

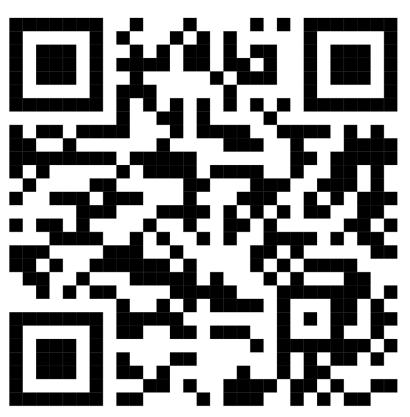
- e.g., "Indicate the extent to which you currently feel distressed."

Social Rejection and Risk-Taking in Ingroup and Outgroup Situations Camille Chandler, Tasnim Rida, Silas Wang, Kevin Jarbo, Ph.D., Kody Manke-Miller, Ph.D., Michael Trujillo, Ph.D. Carnegie Mellon University, D3 Lab and SHER Lab

*Error bars: 95% CI

• Manipulation check: participants in the explicit condition (M = 8.46, SD = 1.79) perceived significantly more rejection than those in the ambiguous condition (M = 6.78, SD = 2.18) (t(148) $= -5.27, p = 4.791 \times 10^{-7}$). • No main effect of group status on social risk-taking (F(5,147) = 2.14, p = 0.15) or rumination (F(1, 152) = 0.56, p = 0.46). • No main effect of rejection clarity on social risk-taking (F(1,147) = 0.07, p = 0.79) or rumination (F(1,152) = 2.14, p = 0.15).• No group status x rejection clarity interaction on social risk-taking (F(1,147) = 0.03, p = 0.85) or rumination (F(1,152) = 1.82, p = 0.18). Terrell • No group status x rejection clarity x identity centrality interaction on social risk-taking (F(1,141) =0.01, p = 0.93). • Marginally significant group status x rejection clarity x identity centrality interaction on rumination (F(1,141) = 3.10, p = 0.08). Discussion •Discussion •No significant differences in social risk-taking across groups depending on the type of rejection or who was doing the rejection. •Individuals who experienced ingroup, ambiguous rejection engaged in more rumination, when identity centrality was moderate. •Participants' racial identity centrality didn't impact their responses to different types of rejection. •When rejection was explicit, participants perceived significantly more rejection than when it was ambiguous. •The lack of response to rejection could be partially explained by the age of participants. Older adults may be more used to rejection and less inclined to be behaviorally responsive to it.¹⁰ •Prior research emphasizes the effects of social rejection amongst peers. Because of the online format, participants may have failed to perceive their fellow players as "peers". •The lack of response could also be explained by a lack of incentive to reconnect with their fellow players.¹¹ •Future Directions Impact of Group Status and Clarity on Rumination • Collect data in person to minimize noise and address concerns about peer perceptions. • Assess prior exposure to rejection to investigate the potential impact of age. Citations Jamieson JP, Koslov K, Nock MK, Mendes WB (2012). Experiencing Discrimination Increases Risk Taking. Psychological Science. 24(2):131-139 Kopetz C, Pickover A, Magidson JF, Richards JM, Iwamoto D, Lejuez CW (2013). Gender and Social Rejection as Risk Factors for Engaging in Risky Sexual Behavior Among Crack/Cocaine Users. Prevention Science, 15(3):376-384. Clarity Boyes ME, French DJ (2009) Having a Cyberball: Using a ball-throwing game as an experimental social stressor to examine the relationship between neuroticism and coping. Personality and Individual Differences. 47(5):396-401. ambiguous 18.53 16.35 16.38) Dahl E, Niedbala EM, Hohman ZP (2018). Loving the Group That Denies You First: Social Identity Effects of Ostracism Before Inclusion. Personality and Social Psychology Bulletin. 45(2):284-299. 16.90 Gibson LP, Blair IV, Bryan AD (2022) The Impact of Ingroup and Outgroup Exclusion on HIV-Risk Cognitions in Sexual Minority Men. Annals of Behavioral Medicine. 57(2):185-191. explicit Stock ML, Gibbons FX, Walsh LA, Gerrard M (2011). Racial Identification, Racial Discrimination, and Substance Use Vulnerability Among African American Young Adults. Personality and Social Psychology Bulletin. 37(10):1349-1361. Luhtanen, R., & Crocker, J. (1992). A collective self-esteem scale: Self-evaluation of one's social identity. Personality and Social Psychology Bulletin, 18(3), 302–318. 8) Berg, J., Dickhaut, J., & McCabe, K. (1995). Trust, reciprocity, and social history. Games and Economic Behavior, 10, 122–142. 9) Wade, N. G., Vogel, D. L., Liao, K. Y., & Goldman, D. (2008). Measuring state-specific rumination: Development of the Rumination About an Interpersonal Offense Scale. Journal of Counseling Psychology, 55(3), 419–426. 10) Löckenhoff, C. E., Cook, M. A., Anderson, J. F., & Zayas, V. (2012). Age differences in Responses to Progressive Social Exclusion: The role of cognition and socioemotional functioning. The Journals of Gerontology: Series B, 68(1), 13–22 1) Derfler-Rozin, R., Pillutla, M., & Thau, S. (2010). Social reconnection revisited: The effects of social exclusion risk on reciprocity, trust, and general risk-taking. Organizational Behavior and Human Decision Processes, 112(2), 140–150. Outgroup Acknowledgments Ingroup Group Status We want to thank Will Crouch and the other members of both SHER Lab and D3 Lab for their $F(1,152)=1.67, p=0.19, \eta^2=0.01$

• Results



Scan this QR code for a Cyberball demonstration and a copy of this poster!

Results (cont.)

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