

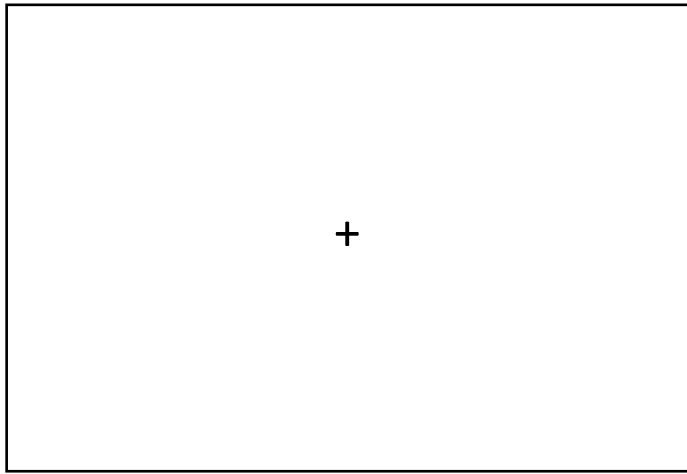
Will the Colavita Effect Persist in Online Testing?

Sarah V. Park & Geneviève Desmarais

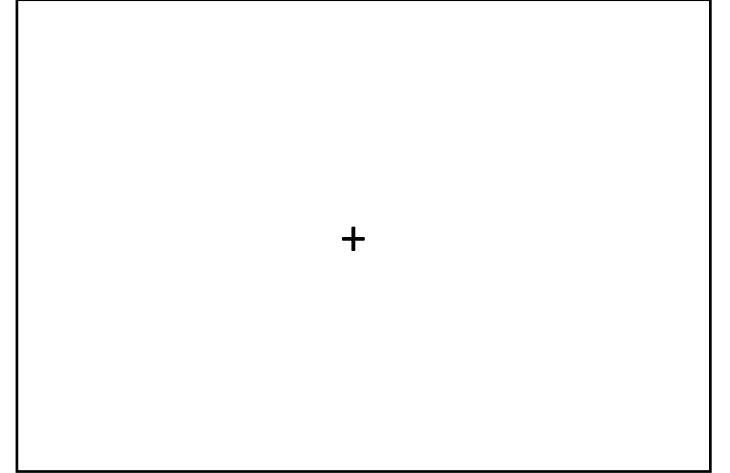
Online and Remote Cognitive Studies

- Wide range of benefits
 - COVID-19 Pandemic
- Loss of control
 - Experimental and environmental
- Past replication success

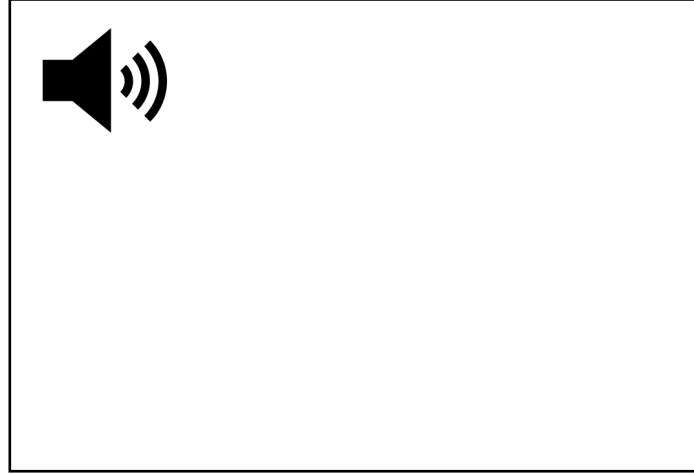
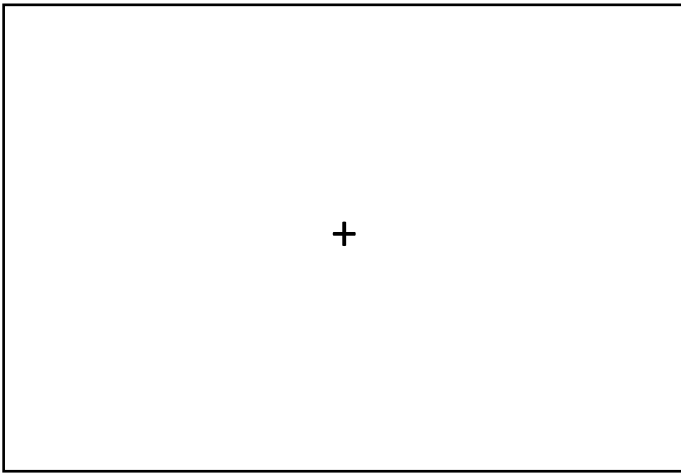
The Colavita Effect



