

Topic 14 – Core Reference List

Aidman, E. (2020). Cognitive fitness framework: towards assessing, training and augmenting individual-difference factors underpinning high-performance cognition. *Frontiers in human neuroscience*, 13. <https://doi: 10.3389/fnhum.2019.00466>.

Adam, K.C.S., & Vogel, E.K. (2018). [Improvements to visual working memory performance with practice and feedback](#). *PLoS One*, 13(8), e0203279. doi: 10.1371/journal.pone.0203279. PubMed PMID: 30161210. PMCID: PMC6117037.

Burgoyne, A. P., & Engle, R. W. (2020). Attention control: A cornerstone of higher-order cognition. *Current Directions in Psychological Science*, 29(6), 624-630. <https://doi.org/10.1177/0963721420969371>

deBettencourt, M.T., Keene, P.A., Awh, E., & Vogel, E.K. (2019). [Real-time triggering reveals concurrent lapses of attention and working memory](#). *Nature Human Behaviour*. Advance online publication. doi: 10.1038/s41562-019-0606-6. PubMed PMID: 31110335.

Draheim, C., Pak, R., Draheim, A., & Engle, R. W. (2021). The role of attention control in complex real-world tasks. *Psychonomic Bulletin & Review*. <https://doi.org/10.3758/s13423-021-02052-2>

Draheim, C., Tsukahara, J. S., Martin, J. D., Mashburn, C. A., & Engle, R. W. (2021). A toolbox approach to improving the measurement of attention control. *Journal of Experimental Psychology: General*, 150(2), 242–275. <https://doi.org/10.1037/xge0000783>

Rueda, M.R., Pozuelos, J.P. & Combita, L.M. (2015). Cognitive neuroscience of attention: From brain mechanisms to individual differences in efficiency. *AIMS Neuroscience*, 2, 4, 183-202. <https://doi.org/10.3934/Neuroscience.2015.4.183>

Tang, Y.Y. & Posner, M.I. (2014). Training brain networks and states. *Trends in Cognitive Science*, <https://www.sciencedirect.com/science/article/abs/pii/S1364661314000849>

Widge, A.S., Zorowitz, S., Basu, I. Paulk, A., Cash, S., Eskandar, E., Deckersbach, T., Miller, E.K., and Dougherty, D. (2019) Deep brain stimulation of the internal capsule enhances human cognitive control and prefrontal cortex function. *Nature Communications*. <https://doi.org/10.1038/s41467-019-09557-4>

Freund, M.C., Etzel, J.A. & Braver, T.S. (2021) Neural coding of cognitive control: The representational similarity analysis approach, *Trends in Cognitive Science*, 25, 7. <https://doi.org/10.1016/j.tics.2021.03.011>