child language in Russian speakers (i.e. Russian Language Proficiency Test for Children (Gagarina, 2011), Cross- Linguistic Lexical Task (Gagarina & Nenonen, 2017), & Literacy Tasks in Russian (Lindgren et al., in press)).
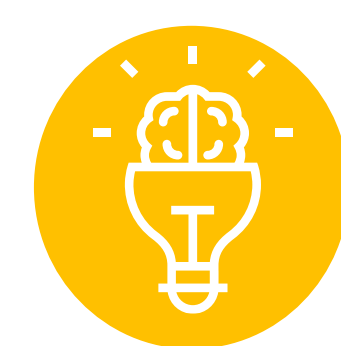
RESEARCH QUESTIONS

- Do the scores on any of the **parent-reported measures** of core language relate to the scores on any of the **direct measures** of core language?
- Do the scores on the **parent-reported measure** of pragmatic language relate to the scores on any of the **direct measures** of pragmatic competence?
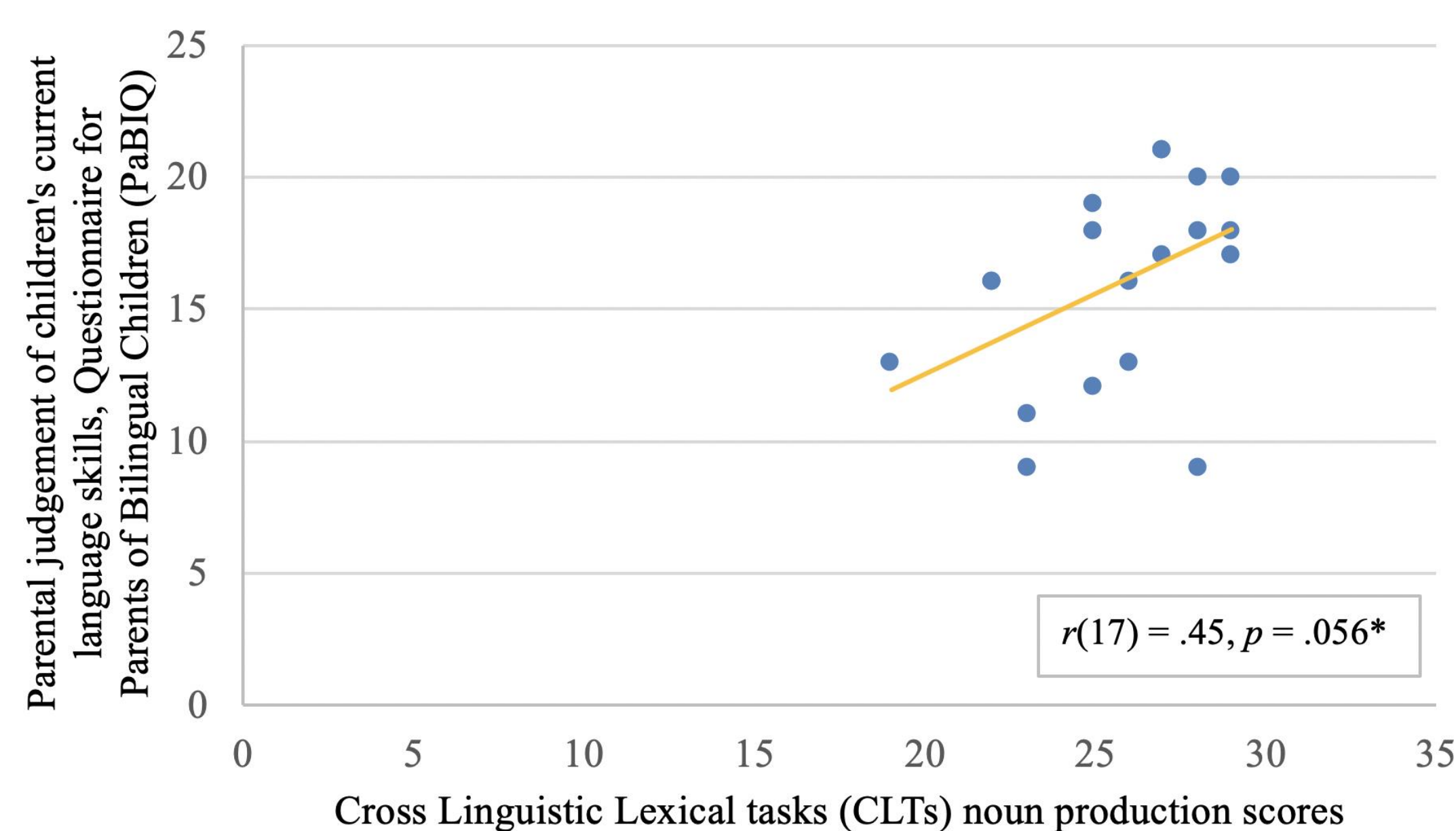
	Direct Measures	Parent-Reported Measures
Core Language	Cross-Linguistic Lexical Tasks (CLTs; Gagarina & Nenonen, 2017)	Questionnaire for Parents of Bilingual Children (PaBIQ; Tuller, 2015): Risk Factor Measures (No Risk Index and Current Language Skills)
Pragmatic Language	Multilingual Assessment Instrument for Narratives (MAIN; Gagarina et al., 2012)	Children's Communication Checklist-2 (CCC-2; Bishop, 2003)

