

Substitute Assignment

Fukuda Lab

Instructions:

Click on the following article and answer the following questions in 2-3 pages (double-spaced).

[Fukuda, K., Awh, E. & Vogel, E. K. Discrete capacity limits in visual working memory. *Current opinion in neurobiology* 20, 177-182, doi:10.1016/j.conb.2010.03.005 \(2010\).](#)

1. What does working memory allow us to do?
2. All the researchers agree that the capacity of visual working memory is severely limited. However, they disagree as to how the capacity limit should be characterized. Name and define two models of working memory capacity.
3. In this paper, the authors argued that one model has more preferable set of evidence over the other model. Which model is better supported by the evidence according to the authors? Please make sure to include at least two pieces of evidence that better support the selected model over the alternative.
4. Do you agree with the authors about their conclusion and why? Feel free to use citations or your original ideas to support your answer.

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