# Vision and touch are not automatically integrated

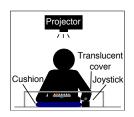
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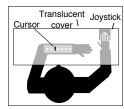


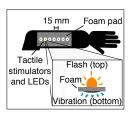
### Introduction

- · Visual stimuli can occur anywhere, but tactile stimuli are bound to the body.
- · Are visual-tactile interactions in space automatic?
- · Tested for:
- · Integration: shift in perceived location for one modality towards concurrently presented stimulus in the other (ventriloquist effect)
- · Recalibration: localization shift for unisensory stimuli after exposure to discrepant stimulus pairs (ventriloquist aftereffect)

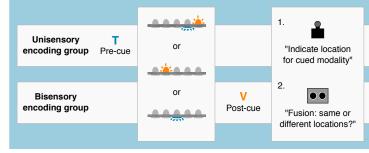
## Setup

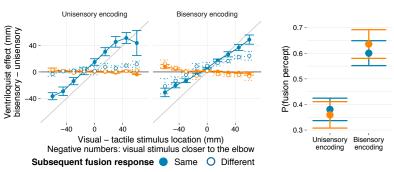




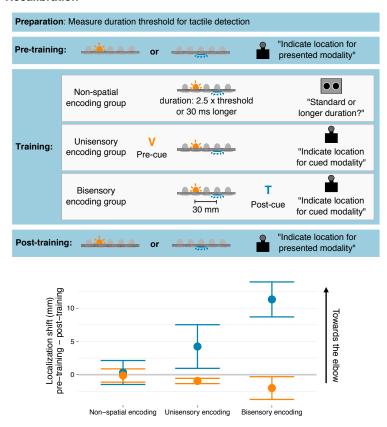


## Integration





### Recalibration



Conclusion Visual-tactile recalibration and integration effects are stronger when participants are forced to encode both stimuli. Thus, visual and tactile information are not automatically integrated.