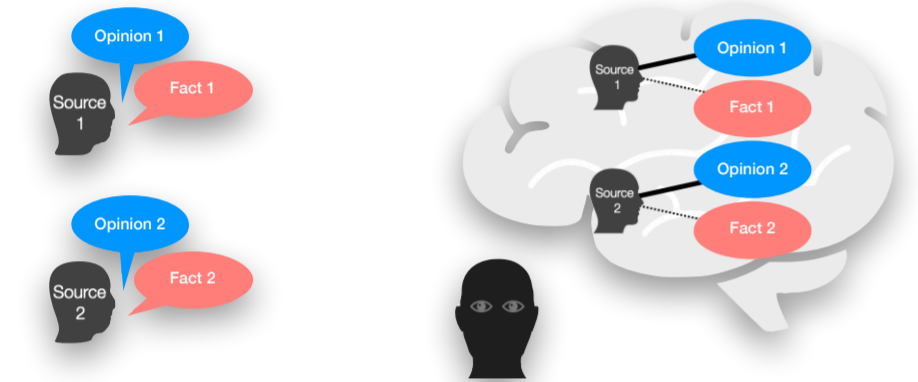


Introduction

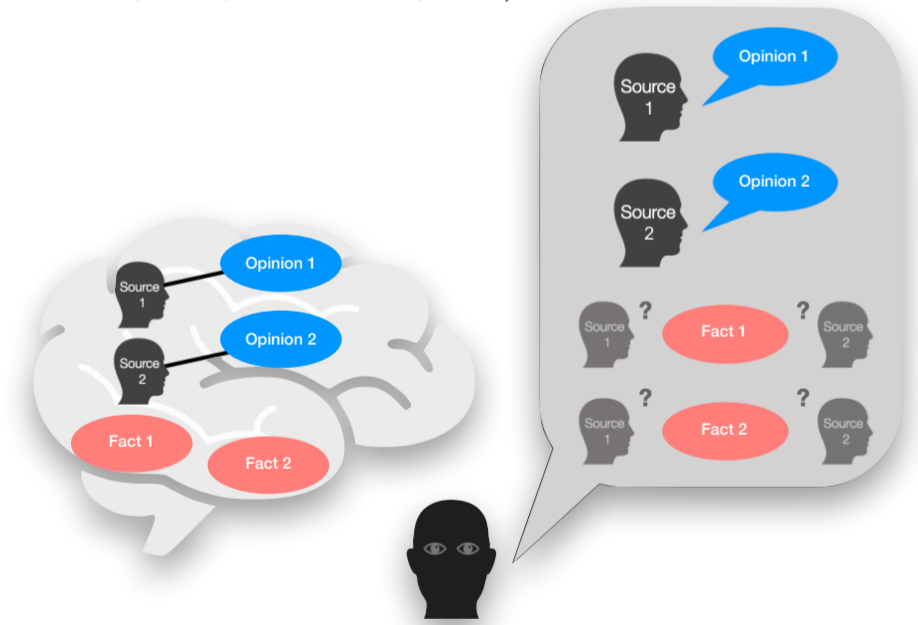
Source memory: the ability to link a claim to its original source

→ **Encoding:** sources are linked to claims (Mitchell and Johnson, 2009)

- **Subjective claims** provide more information about the source than do **objective claims** (Heiphetz et al., 2014)
- Claim objectivity may affect the strength of source-claim binding during encoding and source memory accuracy during recall

