

## Abstract

Previous studies found a detection asymmetry in change detection task. The “same Vs different” task which is similar to the change detection task was used in object recognition. A detection asymmetry might be resulted. Current study investigated the detection asymmetry though showing either addition or deletion of features in test phase, under different inter-stimuli interval (ISI). No significant interaction effect was found. However, asymmetry was observed. Deletion of features was more easily detected than addition of features in experiment which the longest ISI lasted for 3000ms. The phenomenon was reversed in experiment which ISI was lengthened to 5 minutes. Suggesting that factor of occlusion and inclusion of feature could be investigated in more details in object recognition study.