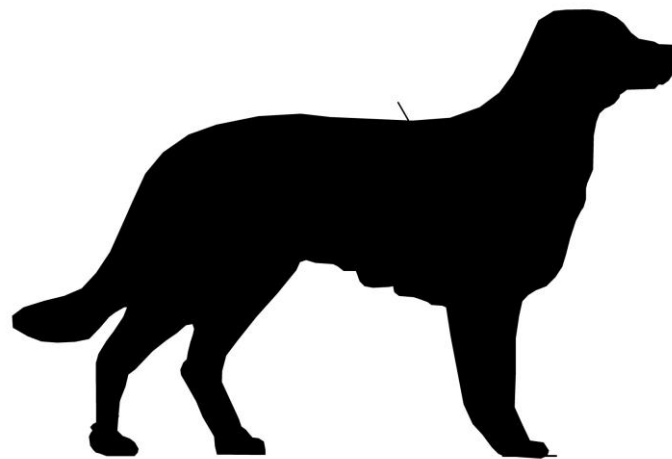


Examining the Relationship Between Music Training and Early Reading Skills in Children

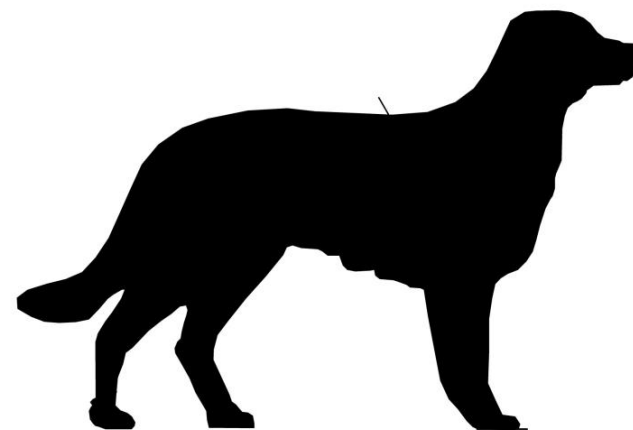
Elise Byfield &
Kathleen Corrigan

Dog

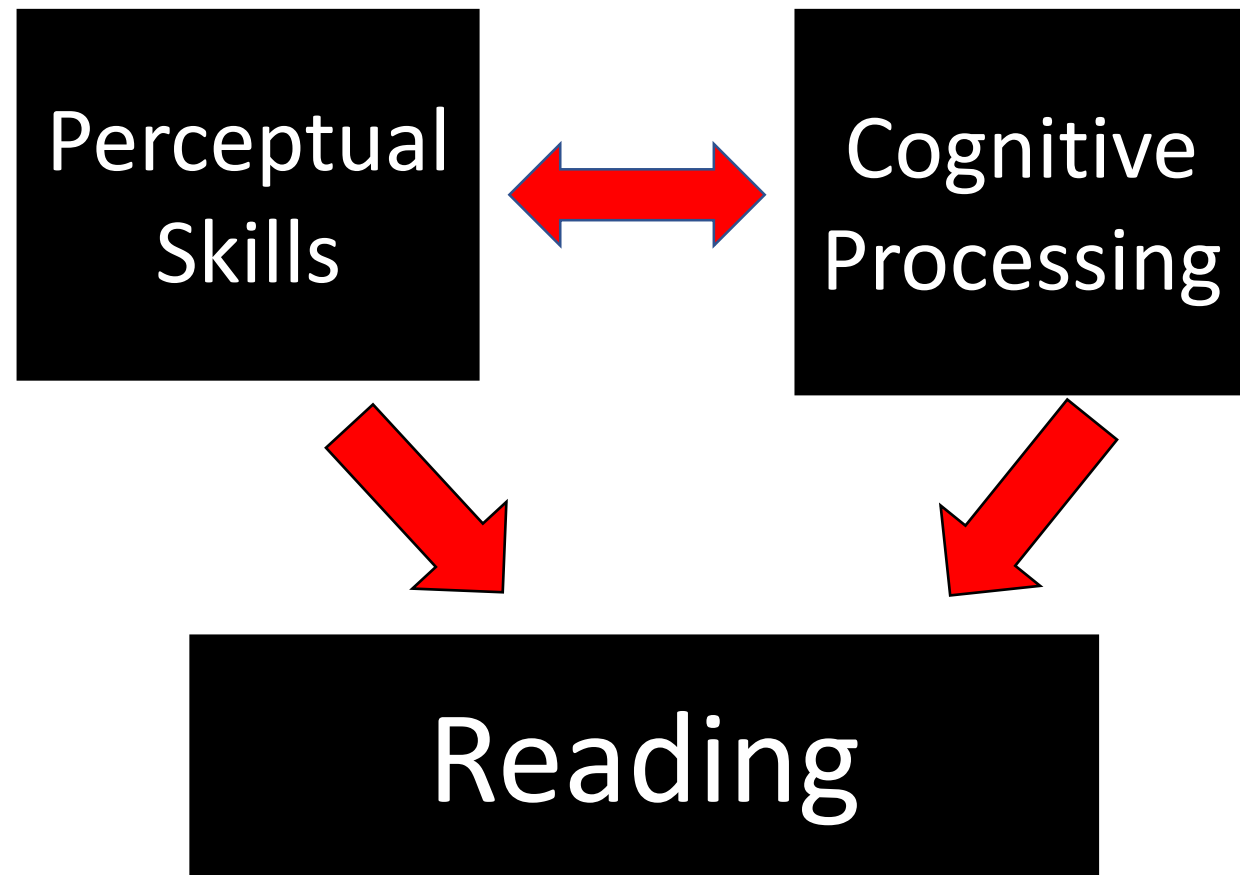
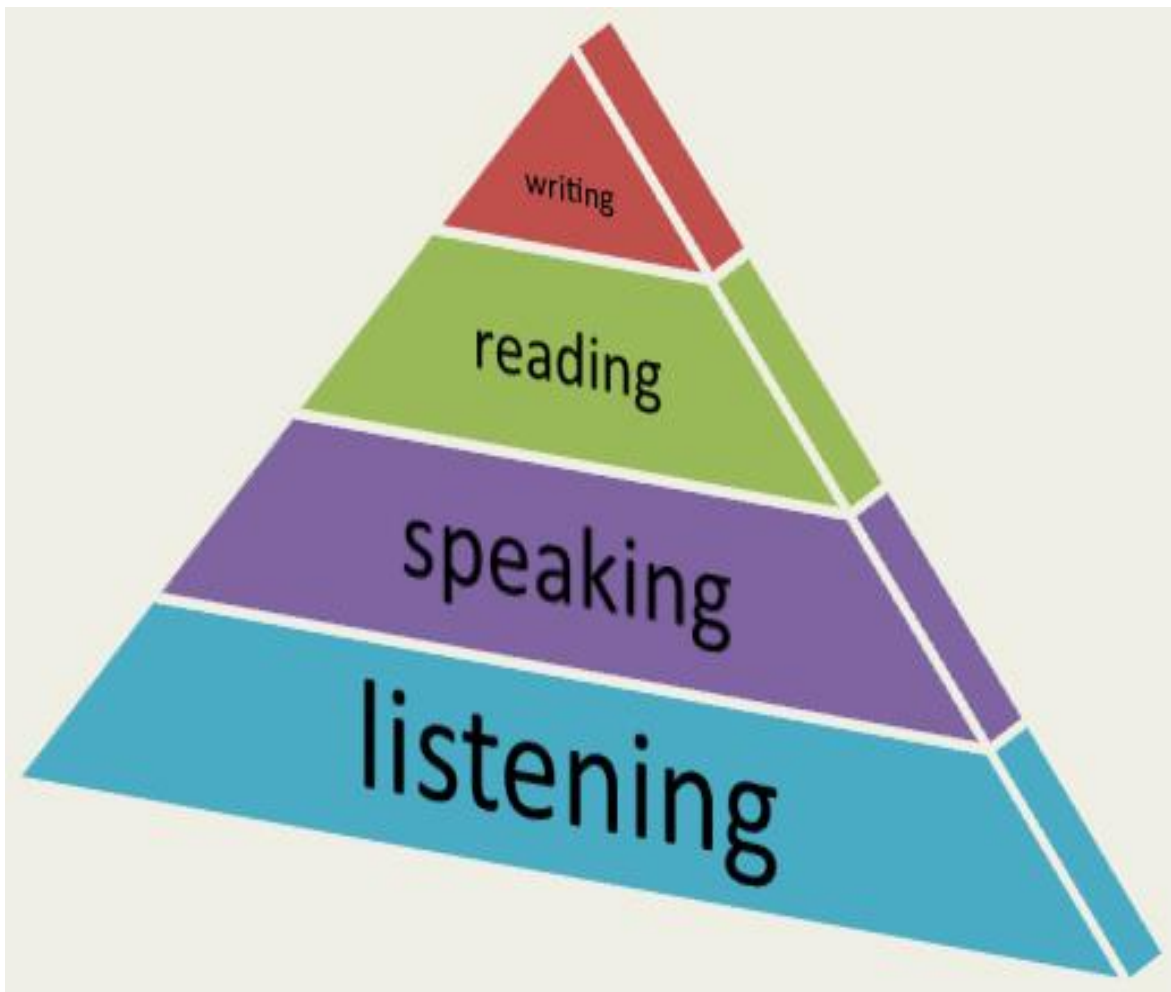