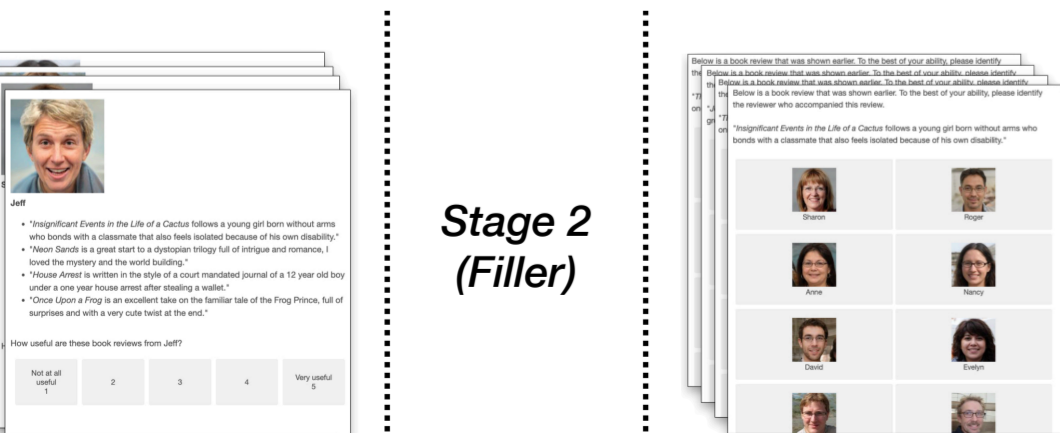


→ **Recall:** previously encoded source-claim links are used to identify a claim's source (Mitchell and Johnson, 2009; Greene et al., 2021)



3-Stage Experimental Design

(Kassam et al., 2009)

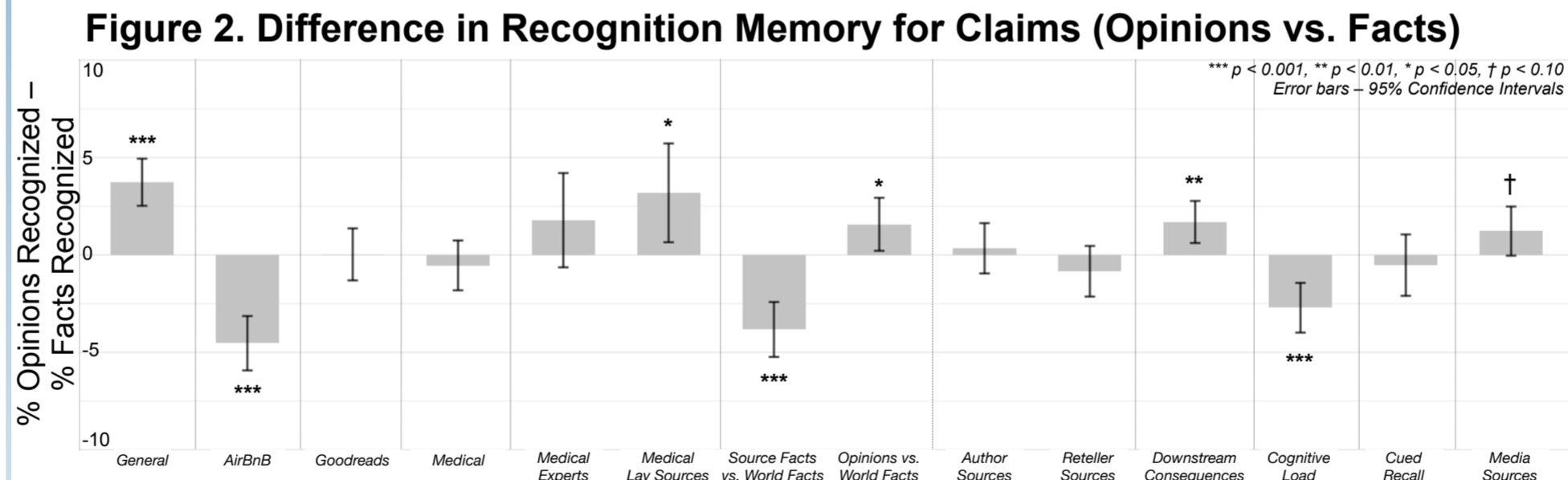
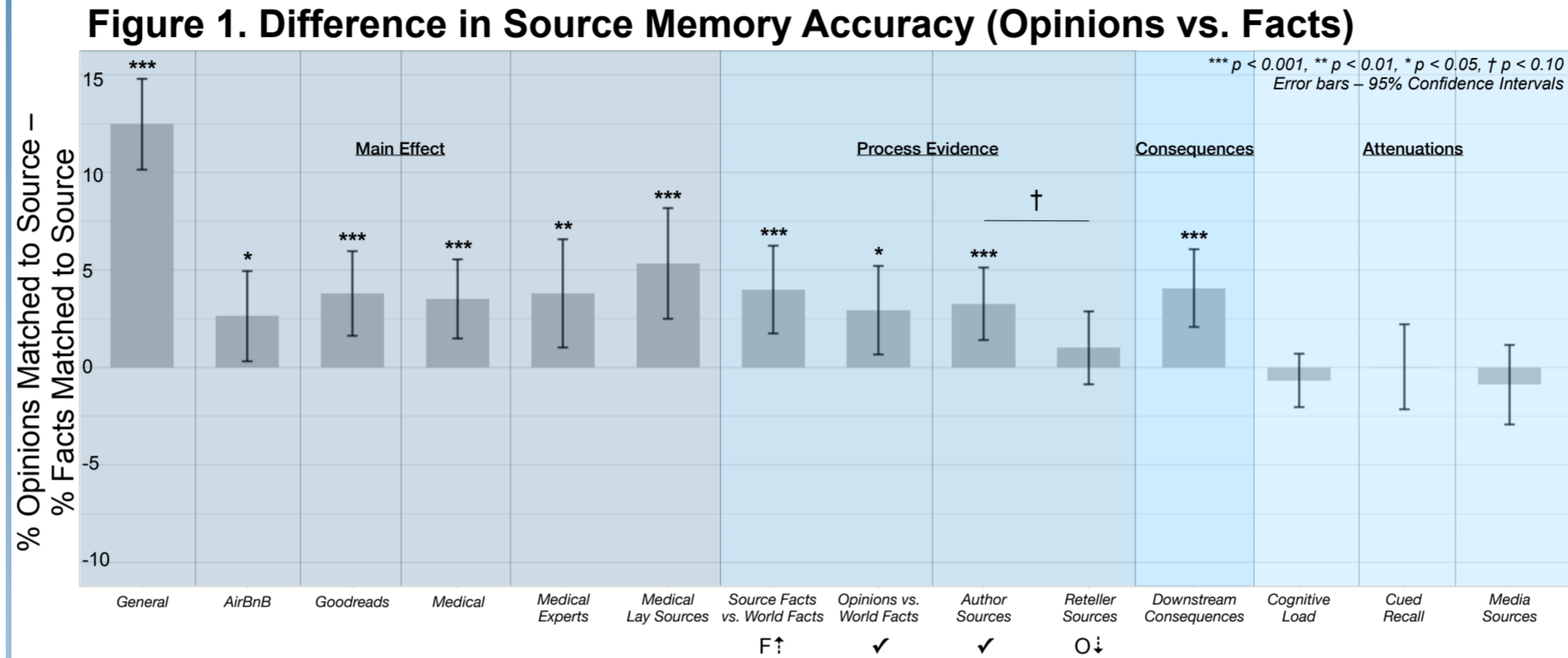


