Neuropsychological correlates of reading and writing in children with developmental dyslexia

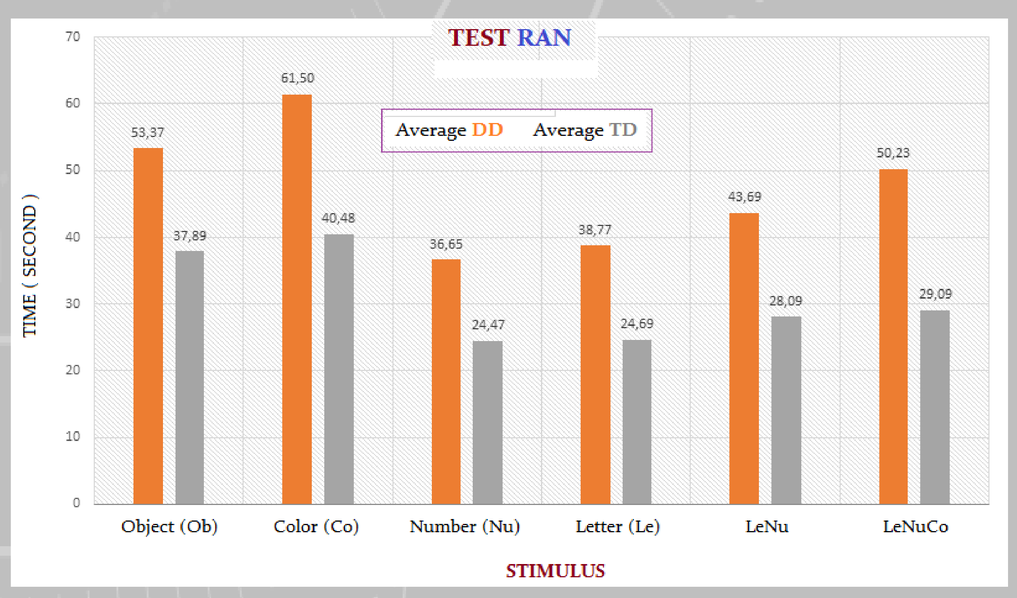
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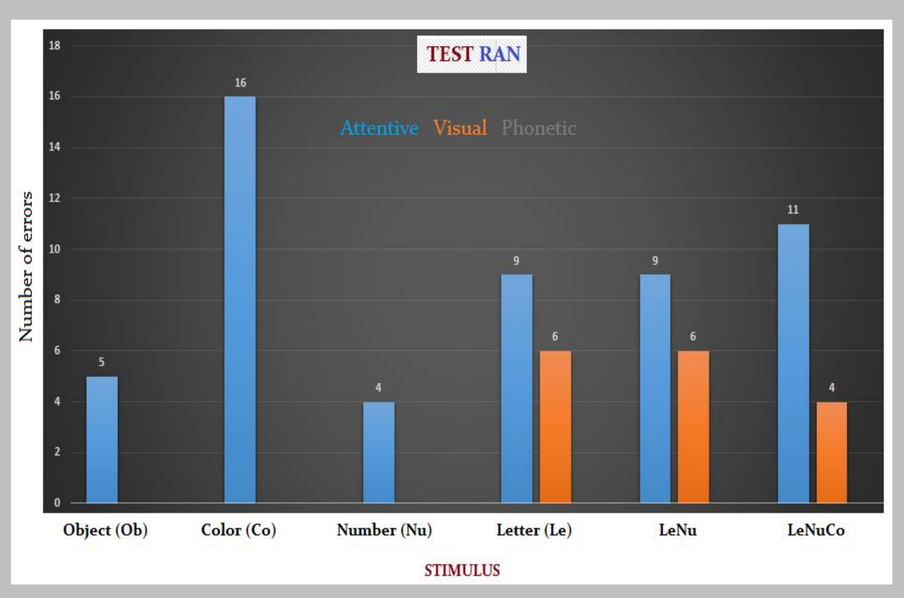
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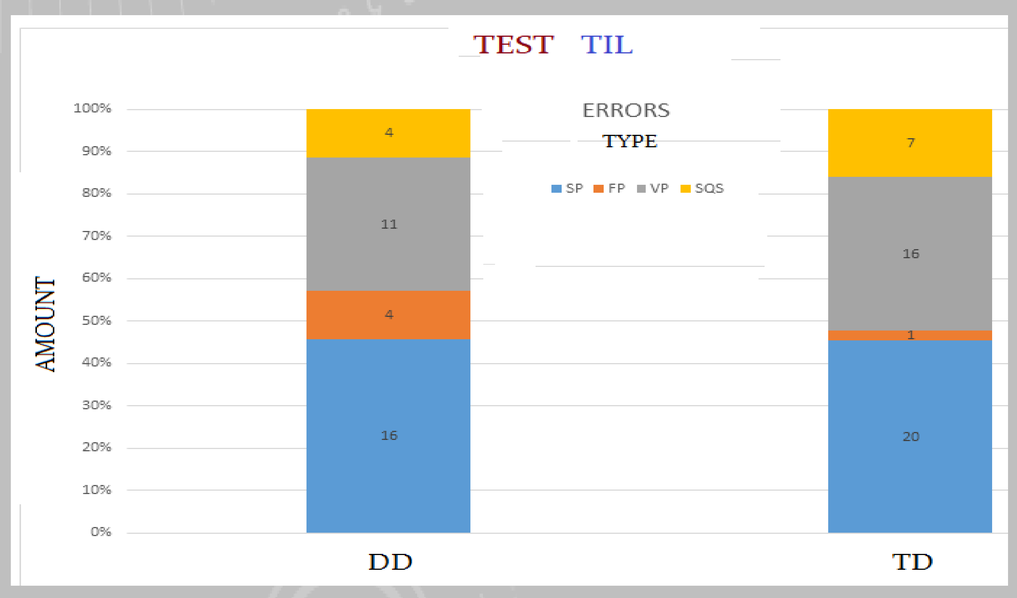
INTRODUCTION