Dog

D A W G

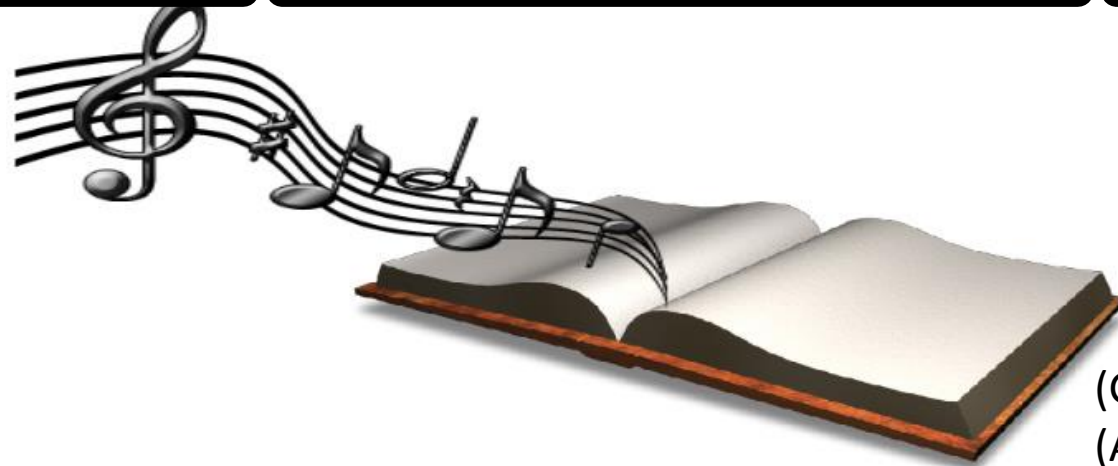


Why?



(Gordon, Fehd, & McCandliss, 2015)

Past Research



(Gordon, Fehd, & McCandliss. 2015)
(Anvari et al., 2002)

What Perceptual Abilities?

➤ Pitch?

➤ Beat?

➤ Rhythm?