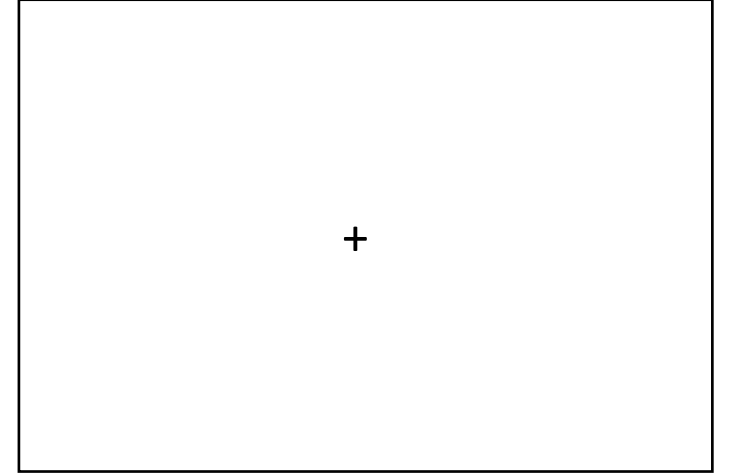
350ms



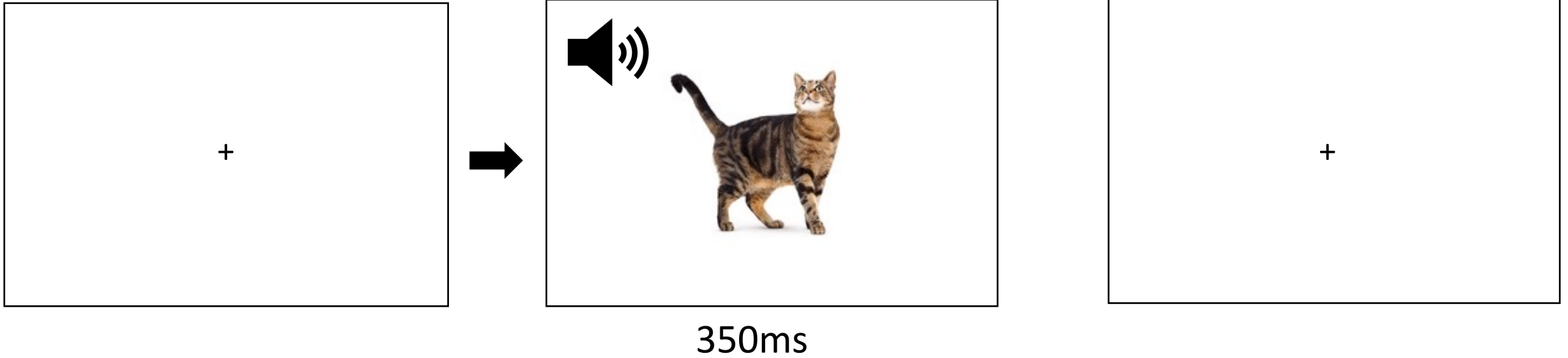
The Colavita Effect



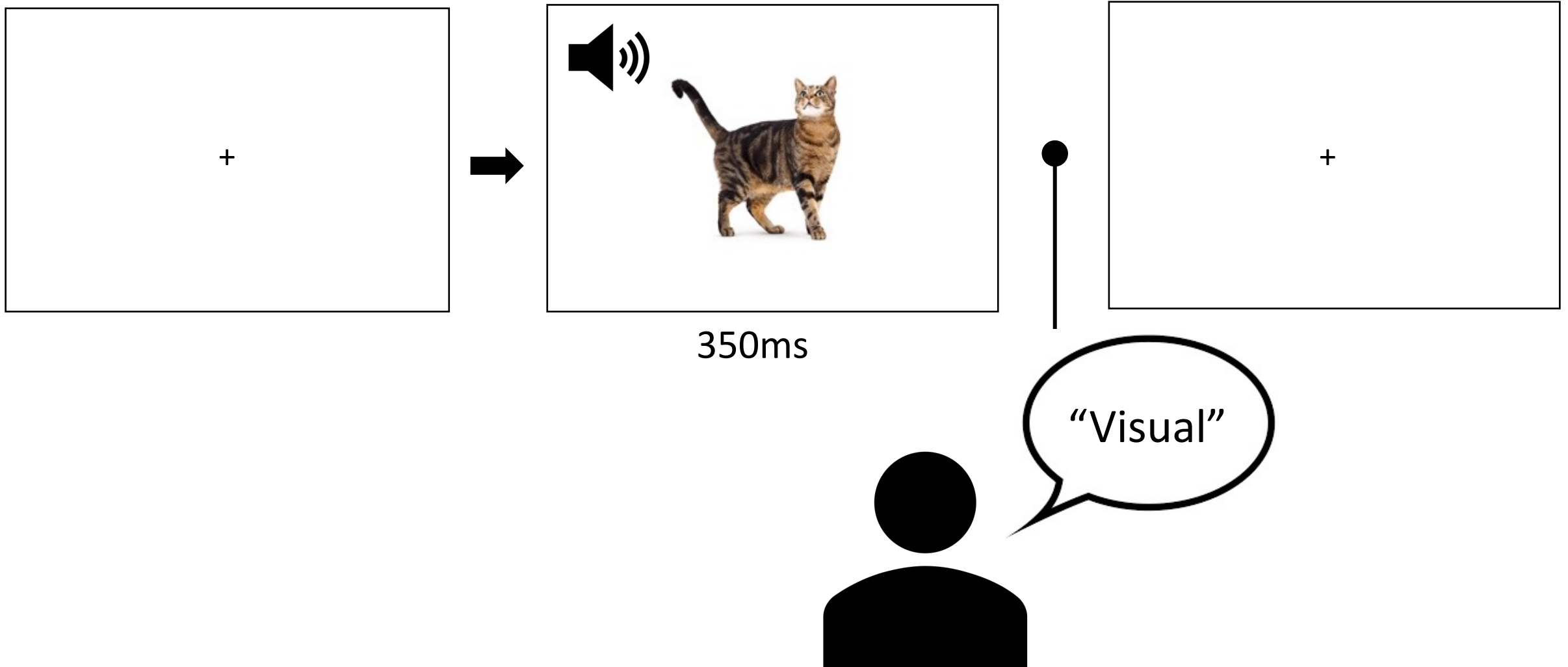
350ms



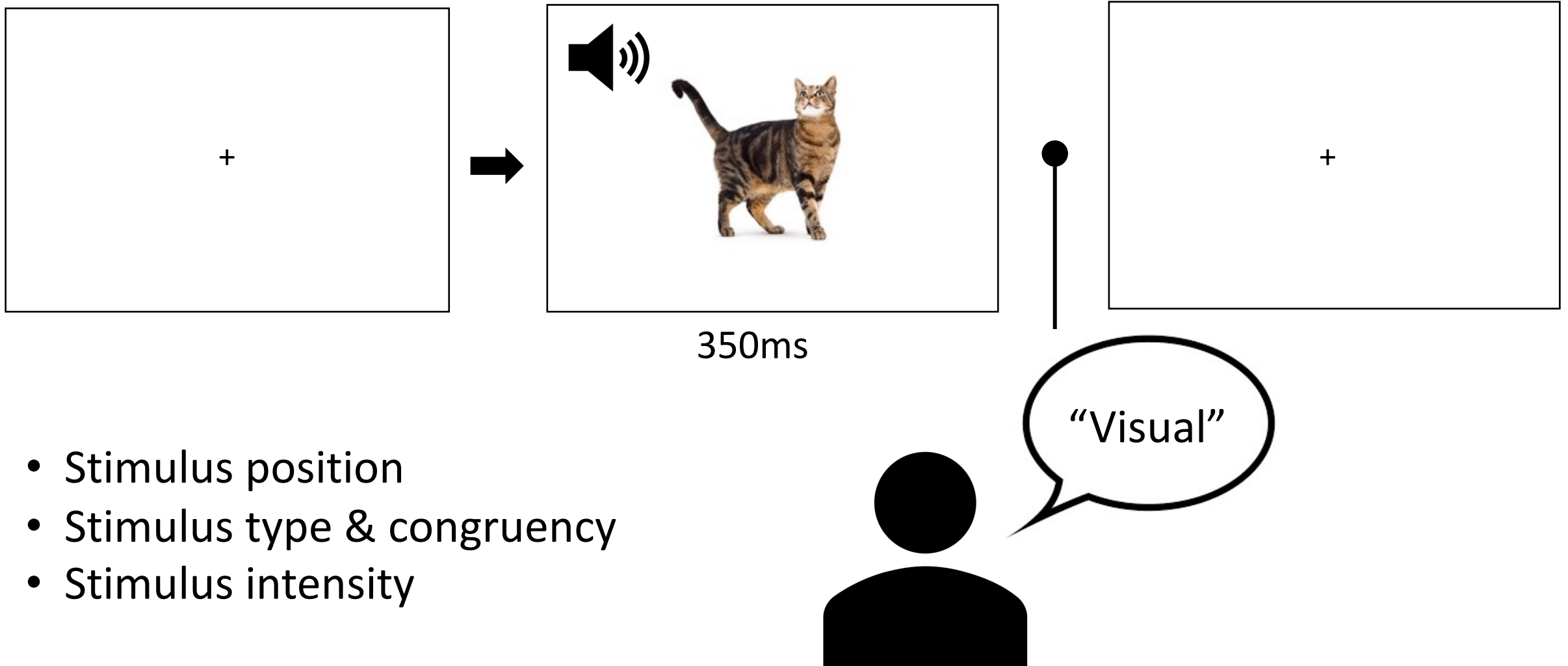