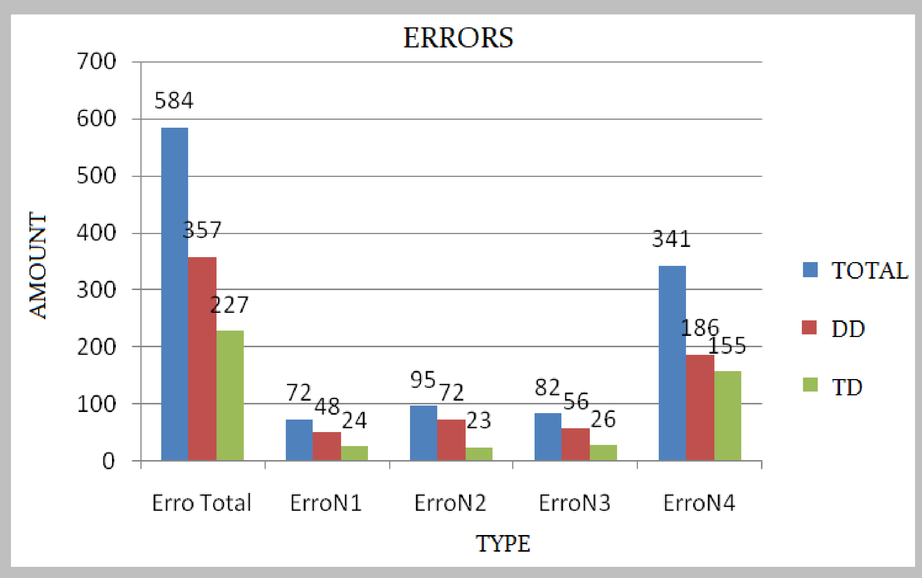
People with developmental dyslexia (DD) would have difficulty reading words accurately and quickly, writing by phonographic coding and reading by grapheophic decoding [1-2]. Cognitive abilities of reading and writing were evaluated in two groups of primary school students: 23 with DD and 23 with typical development (TD) of the state of São Paulo, Brazil

RESULTS









CONCLUSIONS

It was found high association and similarity between the tests. The DD revealed inferior performances for the writing compared to the DT and difficulty in reading of grafophonetically irregular words, speed, accuracy and fluency, expressing significant difficulty of access to the lexicon

References

[1] Fletcher, J M . Dyslexia: The evolution of a scientific concept. J Int Neuropsychol Soc . 2009 July ; 15(4): 501–508. doi:10.1017/S1355617709090900.

[2] Þórarinsdóttir, E. A; Daníelsdóttir, H. B. The role of visual processing in reading ability and disability: Can dyslexia be partially traced to a deficit in statistical learning? https://skemman.is/bitstream/1946/20852/1/BS_Elin_Hilda.pdf. 2015

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ASSOCIAÇÃO BRASILEIRA DE DISLEXIA