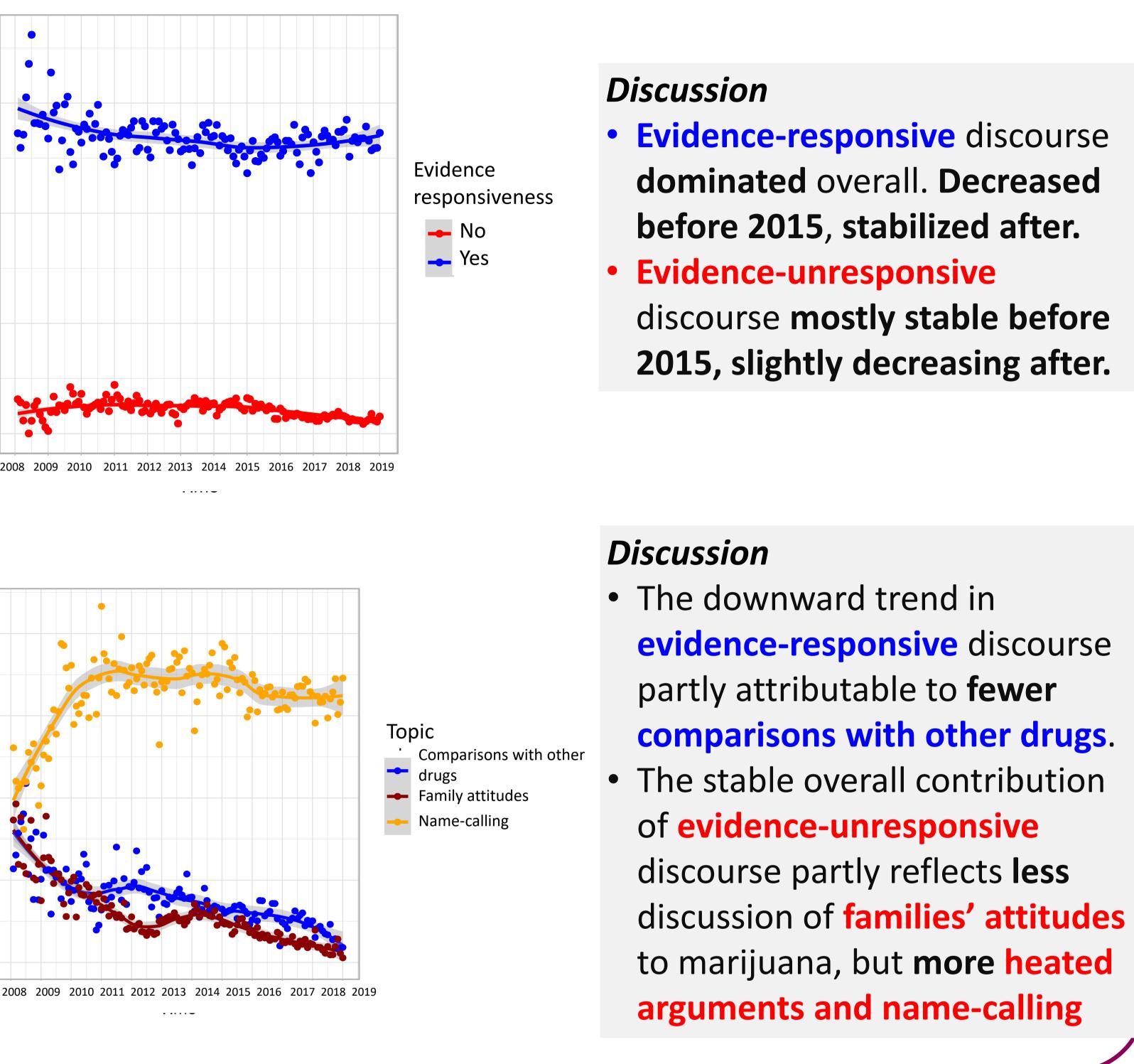


- Legend:
- 1st vert. line: Consistent majority support for SSM in US
- 2nd vert. line: **Supreme Court ruling** that legalized SSM

Babak Hemmatian^{1,3}, Sabina J. Sloman², Uriel Cohen Priva¹, Carsten Eickhoff³, Steven A. Sloman¹ ¹Department of Cognitive, Linguistic & Psychological Sciences, Brown University ²Department of Social and Decision Sciences, Carnegie Mellon University ³Center for Biomedical Informatics and Department of Computer Science, Brown University 4.2. Marijuana Legalization **1.2. Reddit and Emerging Consensus** • Emerging about same-sex consensus marriage (SSM) and marijuana legalization Discussion since 2006 in the US, coinciding with **Reddit's popularity** (redditinc.com) Evidence responsiveness - No 📥 Yes 0 Topic Comparisons with other drugs Family attitudes Name-calling 5. Summary Discussion Same-sex marriage: **consequence-based** topics contributed **less** to discourse overall **before majority support for** SSM in the US, increasing in The **Supreme Court ruling did not affect** these patterns influence after. Marijuana legalization: • Mostly due to discussions of the politics of SSM, and framing it as a policy issue Summary: • Contribution of **protected-values**two topics in our dataset. **based** topics **increasing before** majority support, declining after. **6. Reference**

Focused on **religious arguments** and freedom of opinions/beliefs

Evidence-responsiveness in a decade of Reddit discourse about hot-button topics



From 2006 to 2012: Discourse increasingly about evidence-unresponsive values Starting in 2012: With majority support among Americans, evidence-responsive **discourse** growingly **replaced protected values** as the focus

Evidence-responsive topics **dominated** discourse but **decreased** over time. Evidence-unresponsive arguments were weaker but overall constant contributors.

Evidence-responsiveness alone does not explain the attitude changes around these

Hemmatian, B., Sloman, S. J., Priva, U. C., & Sloman, S. A. (2019). Think of the consequences: A decade of discourse about same-sex marriage. Behavior research methods, 1-21