The Colavita Effect



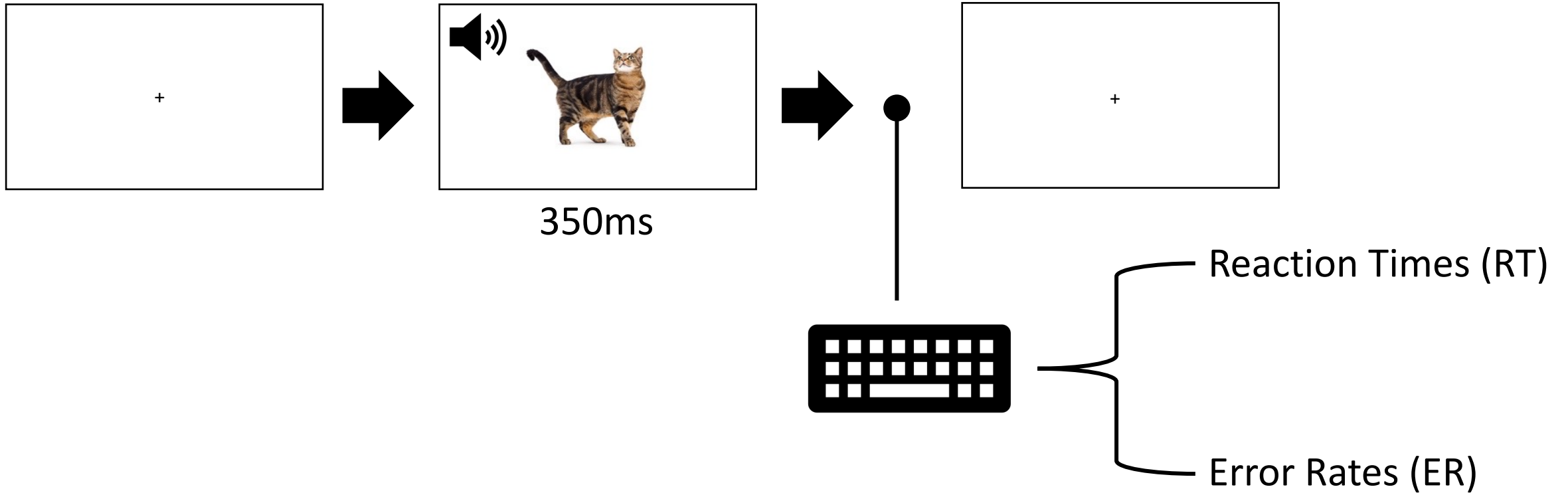
The Colavita Effect



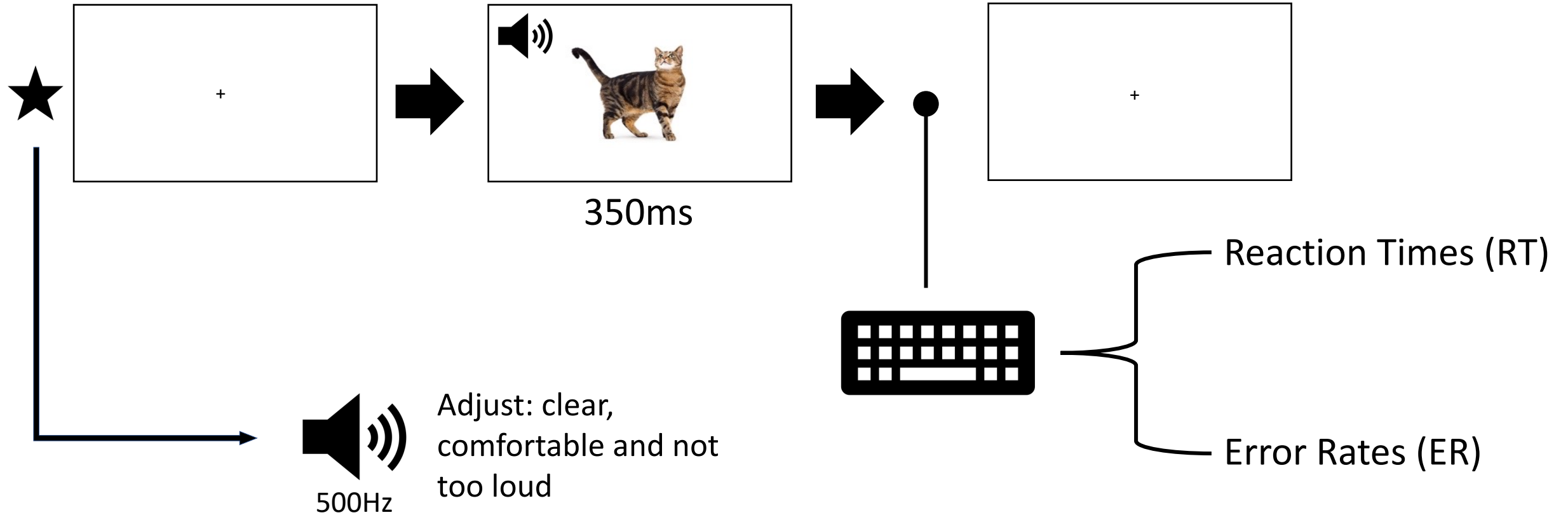
The Colavita Effect



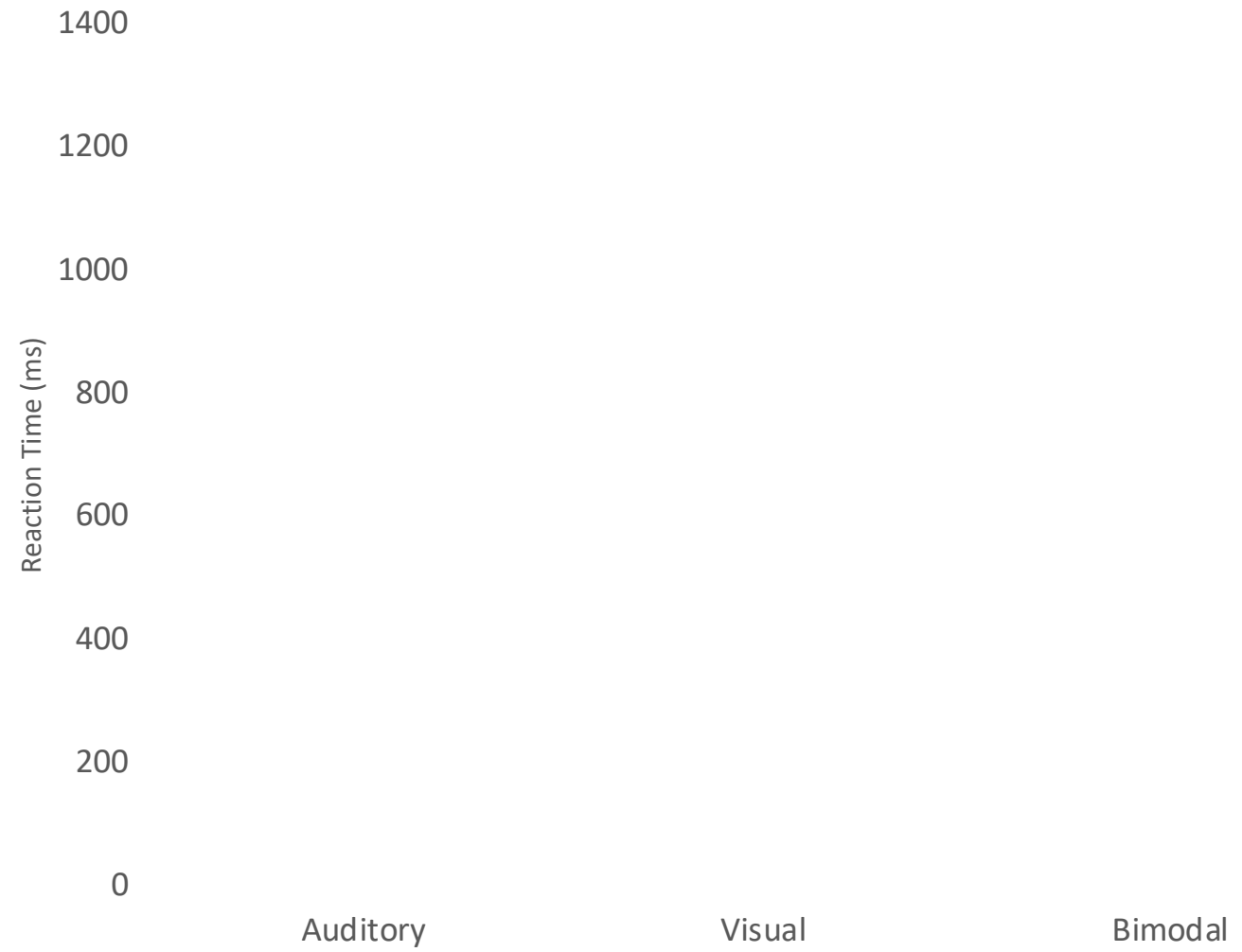