METHOD

- 19 typically developing 4;0 – 6;8 year-olds from a local primary school in Belgorod, Russia, and their parents.

RESULTS

Relationship between parental report of children's Current Language Skills and direct assessment of noun production

$r(17) = .45, p = .056*$

Cross Linguistic Lexical tasks (CLTs) noun production scores

Parental judgement of children's current language skills, Questionnaire for Parents of Bilingual Children (PaBIQ)

The relationship remained significant after controlling for the effects of age ($r(16) = .52, p = .027$).

Measure	1	2	3	4	5	6	7	8	9	10	11
1) PaBIQ 'Current Language Skills'											
2) PaBIQ 'No Risk Index'	.51*										
3) CCC-2 GCC	.53*	.46*									
4) CCC-2 GenPragC	.43	.35	.96**								
CLTs											
5) Nouns	.52*	.15	.04	.28							
6) Verbs	.25	-.09	.29	.21	.53*						
7) Overall	.41	-.01	.40	.27	.83**	.92**					
MAIN											
8) SS	.38	.18	.24	.19	.23	.29	-.09				
9) SC	.20	.27	.11	-.04	.34	-.10	.09	.67*			
10) IST	.27	.20	.25	.14	.25	-.09	.05	.72*	.66**		
11) Pragmatic language total	.31	.22	.18	.06	.42	-.01	.19	.89**	.87**	.90**	
12) Type/Token ratio	-.02	-.09	.01	.09	-.18	.07	-.04	-.44*	-.39	-.45*	-.48*

Note. GCC, General Communication Composite; GenPragC, General Pragmatic Composite; SS, Story Structure; SC, Structural Complexity; IST, Internal State Terms

