**Byung-Il Oh**

Curriculum Vitae

Cell: +821050630038  
E-mail: bioh.inbox@gmail.com

|  |  |
| --- | --- |
| **EDUCATION** | |
| 2019 | **B.A. in Psychology & B.S. in Convergence Software**  Sungkyunkwan University |

|  |  |
| --- | --- |
| **ACADEMIC EMPLOYMENTS** | |
| 2015.02 – 2018.08 | **Research Assistant**  Department of Psychology, Sungkyunkwan University  Advisor: Min-Suk Kang |
|  |  |
| Summer 2016 | **Summer Internship**  Center for Neuroscience Imaging Research, Institute of Basic Science  Advisor: Jun-Yeol Lee |

|  |
| --- |
| **PUBLICATIONS** |
| 1) **Oh, B.-I.**, Kim, Y.-J., Kang, M.-S. (in prepration). Ensemble representations reveal distinct neural coding of visual working memory.  2) Son, G., **Oh, B.-I.**, Kang, M.-S., & Chong, S. C. (under review). Similarity-based clusters are representational units of visual working memory.  3) Kang, M.-S. & **Oh, B.-I.** (2016). Grouping influences output interference in short-term memory: a mixture modeling study. *Frontiers in Psychology*, *7*:*585*, 1-6. |

|  |
| --- |
| **POSTER PRESENTATIONS** |
| 1) Kang, M.-S., **Oh, B.-I.**, & Kim, Y. (2018). Neural coding schemes of anterior and posterior brain regions in the formation of cluster representation in visual working memory. Poster presented at the 18th Annual Meeting of the *Society for Neuroscience*, SD., U.S.  2) Son, G., **Oh, B.-I.**, Kang, M.-S., & Chong, S. C. (2018). Similarity-based clusters are the representational units of visual working memory. Poster presented at the 18th Annual Meeting of the *Vision Science Society*, St. Pete Beach, FL., U.S.  3) **Oh, B.-I.** & Kang, M.-S. (2018). Cluster representation during maintenance in visual working memory. Poster presented at the 18th Annual Meeting of *Korean Society for Cognitive and Biological Psychology*, Suwon, Republic of Korea.  4) Son, G., **Oh, B.-I.**, Kang, M.-S., & Chong, S. C. (2018). Similarity-based clusters are the representational units of visual working memory. Poster presented at the 18th Annual Meeting of *Korean Society for Cognitive and Biological Psychology*, Suwon, Republic of Korea.  5) **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 *Vision Science Society*, St. Pete Beach, FL., U.S. Abstract published in *Journal of Vision*, *17*(10), 350. |

|  |
| --- |
| **COMPUTATIONAL SKILLS AND TECHNIQUES** |
| **Primary:** MATLAB (+EEGLAB/FieldTrip), Python (+PyMC3), R (+Stan)  **Secondary:** C/C++, C#, Java, HTML/CSS, JavaScript, Django, MySQL, Unity, Arduino, Photoshop |

|  |
| --- |
| **CAMPUS ACTIVITY** |
| **President**  Undergraduate Students Society of Cognitive Psychology  Department of Psychology, Sungkyunkwan University  2015.01 - 2015.12  **Tutor**  Perception (PSY3008-01)  Department of Psychology, Sungkyunkwan University  Spring 2015  **Tutor**  Brain, Mind, and Behavior (PSY3013-01)  Department of Psychology, Sungkyunkwan University  Fall 2016 |