Method



Method

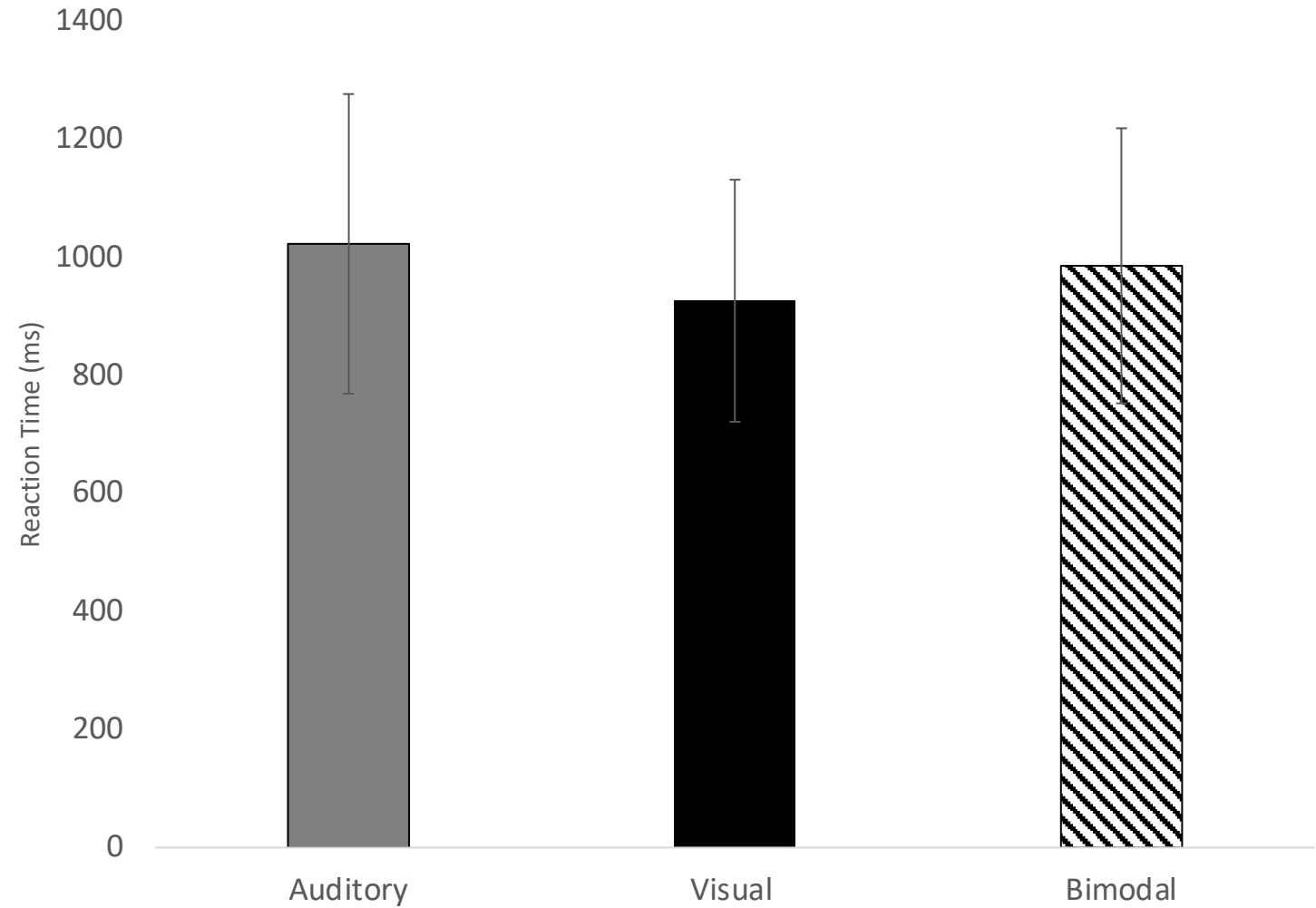


Results



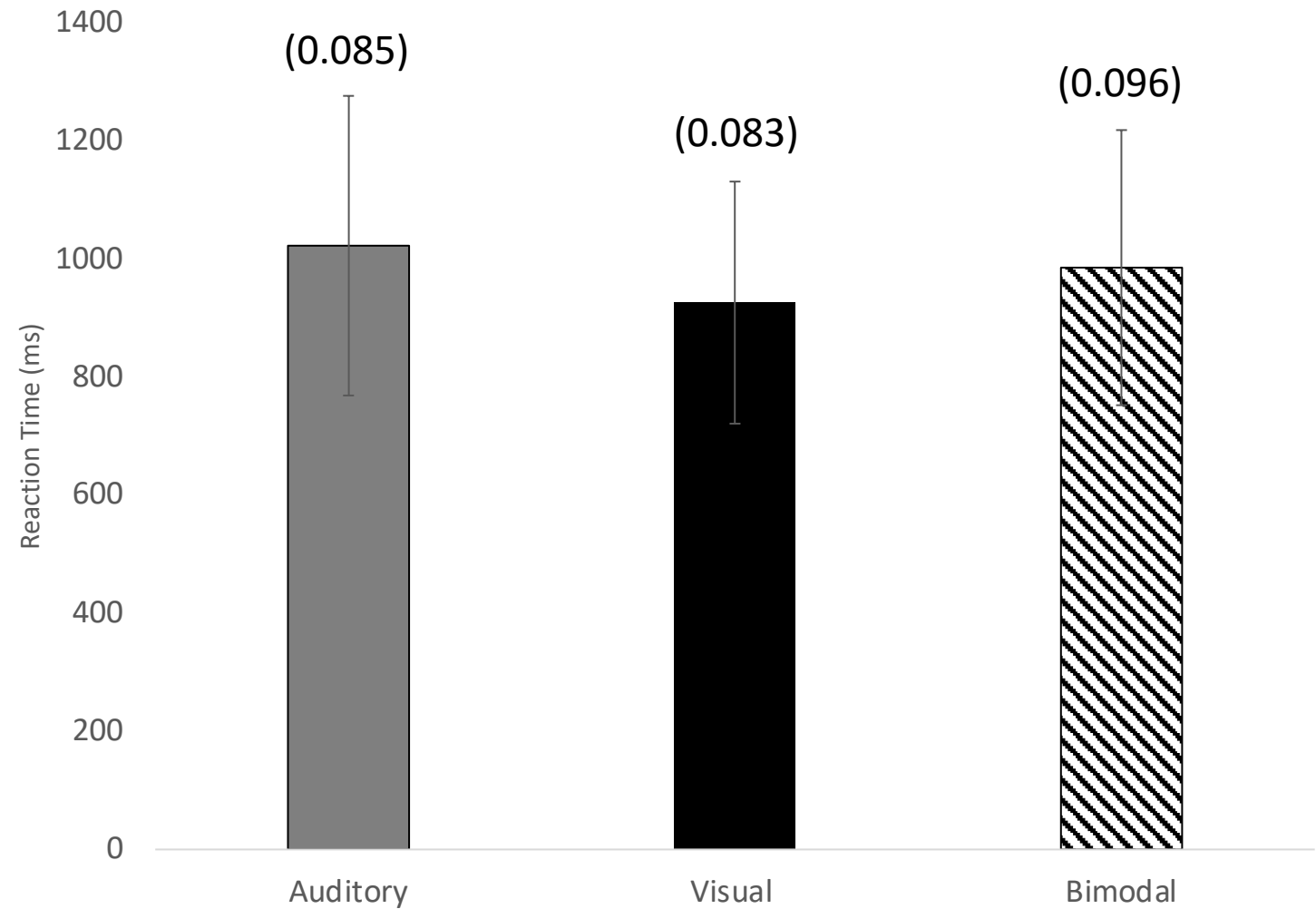
Results

Slower RT than seen in
the literature



