Ideological Extremity and Lower Ambivalence of Political Attitudes: Evidence for Symmetrical Patterns on Both Sides of the Ideological Spectrum

Abstract

[…]

**Ideological Extremity and Attitudinal Ambivalence**

Do individuals with opposite political views differ in their feeling and thinking not only when it comes to political issues but also in general and outside the political arena? This question has intrigued scholars for decades and continues to be debated. With respect to *feeling*, the debate has concerned issues such as security needs and sensitivity to threats, the relative importance of different moral intuitions, or disgust sensitivity. With respect to *thinking*, the debate has concerned issues such as epistemic needs and tolerance of ambiguity, thinking style, or intelligence. Recently, bringing together both domains of mental life, scholars have raised the question whether ideology-related differences in information processing entail differences in the structure of attitudes and, more specifically, whether individual differences in political ideology are associated with the extent to which people tend to hold ambivalent attitudes (Jost & Krochik, 2014; Newman & Sargent, 2020; Sargent & Newman, 2020). Interestingly, extant empirical findings of research on this question are inconsistent: While findings by Krochik, Jost, and Nosek (2007; reported in Jost & Krochik, 2014) suggest a stable tendency for more conservative (vs. more liberal) individuals to hold less ambivalent attitudes, findings by Newman and Sargent (2020; Sargent & Newman, 2020) indicate an association in the opposite direction. In the following, after briefly introducing the concept of attitudinal ambivalence, we describe the theoretical explanations for the opposite predictions/findings and propose a third perspective. In the empirical part, we test the predictions that follow from the three perspectives using data of the German Longitudinal Election Study (GLES) collected during the 2017 and 2013 Federal Election Campaigns in Germany.

**Attitudinal Ambivalence**

Attitudinal ambivalence refers to the simultaneous existence of strong positive *and* negative evaluative reactions toward the same attitude object (e.g., Conner & Sparks, 2002; Haddock & Maio, 2019; Jonas et al., 2000; Thompson et al., 1995; van Harreveld et al., 2015). This definition makes clear that attitudinal ambivalence is conceptually distinct from indifference where an attitude object elicits weak evaluative reactions in general. The present research focuses on *affective ambivalence* as a special form of attitudinal ambivalence where the ambivalence occurs within the affective attitude component rather than between affective, cognitive, and behavioral attitude components (see Cacioppo et al., 1997, on the independence of positive and negative affect).

**The Rigidity of the Right Hypothesis**

According to the ideology as motivated social cognition perspective (Jost et al., 2003, 2009), individuals tend to experience affinities for political views that are compatible with their psychological dispositions. More specifically, the associated rigidity of the right hypothesis holds that strong needs for security (existential needs) and certainty (epistemic needs) facilitate the endorsement of conservative views that can be characterized by two core elements: (a) resistance to change and (b) acceptance of inequality. In line with this hypothesis and focusing on the role of epistemic needs, numerous studies have documented associations between conservatism and measures that reflect a motivation to obtain and stick to clear answers, low tolerance of ambiguity, avoidance of attitude-inconsistent information and cognitive dissonance, low openness for new experiences, and a tendency to rely on intuitive rather than reflective judgments (e.g., Burger et al., 2020; Deppe et al., 2015; Pennycook & Rand, 2019; for overviews, see Hibbing et al., 2014; Jost et al., 2009; Van Hiel et al., 2010). Some authors have concluded from these findings that biased information processing and intolerance are in general on average more prevalent on the right side of the political spectrum than on the left (e.g., Baron & Jost, 2019; Jost, 2017) which has been questioned by others (e.g., Brandt et al., 2014; Ditto et al., 2019; Frimer et al., 2017; Greenberg & Jonas, 2003).

With respect to the issue of attitudinal ambivalence, Jost and Krochik (2014) argued that the characteristic ideology-related pattern of self-reported epistemic preferences and thinking style has implications for the structure of the (political and non-political) attitudes that individuals hold. In an online study using a large convenience sample of US residents and involving 95 political and non-political attitude objects, they found support for the hypotheses that individuals with a more conservative (vs. liberal) orientation tend to endorse attitudes with greater certainty, expect less variability of their attitudes, and experience less ambivalent affective reactions toward attitudinal objects.

**The Conservatism-Ambiguity Hypothesis**

Newman and Sargent (2020) investigated the association of political orientations with (subjective and objective) attitudinal ambivalence among convenience samples US residents in a set of five online-studies where they failed to find support for a negative association of conservatism with attitudinal ambivalence (across attitude objects as well as at the level of individual attitude objects). Instead, their results indicate associations of subjective and objective ambivalence in the opposite direction: conservatism was associated with more rather than less attitudinal ambivalence (across attitude objects as well as at the level of most individual attitude objects). A follow-up study (Sargent & Newman, 2020) replicated this pattern for objective (but not subjective) ambivalence using attitude objects similar to the ones used by Krochik and colleagues (2007) as well as systematically varying the procedure of presenting these objects (paired vs. separate). As a post-hoc explanation for their findings Newman and Sargent (2020) speculate that increased attitudinal ambivalence among conservatives (vs. liberals) might result from conservatism being associated with a tendency to avoid conscious reflection on ambivalent attitude objects which could be a necessary condition for resolving these ambiguities and constructing more consistent attitudes.

