



Comparison of methods in research of visual working memory capacity

By Domagoj svegar

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Taschenbuch. Book Condition: Neu. 221x149x12 mm. Neuware -

The main topic of the book is a review and a comparison of

behavioral research methods in the field of visual working

memory (VWM) capacity research. After analysis of existing

procedures for memory capacity assessment, the author

constructed a new formula for VWM capacity estimation.

Unlike procedures derived from signal detection theory, this

new method estimates VWM capacity directly via percentages

of correct answers. After considering a series of theoretical

simulations and empirical data obtained on healthy

participants, new formula was proven to be more accurate

compared to existing methods. It was demonstrated that it

does not tend to overestimate true VWM capacity, nor it is at all

affected by the criterion of responding. Unlike some

procedures, the new method can be applied in various sorts of

economical experimental designs. 96 pp. English.

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Reviews

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