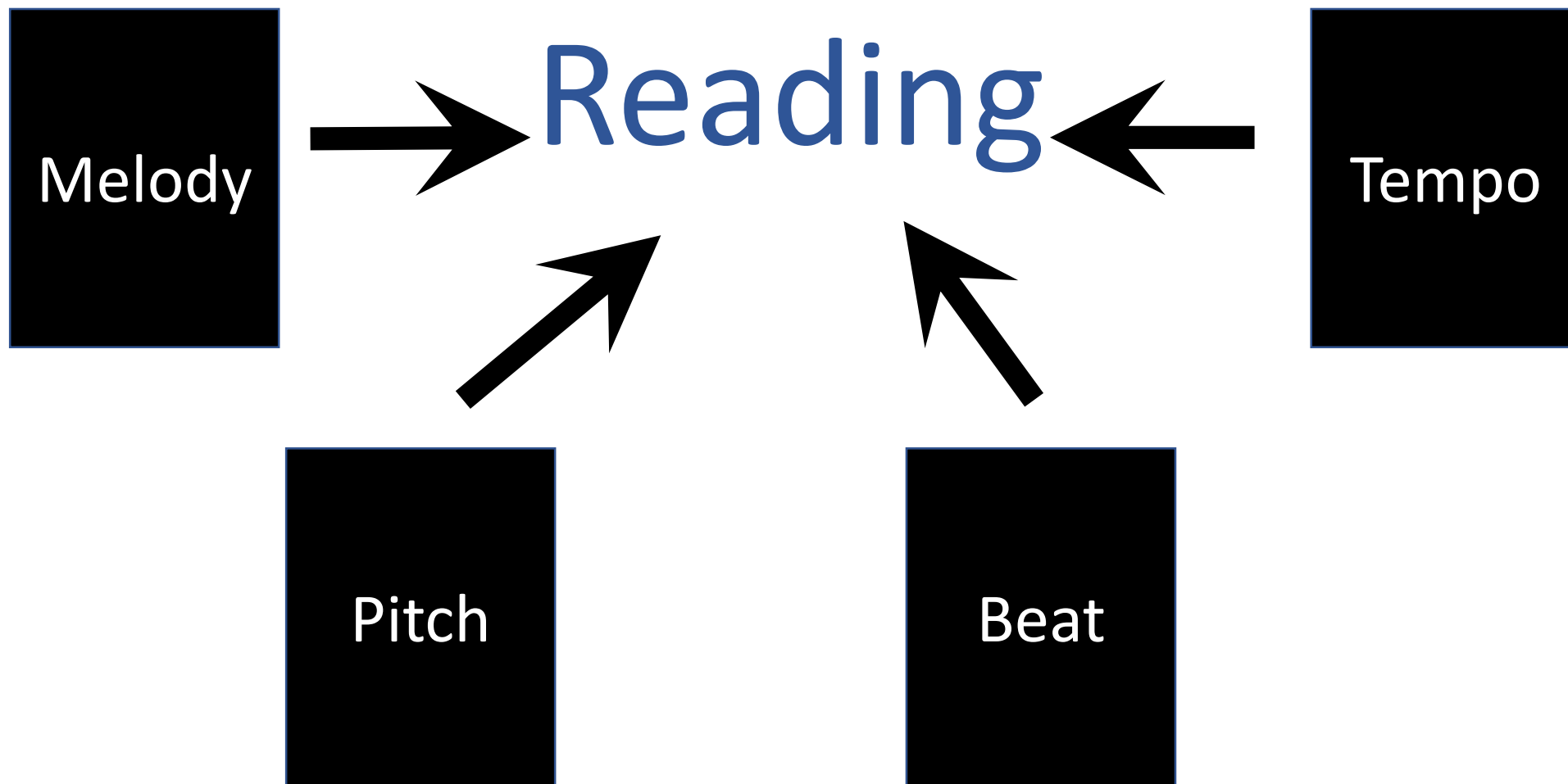
Problems in Past Research

Pure Tones

Cognitive Controls

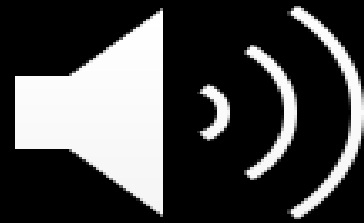


Hypothesis



Methods

Mini-Profile of Musical Perception Skills (PROMS)