**The Ideological Extremity Hypothesis**

According to the ideological extremity hypothesis extreme political orientations on both sides of the political spectrum rather than conservatism specifically are associated with simplistic, dogmatic, and inflexible belief systems and thinking styles (Brandt et al., 2015; Conway et al., 2018; Fernbach et al., 2013; Greenberg & Jonas, 2003; Lammers et al., 2017; Toner et al., 2013; van Prooijen & Krouwel, 2019; Zmigrod et al., 2020). In line with this view, ideological extremity on both sides of the ideological spectrum has been demonstrated to be associated with higher scores on behavioral measures of cognitive inflexibility (Zmigrod et al., 2020), more simplistic perceptions of the political domain (Lammers et al., 2017), a tendency to ignore external information in judgments (Brandt et al., 2015), illusions of understanding (Fernbach et al., 2013), the perception of own beliefs as superior (Toner et al., 2013), as well as intolerance (Brandt et al., 2014) and authoritarianism (Conway et al., 2018; for an overview, see van Prooijen & Krouwel, 2019). If Jost and Krochik (2014) are right that a rigid cognitive style as well a biased information processing and intolerance decrease the likelihood of holding ambivalent attitudes, it follows from the ideological extremity hypothesis that attitudinal ambivalence should be low at the extremes of both sides of the political spectrum rather than on the right side in particular.

**References**

Baron, J., & Jost, J. T. (2019). False Equivalence: Are Liberals and Conservatives in the United States Equally Biased? *Perspectives on Psychological Science*, *14*(2), 292–303. https://doi.org/10.1177/1745691618788876

Brandt, M. J., Evans, A. M., & Crawford, J. T. (2015). The Unthinking or Confident Extremist? Political Extremists Are More Likely Than Moderates to Reject Experimenter-Generated Anchors. *Psychological Science*, *26*(2), 189–202. https://doi.org/10.1177/0956797614559730

Brandt, M. J., Reyna, C., Chambers, J. R., Crawford, J. T., & Wetherell, G. (2014). The Ideological-Conflict Hypothesis: Intolerance Among Both Liberals and Conservatives. *Current Directions in Psychological Science*, *23*(1), 27–34. https://doi.org/10.1177/0963721413510932

Burger, A. M., Pfattheicher, S., & Jauch, M. (2020). The role of motivation in the association of political ideology with cognitive performance. *Cognition*, *195*, 104124. https://doi.org/10.1016/j.cognition.2019.104124

Cacioppo, J. T., Gardner, W. L., & Berntson, G. G. (1997). Beyond Bipolar Conceptualizations and Measures: The Case of Attitudes and Evaluative Space. *Personality and Social Psychology Review*, *1*(1), 3–25. https://doi.org/10.1207/s15327957pspr0101\_2

Conner, M., & Sparks, P. (2002). Ambivalence and Attitudes. *European Review of Social Psychology*, *12*(1), 37–70. https://doi.org/10.1080/14792772143000012

Conway, L. G., Houck, S. C., Gornick, L. J., & Repke, M. A. (2018). Finding the Loch Ness Monster: Left-Wing Authoritarianism in the United States: Left-Wing Authoritarianism in the United States. *Political Psychology*, *39*(5), 1049–1067. https://doi.org/10.1111/pops.12470

Deppe, K. D., Gonzalez, F. J., Neiman, J. L., Jacobs, C., Pahlke, J., Smith, K. B., & Hibbing, J. R. (2015). Reflective liberals and intuitive conservatives: A look at the Cognitive Reflection Test and ideology. *Judgment and Decision Making*, *10*(4), 314–331.

Ditto, P. H., Liu, B. S., Clark, C. J., Wojcik, S. P., Chen, E. E., Grady, R. H., Celniker, J. B., & Zinger, J. F. (2019). At Least Bias Is Bipartisan: A Meta-Analytic Comparison of Partisan Bias in Liberals and Conservatives. *Perspectives on Psychological Science*, *14*(2), 273–291. https://doi.org/10.1177/1745691617746796

Fernbach, P. M., Rogers, T., Fox, C. R., & Sloman, S. A. (2013). Political Extremism Is Supported by an Illusion of Understanding. *Psychological Science*, *24*(6), 939–946. https://doi.org/10.1177/0956797612464058

Frimer, J. A., Skitka, L. J., & Motyl, M. (2017). Liberals and conservatives are similarly motivated to avoid exposure to one another’s opinions. *Journal of Experimental Social Psychology*, *72*, 1–12. https://doi.org/10.1016/j.jesp.2017.04.003

Greenberg, J., & Jonas, E. (2003). Psychological motives and political orientation--The left, the right, and the rigid: Comment on Jost et al. (2003). *Psychological Bulletin*, *129*(3), 376–382. https://doi.org/10.1037/0033-2909.129.3.376