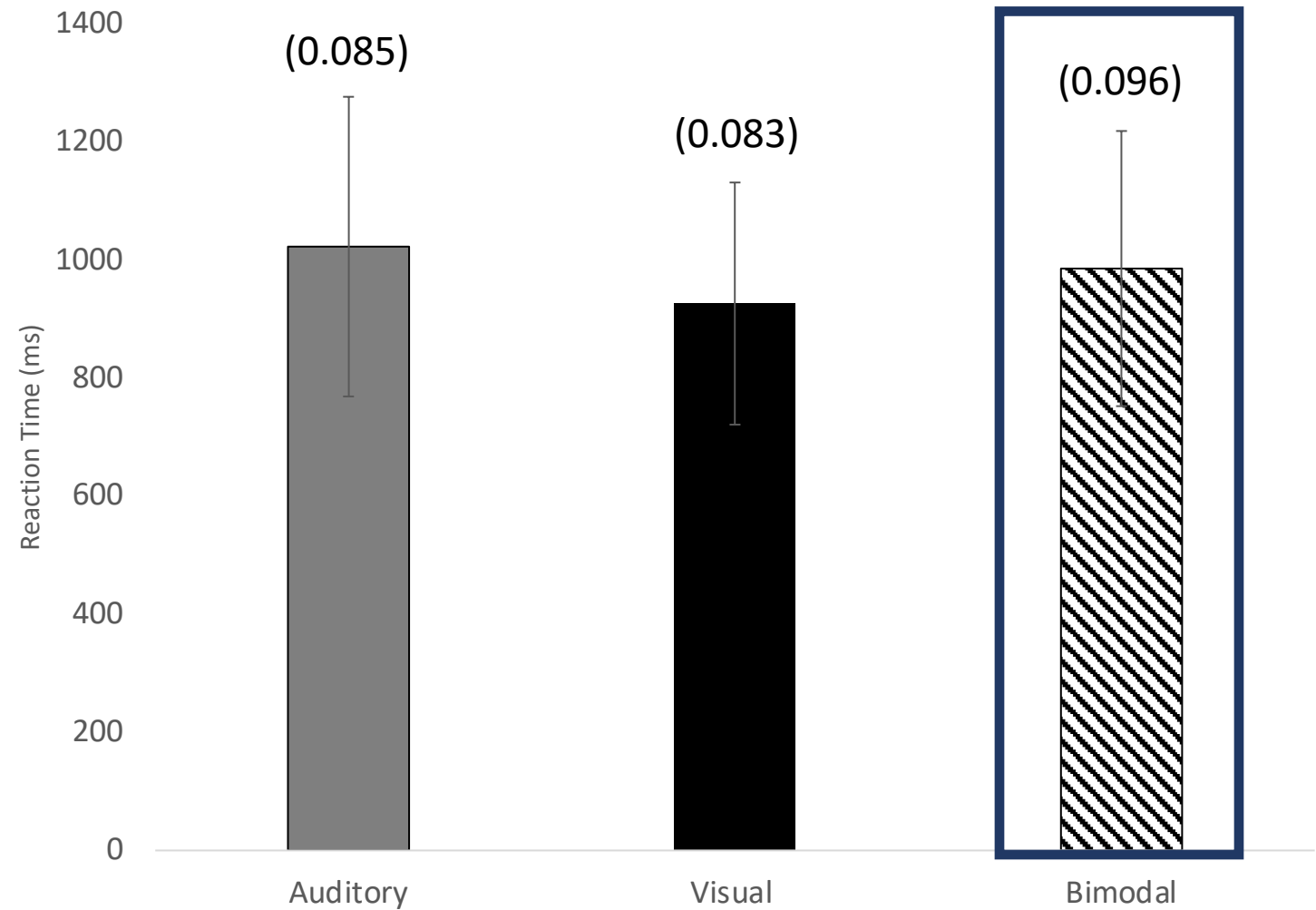
Results

- Slower RT than seen in the literature
- Overall high ER



Results

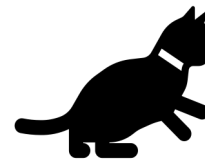
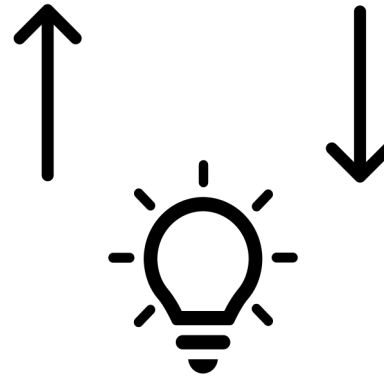