Methods

Beat Alignment Test (BAT)



Methods

Wide Range Achievement Test IV (WRAT)

Word Reading

see

wrap

privilege

conspiracy

Spelling Test

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Name: _____



Methods

Peabody Picture Vocabulary Test (PPVT)

“Look at these pictures, put your finger on the picture that shows the table”



Methods

Parent Questionnaire

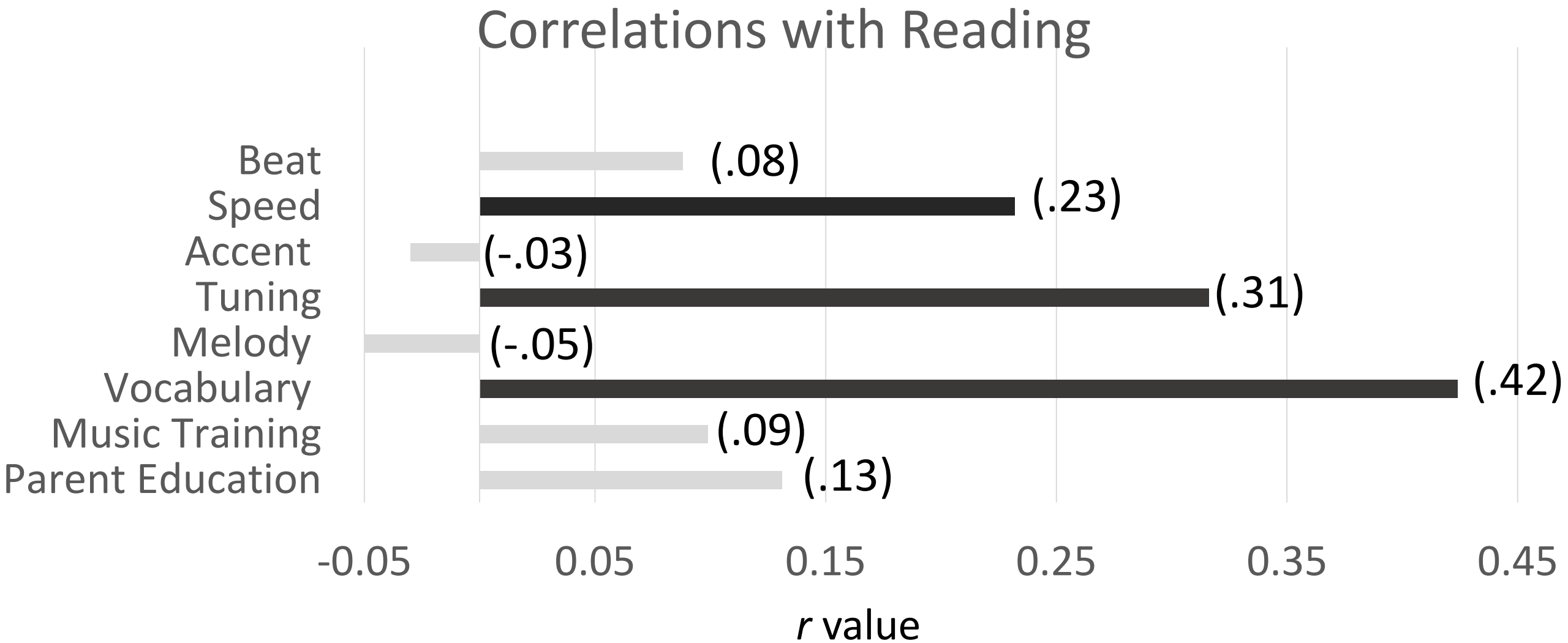
- Demographic
- Hours spent reading
- Music training
- Non-music extracurriculars
- Big 5 Inventory (BFI)