Stage 1: Encoding

Stage 3: Recall

Source Memory is More Accurate for Opinions Than For Facts

Daniel J. Mirny and Stephen A. Spiller



Discussion

Source memory has important downstream consequences for

- Perceived accuracy of information (Fragale & Heath, 2004)
- Persuasion and consumer choice (Bettman, 1979; Kumkale & Albaraccin, 2004)
- Public health behaviors (Morgan et al., 2020)
- Aging consumers (Hashtroudi et al., 1989)

Our findings indicate that

- Source memory is influenced by claim effects – features of the claims themselves
- Objectivity is an important construct, affecting memory and judgment

Results

- **Key DV (within-subject):** Percentage of opinions correctly attributed to their original sources – Percentage of facts correctly attributed to their original sources
- **Main effect:** Source memory is more accurate for opinions than for facts (Fig. 1)

Exp 1-3: Main Effect Observed

- Exp 1 (N=399) Claims about the world
- Exp 2A (N=501) AirBnB rental reviews
- Exp 2B (N=504) Goodreads book reviews
- Exp 2C (N=501) Medical claims
- Exp 3 (N=606) Medical claims - lay sources
Medical claims - experts

Exp 4-5: Process Evidence

- Exp 4 (N=403)
 - ✓ Main effect replicated (Opinions vs. Facts)
 - F† Source memory is more accurate for facts that provide information about a source than for facts about the world
- Exp 5 (N=1,092)
 - ✓ Main effect replicated (Sources as authors)
 - O↓ When sources are not authors of claims, no effect of objectivity on source memory

Exp 6: Downstream Consequences

- Exp 6 (N=598) Learning context for previously-seen claims (opinions vs. facts) allows people to make inferences about source characteristics

Exp S1-3: Main Effect Attenuated

- Exp S1 (N=499) High cognitive load
- Exp S2 (N=501) Cued Recall (vs. Full Recall)
- Exp S3 (N=601) Media sources

Recognition Memory

- No consistent effect of claim objectivity on recognition memory across experiments (Fig. 2)
- Effect of claim objectivity is unique to source memory processes