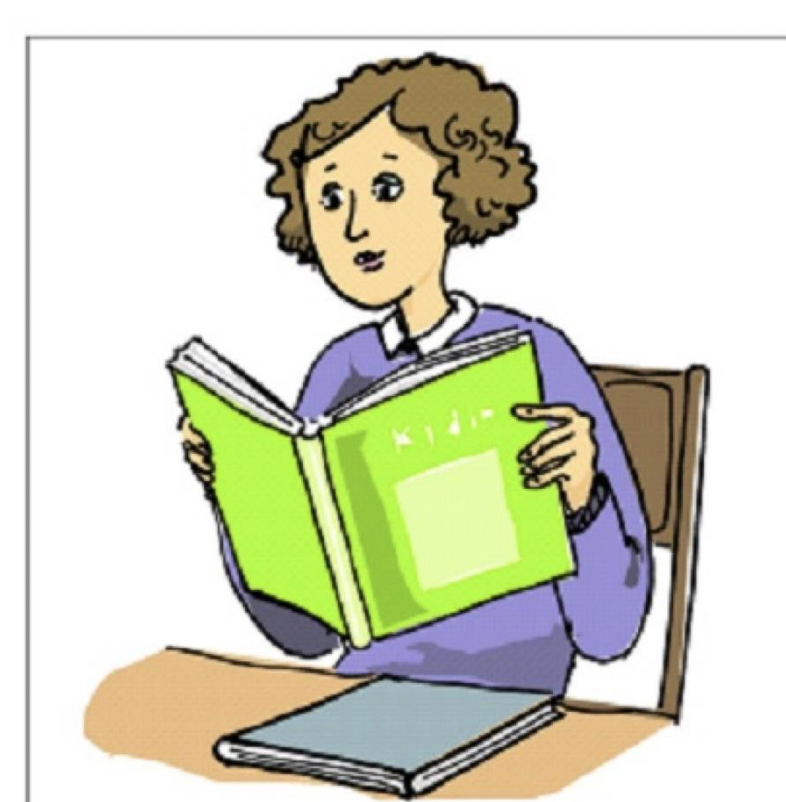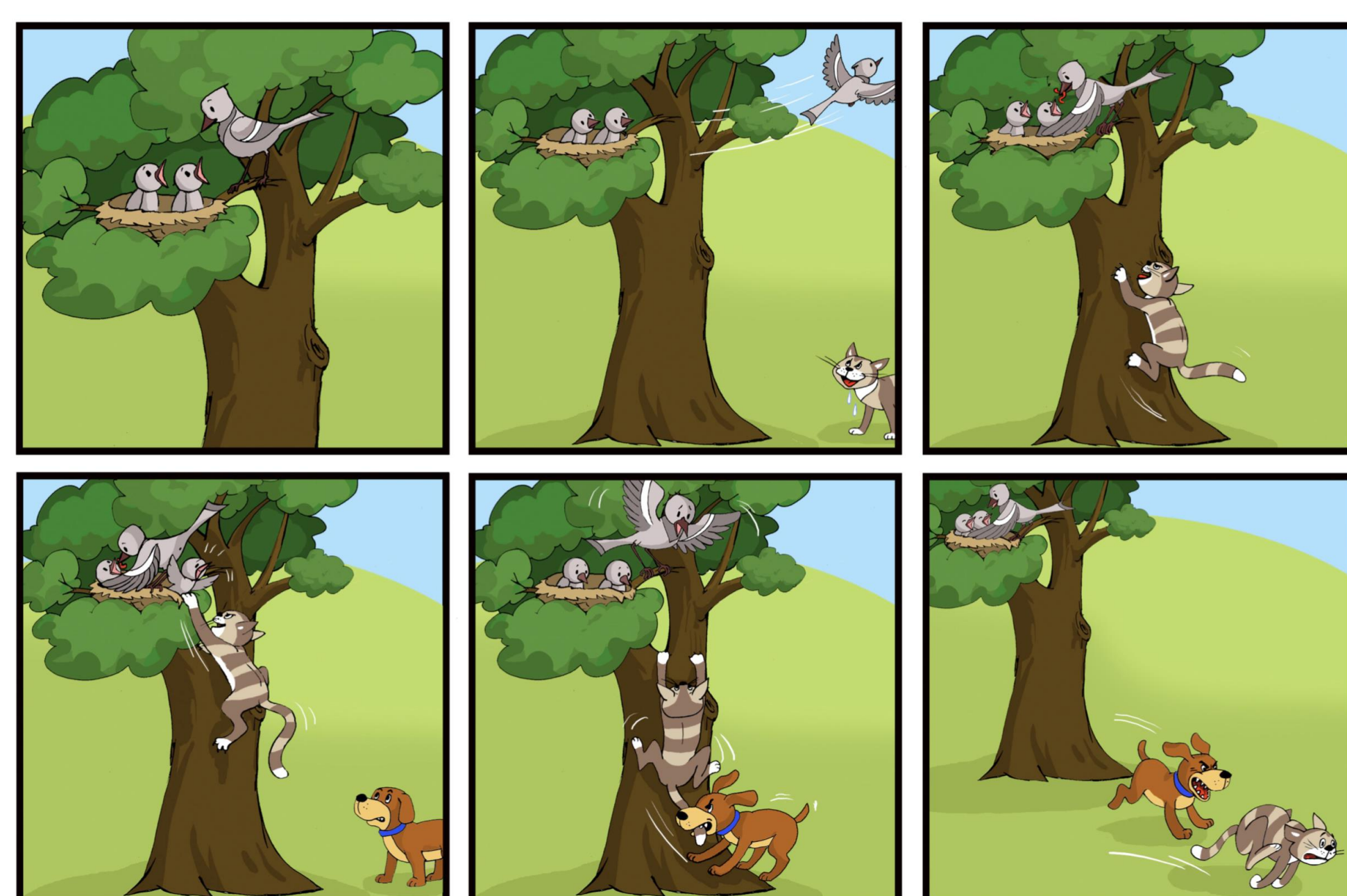*Summary of multiple regression analysis for variables predicting CLTs noun production*

Step	Variable	b	SE	t	sr^2
1	Constant			.00	
	Age	.17	.05	3.53**	.42
2	Age	.16	.04	3.80**	.38
	Current Language Skills	.29	.12	2.43*	.16

Note. $* = p < .05$

$** = p < .01$

The full model explained 58% of variance in the CLTs noun production scores.

CLT; Gagarina & Nenonen, 2017

MAIN; Gagarina et al., 2012

Leibniz-Zentrum Allgemeine Sprachwissenschaft

University of Kent