Results

Sample Characteristics

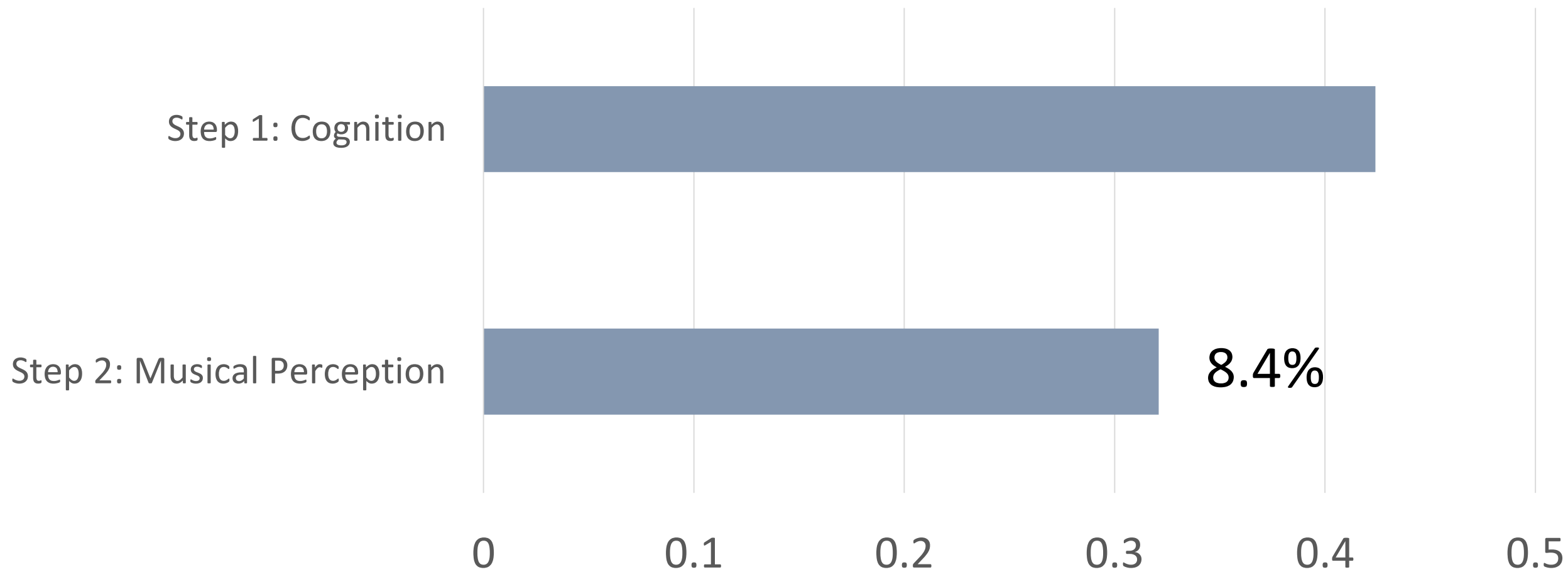
- $n= 120$ children, 109 returned questionnaires
- ages 6 to 10
- 39 children with music training

