



Universiteit
Leiden
The Netherlands

Mind the reading mind: a multifaceted and methodologically diverse approach to investigating the role of attentional control and feedback in reading comprehension

Swart, E.K.

Citation

Swart, E. K. (2021, June 8). *Mind the reading mind: a multifaceted and methodologically diverse approach to investigating the role of attentional control and feedback in reading comprehension*. Retrieved from <https://hdl.handle.net/1887/3185501>

Version: Publisher's Version

License: [Licence agreement concerning inclusion of doctoral thesis in the Institutional Repository of the University of Leiden](#)

Downloaded from: <https://hdl.handle.net/1887/3185501>

Note: To cite this publication please use the final published version (if applicable).

Cover Page



Universiteit Leiden



The handle <https://hdl.handle.net/1887/3185501> holds various files of this Leiden University dissertation.

Author: Swart, E.K.

Title: Mind the reading mind: a multifaceted and methodologically diverse approach to investigating the role of attentional control and feedback in reading comprehension

Issue Date: 2021-06-08

Mind the Reading Mind:

**A Multifaceted and Methodologically Diverse Approach to
Investigating the Role of Attentional Control and Feedback in
Reading Comprehension.**

Elise K. Swart

ISBN: 978-90-831496-1-5

Cover design and printed by: Proefschriftenprinten.nl – The Netherlands

© E. K. Swart, 2021

All rights are reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means, mechanically, by photocopy or otherwise, without prior written permission of the author.

Mind the Reading Mind:

A Multifaceted and Methodologically Diverse Approach to Investigating the Role of Attentional Control and Feedback in Reading Comprehension.

PROEFSCHRIFT

ter verkrijging van

de graad van doctor aan de Universiteit Leiden,

op gezag van rector magnificus prof.dr.ir. H. Bijl,

volgens besluit van het college voor promoties

te verdedigen op dinsdag 8 juni 2021

klokke 15.00 uur

door

Elise Karolina Swart

geboren te Dordrecht

in 1991

Promotor Prof. dr. C. A. Espin

Copromotor Dr. T. M. Sikkema-de Jong

Promotiecommissie Prof. dr. P. F. Wouters
Prof. dr. L. R. A. Alink
Prof. dr. J. Mesman
Prof. dr. A. E. M. G. Minnaert (Rijksuniversiteit Groningen)
Dr. S. Shaul (University of Haifa, Israël)

Table of Contents

Chapter 1	General Introduction	7
Chapter 2	Frontal Theta/Beta-Ratio (TBR) as Potential Biomarker for Attentional Control During Reading in Healthy Females	19
Chapter 3	The Effects of Increased Dopamine-Levels on Attentional Control During Reading and Reading Comprehension	45
Chapter 4	Supporting Learning From Text: A Meta-Analysis on the Timing and Content of Effective Feedback	75
Chapter 5	Explaining the Effect of Feedback on Reading Comprehension: A Meta-Analysis on the Effects of Feedback on the Use of Reading Strategies and Motivational Aspects	129
Chapter 6	Summary and General Discussion	151
	Samenvatting (Summary in Dutch)	165
	References	179
	Nawoord (Epilogue)	211
	Curriculum Vitae	215
	List of Publications	219