Spatial Congruency Bias in Contexts:
The Influence of Background Scenes on Object-location binding
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1. Does identity of background scenes affect SCB?
   **Experiment 1:** Same-scene vs Different-scene (n=28)
   - **Results:** Significant SCB found for two objects presented with the same background scenes, not different scenes.

2. Does presence of background scenes affect SCB?
   **Experiment 2:** Scene-present vs Scene-absent (n=26)
   - **Results:** Significant SCB found for two objects presented without a background scene, not with a background scene.

3. Does stability of background scenes affect SCB? (in prep)
   **Experiment 3 (target = 28)**
   - **Stable scene vs Unstable scene vs White background**
     - **Block type A (Stable background scenes)**
     - **Block type B (Unstable background scenes)**
     - **Block type C (White background)**

**Summary**
This is the first study examining the influence of background scenes on spatial congruency bias and revealing that the consistency of scene identity helps people form object-location binding.
- We replicated the original spatial congruency bias experiment.
- Consistency of scene identity facilitates spatial congruency bias.
- Mere presence of background scenes weakly reduces spatial congruency bias.

**Reference**