Simple Correlations

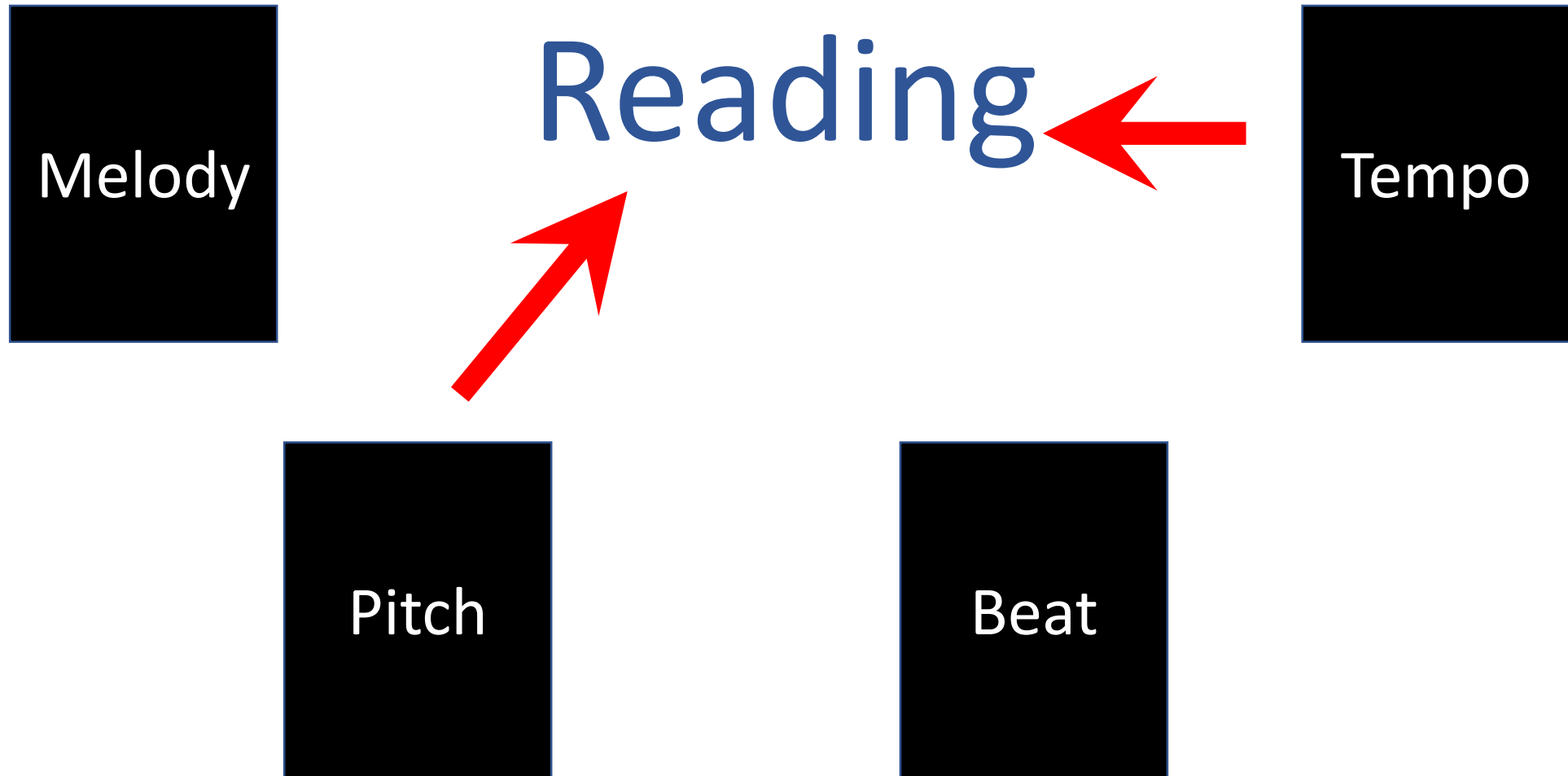


Hierarchal Regression

Hierarchal Regression



Discussion



Implications



Thank you!

Sturgeon Heights
School

Katie Corrigall

Jenna Rimstad

Erica Burdzy

Anna Richardson



Questions?

References

Anvari, S. H., Trainor, L. J., Woodside, J., & Levy, B. A. (2002). Relations among musical skills, phonological processing, and early reading ability in preschool children. *Journal of Experimental Child Psychology, 83*, 111-130.

Gordon, R. L., Fehd, H. M., & McCandliss, B. D. (2015). Does music training enhance literacy skills? A meta analysis. *Frontiers in psychology, 6*.