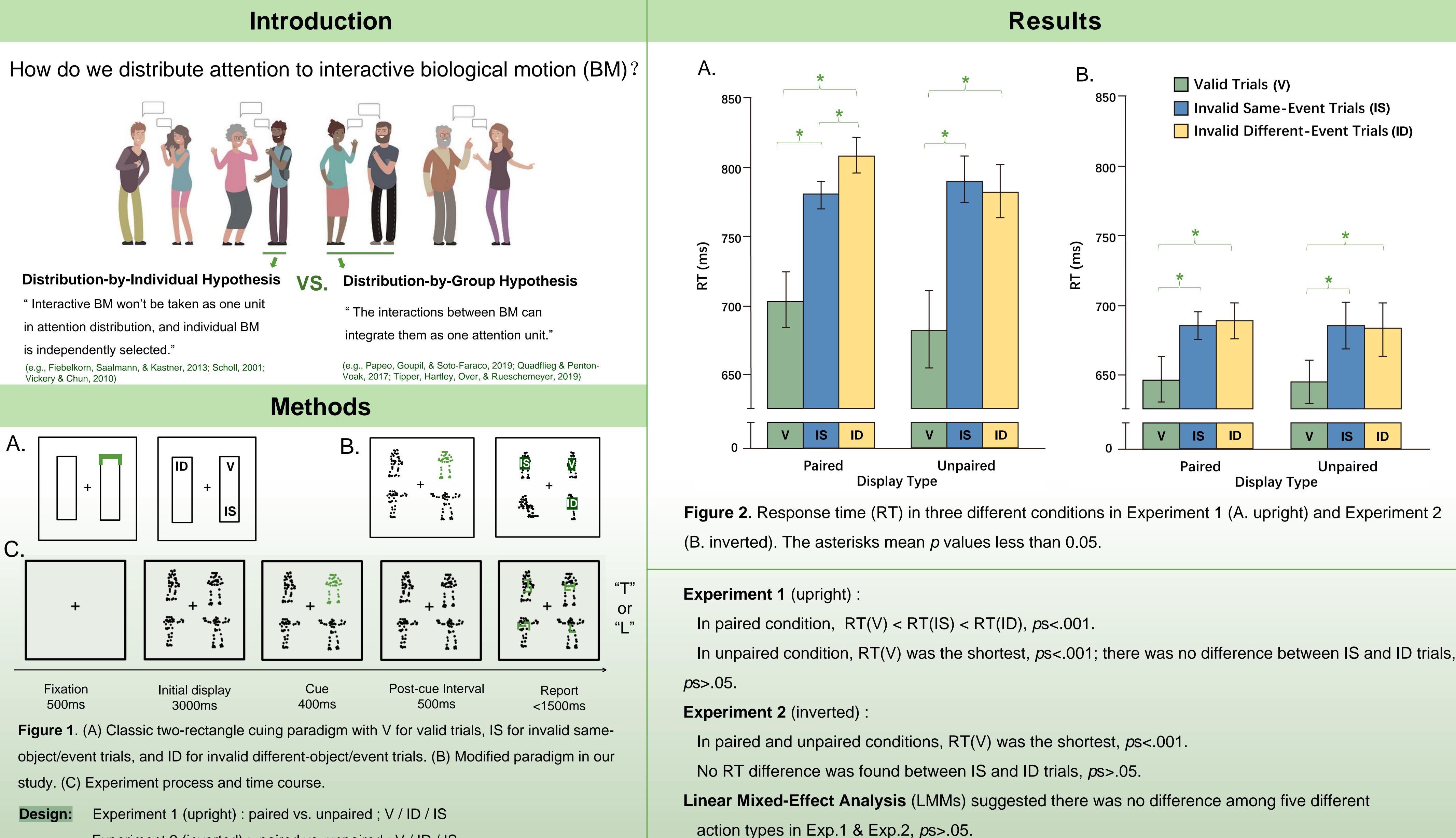


Selective Attention Operates on the Group Level for Interactive Biological Motion

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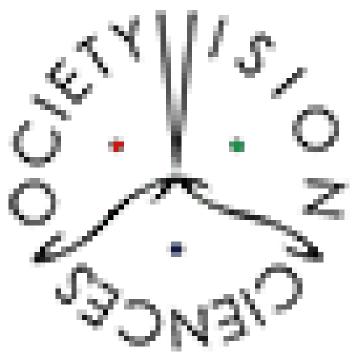






Experiment 2 (inverted) : paired vs. unpaired ; V / ID / IS

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Summary Interactive biological motion can serve as the elementary unit of attention in accordance with the distribution-by-group hypothesis (Exp.1 paired condition), but attention is not selectively distributed to agents in interactions depicted by unpaired (Exp.1 unpaired condition) or inverted biological motion (Exp.2). > There may exist event-based attention where we take social interacting events as the elementary units of selective attention. References Fiebelkorn, I. C., Saalmann, Y. B., & Kastner, S. (2013). Rhythmic sampling within and between objects despite sustained attention at a cued location. Current Biology, 23(24), 2553-2558. Papeo, L., Goupil, N., & Soto-Faraco, S. (2019). Visual search for people among people. Psychological Science, 30(10), 1483-1496. Quadflieg, S., & Penton-Voak, I. S. (2017). The emerging science of people-watching: forming impressions from third-party encounters. Current Directions in Psychological Science, 26(4), 383-389. Scholl, B. J. (2001). Objects and attention: The state of the art. *Cognition*, *80*(1-2), 1-46. • Vestner, T., Tipper, S. P., Hartley, T., Over, H., & Rueschemeyer, S. A. (2019). Bound together: Social binding leads to faster processing, spatial distortion, and enhanced memory of interacting partners. Journal of Experimental Psychology: General, 148(7), 1251–1268. • Vickery, T. J., & Chun, M. M. (2010). Object-based warping: An illusory distortion of space within objects. Psychological Science, 21(12), 1759-1764.



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