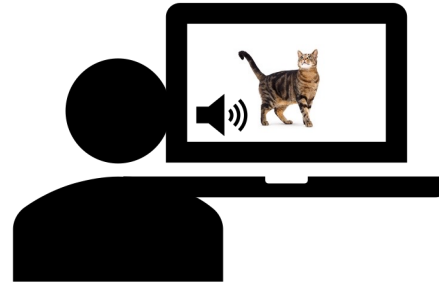
- Slower RT than seen in the literature
- Overall high ER
 - No Colavita effect



Attention & The Environment

Exogenous (cue-driven)

- Distractions draw our exogenous attention

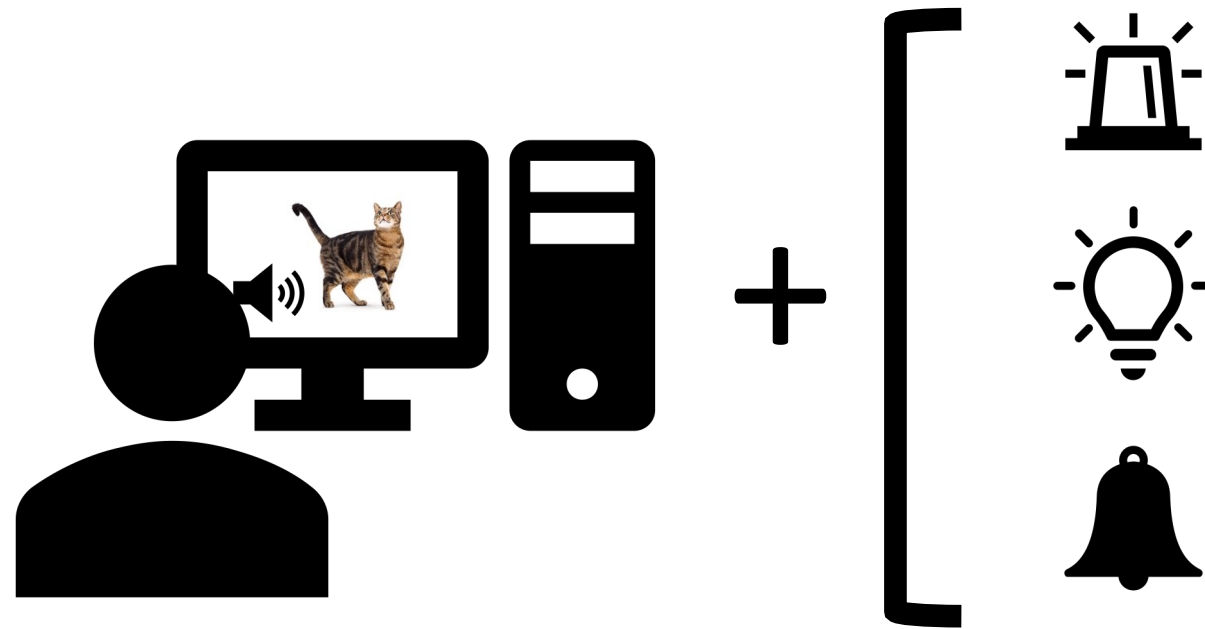


Endogenous (goal-driven)

- Environments bias endogenous attention

Future Directions

- Lab environment with distractions



Conclusions

- Online studies from remote environments are highly susceptible to distraction
- Implications for working from home environments

Questions

svpark@yorku.ca