Haddock, G., & Maio, G. R. (2019). Inter-individual differences in attitude content: Cognition, affect, and attitudes. In *Advances in Experimental Social Psychology* (Bd. 59, S. 53–102). Elsevier. https://doi.org/10.1016/bs.aesp.2018.10.002

Hibbing, J. R., Smith, K. B., & Alford, J. R. (2014). Differences in negativity bias underlie variations in political ideology. *Behavioral and Brain Sciences*, *37*(3), 297–307. https://doi.org/10.1017/S0140525X13001192

Jonas, K., Broemer, P., & Diehl, M. (2000). Attitudinal Ambivalence. *European Review of Social Psychology*, *11*(1), 35–74. https://doi.org/10.1080/14792779943000125

Jost, J. T. (2017). Ideological Asymmetries and the Essence of Political Psychology: Presidential Address. *Political Psychology*, *38*(2), 167–208. https://doi.org/10.1111/pops.12407

Jost, J. T., Federico, C. M., & Napier, J. L. (2009). Political Ideology: Its Structure, Functions, and Elective Affinities. *Annual Review of Psychology*, *60*(1), 307–337. https://doi.org/10.1146/annurev.psych.60.110707.163600

Jost, J. T., Glaser, J., Kruglanski, A. W., & Sulloway, F. J. (2003). Political conservatism as motivated social cognition. *Psychological Bulletin*, *129*(3), 339–375. https://doi.org/10.1037/0033-2909.129.3.339

Jost, J. T., & Krochik, M. (2014). Ideological Differences in Epistemic Motivation: Implications for Attitude Structure, Depth of Information Processing, Susceptibility to Persuasion, and Stereotyping. In *Advances in Motivation Science* (Bd. 1, S. 181–231). Elsevier. https://doi.org/10.1016/bs.adms.2014.08.005

Krochik, M., Jost, J. T., & Nosek, B. A. (2007). *Ideology informs structure: Social and moti- vational inﬂuences on the attitudinal strength of liberals and conservatives.* Annual Meeting of the International Society of Political Psychology, Portland, Oregon.

Lammers, J., Koch, A., Conway, P., & Brandt, M. J. (2017). The Political Domain Appears Simpler to the Politically Extreme Than to Political Moderates. *Social Psychological and Personality Science*, *8*(6), 612–622. https://doi.org/10.1177/1948550616678456

Newman, L. S., & Sargent, R. H. (2020). Liberals Report Lower Levels of Attitudinal Ambivalence Than Conservatives. *Social Psychological and Personality Science*, 194855062093979. https://doi.org/10.1177/1948550620939798

Pennycook, G., & Rand, D. G. (2019). Cognitive Reflection and the 2016 U.S. Presidential Election. *Personality and Social Psychology Bulletin*, *45*(2), 224–239. https://doi.org/10.1177/0146167218783192

Sargent, R. H., & Newman, L. S. (2020). Conservatism and attitudinal ambivalence: Investigating conflicting findings. *Personality and Individual Differences*, 109996. https://doi.org/10.1016/j.paid.2020.109996

Thompson, M. M., Zanna, M. P., & Griffin, D. W. (1995). Let’s not be indifferent about (attitudinal) ambivalence. In R. E. Petty & J. A. Krosnick (Hrsg.), *Attitude strength: Antecedents and consequences* (S. 361–386). Lawrence Erlbaum Associates, Inc.

Toner, K., Leary, M. R., Asher, M. W., & Jongman-Sereno, K. P. (2013). Feeling Superior Is a Bipartisan Issue: Extremity (Not Direction) of Political Views Predicts Perceived Belief Superiority. *Psychological Science*, *24*(12), 2454–2462. https://doi.org/10.1177/0956797613494848

van Harreveld, F., Nohlen, H. U., & Schneider, I. K. (2015). The ABC of Ambivalence. In *Advances in Experimental Social Psychology* (Bd. 52, S. 285–324). Elsevier. https://doi.org/10.1016/bs.aesp.2015.01.002

Van Hiel, A., Onraet, E., & De Pauw, S. (2010). The Relationship Between Social-Cultural Attitudes and Behavioral Measures of Cognitive Style: A Meta-Analytic Integration of Studies: Social-Cultural Attitudes and Cognitive Style. *Journal of Personality*, *78*(6), 1765–1800. https://doi.org/10.1111/j.1467-6494.2010.00669.x

van Prooijen, J.-W., & Krouwel, A. P. M. (2019). Psychological Features of Extreme Political Ideologies. *Current Directions in Psychological Science*, *28*(2), 159–163. https://doi.org/10.1177/0963721418817755

Zmigrod, L., Rentfrow, P. J., & Robbins, T. W. (2020). The partisan mind: Is extreme political partisanship related to cognitive inflexibility? *Journal of Experimental Psychology: General*, *149*(3), 407–418. https://doi.org/10.1037/xge0000661