

BYUNG-IL OH

bioh.inbox@gmail.com

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EDUCATION	Sungkyunkwan University <ul style="list-style-type: none">- Bachelor of Arts in Psychology- Bachelor of Science in Engineering, Interdisciplinary Program of Convergence Software	Republic of Korea 2020
RESEARCH EXPERIENCES	Research Assistant (Advisor: Prof. Min-Suk Kang), Visual Cognitive Neuroscience Lab, Sungkyunkwan University Intern (Advisor: Prof. Jun-Yeol Lee), Sensorimotor Cognition Lab, Center for Neuroscience Imaging Research	Seoul, Republic of Korea Feb. 2015 – Aug. 2018 Suwon, Republic of Korea Jun. 2016 – Jul. 2016
PUBLICATIONS	<ol style="list-style-type: none">1. Oh, B.-I., Kim, Y.-J., Kang, M.-S. (2019). Ensemble representations reveal distinct neural coding of visual working memory. <i>Nature Communications</i>. 10, 5665.2. Son, G., Oh, B.-I., Kang, M.-S., & Chong, S. C. (2019). Similarity-based clusters are representational units of visual working memory. <i>Journal of Experimental Psychology: Learning, Memory, and Cognition</i>.3. Kang, M.-S. & Oh, B.-I. (2016). Grouping influences output interference in short-term memory: a mixture modeling study. <i>Frontiers in Psychology</i>, 7, 585.	
PRESENTATIONS	<ol style="list-style-type: none">1. Oh, B.-I. & Kang, M.-S. (2018). Cluster representation during maintenance in visual working memory. Poster presented at the 18th Annual Meeting of <i>Korean Society for Cognitive and Biological Psychology</i>, Suwon, Republic of Korea.2. Oh, B.-I. & Kang, M.-S. (2017). Time is needed for memory to be biased toward an ensemble average. Poster presented at the 17th Annual Meeting of the <i>Vision Science Society</i>, St. Pete Beach, FL., U.S.	
AWARDS	First Place (among ~300 competitors), BIG DATA Competition, IGAWorks Corporation Third Place (among ~2,000 competitors), Data Science Competition, Naver Corporation & Seoul National University	Republic of Korea Feb. 2020 Republic of Korea Aug. 2019
TECHNICAL SKILLS	<ul style="list-style-type: none">- Familiar with MATLAB, R, Python, TensorFlow, Keras, PyTorch, Stan, PyMC3, Git- Dabbled in C/C++, Java, HTML/CSS, JavaScript, Node.js, Express.js, AngularJS, MySQL	
WORK EXPERIENCES	KATUSA (Korean Augmentation to the United States Army), Republic of Korea Army	Republic of Korea Oct. 2018 – Present