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Gender pairing and bargaining—Beware the same sex!

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Abstract

We study the influence of gender and gender pairing on economic decision making in an experimental two-person bargaining game where the other party's gender is known to both actors. We find that (1) gender *per se* has no significant effect on behavior, whereas (2) gender *pairing* systematically affects behavior. In particular, we observe much more competition and retaliation and, thus, lower efficiency when the bargaining partners have the same gender than when they have the opposite gender. These findings are consistent with predictions from evolutionary psychology. Implications of our results for real-world organizations are discussed.



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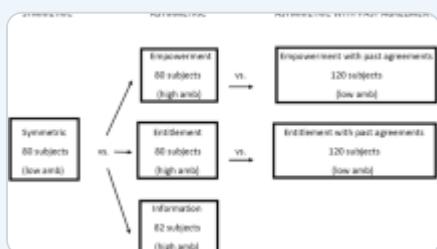
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References

Andreoni, J., & Vesterlund, L. (2001). Which is the fair sex? Gender differences in altruism. *Quarterly Journal of Economics, 116*, 293–312.

[Article](#) [Google Scholar](#)

Ayres, I. (1991). Fair driving: Gender and race discrimination in retail car negotiations. *Harvard Law Review, 104*, 817–872.

Ayres, I., & Siegelman, P. (1995). Race and gender discrimination in bargaining for a new car. *American Economic Review*, 85, 304-321.

[Article](#) [Google Scholar](#)

Ben-Ner, A., Kong, F., & Puttermann, L. (2004). Share and share alike? Intelligence, socialization, personality, and gender-pairing as determinants of giving. *Journal of Economic Psychology*, 25, 581-589.

[Article](#) [Google Scholar](#)

Bolton, G., & Katok, I. (1995). An experimental test for gender differences in beneficent behavior. *Economics Letters*, 48, 287-292.

[Article](#) [Google Scholar](#)

Bosman, R., Sutter, M., & van Winden, F. (2005). On the role of emotions and real effort in a power-to-take game: Experimental studies. *Journal of Economic Psychology*, 26, 407-429.

[Article](#) [Google Scholar](#)

Bosman, R., & van Winden, F. (2002). Emotional hazard in a power-to-take experiment. *Economic Journal*, 112, 147-169.

[Article](#) [Google Scholar](#)

Bowles, H. R., & McGinn, K. L. (2002). When does gender matter in negotiation? John F. Kennedy School of Government, Harvard University. Working Paper RWP02-036.

Bowles, H. R., Babcock, L., & McGinn, K. L. (2005). Constraints and triggers: Situational mechanics of gender in negotiation. *Journal of Personality and Social*

Buss, D. M. (1999). *Evolutionary psychology. The new science of the mind*. Boston: Allyn and Bacon.

[Google Scholar](#)

Camerer, C. F. (2003). *Behavioral game theory. Experiments in strategic interaction*. Princeton: Princeton University Press.

[Google Scholar](#)

Camerer, C., & Hogarth, R. M. (1999). The effects of financial incentives in experiments: A review and capital-labor-production framework. *Journal of Risk and Uncertainty*, 19, 7–42.

[Article](#) [Google Scholar](#)

Carpenter, J., Verhoogen, E., & Burks, S. (2005). The effects of stakes in distribution experiments. *Economics Letters*, 86, 393–398.

[Article](#) [Google Scholar](#)

Craver, C., & Barnes, D. (1999). Gender, risk taking, and negotiation performance. *Michigan Journal on Gender and Law*, 5, 299–352.

[Google Scholar](#)

Croson, R., & Buchan, N. (1999). Gender and culture: International experimental evidence from trust games. *American Economic Review, Papers and Proceedings*, 89, 386–391.

[Google Scholar](#)

Croson, R., & Gneezy, U. (2009, forthcoming). Gender differences in preferences. *Journal of Economic Literature*.

Dufwenberg, M., & Muren, A. (2006). Gender composition in teams. *Journal of Economic Behavior and Organization*, 61, 50-54.

[Article](#) [Google Scholar](#)

Eckel, C. C., & Grossman, P. J. (1998). Are women less selfish than men? Evidence from dictator experiments. *Economic Journal*, 108, 726-735.

[Article](#) [Google Scholar](#)

Eckel, C. C., & Grossman, P. J. (2001). Chivalry and solidarity in ultimatum games. *Economic Inquiry*, 39, 171-188.

[Article](#) [Google Scholar](#)

Eckel, C. C., & Grossman, P. J. (2008). Differences in the economic decision making of men and women: Experimental evidence. In C. Plott & V. L. Smith (Eds.), *Handbook of experimental economics results* (Vol. 1, pp. 509-519). Amsterdam: North Holland.

[Chapter](#) [Google Scholar](#)

Fehr, E., Fischbacher, U., von Rosenbladt, B., Schupp, J., & Wagner, G. G. (2003). A nationwide laboratory. Examining trust and trustworthiness by integrating behavioral experiments into representative surveys. Institute for Empirical Research in Economics. Working Paper 141. University of Zurich.

Fehr, E., Naef, M., & Schmidt, K. (2006). The role of equality, efficiency, and Rawlsian motives in social preferences: A reply to Engelmann and Strobel. *American Economic Review*, 96, 1912-1917.

[Article](#) [Google Scholar](#)

Fischbacher, U. (2007). z-Tree: Zurich toolbox for readymade economic experiments. *Experimental Economics*, 10, 171–178.

[Article](#) [Google Scholar](#)

Frey, B., & Bohnet, I. (1995). Institutions affect fairness: Experimental investigations. *Journal of Institutional and Theoretical Economics*, 151, 286–303.

[Google Scholar](#)

Frey, B., & Bohnet, I. (1999a). Social distance and other-regarding behavior in dictator games: Comment. *American Economic Review*, 89, 335–339.

[Article](#) [Google Scholar](#)

Frey, B., & Bohnet, I. (1999b). The sound of silence in prisoner's dilemma and dictator games. *Journal of Economic Behavior and Organization*, 38, 43–57.

[Article](#) [Google Scholar](#)

Ginther, D. K., & Kahn, S. (2004). Women in economics: Moving up or falling off the academic career ladder? *Journal of Economic Perspectives*, 18, 193–214.

[Article](#) [Google Scholar](#)

Ginther, D. K., & Hayes, K. J. (2003). Gender differences in salary and promotion for faculty in the humanities. *Journal of Human Resources*, 38, 34–73.

[Article](#) [Google Scholar](#)

Gneezy, U., Niederle, M., & Rustichini, A. (2003). Performance in competitive environments: Gender differences. *Quarterly Journal of Economics*, 118, 1049–1074.

[Article](#) [Google Scholar](#)

Gneezy, U., Leonard, K. L., & List, J. A. (2009, forthcoming). Gender differences in competition. Evidence from a matrilineal and a patriarchal society. *Econometrica*.

Grether, D. M. (1992). Testing Bayes rule and the representative heuristic: Some experimental results. *Journal of Economic Behavior and Organization*, 17, 623-638.

[Article](#) [Google Scholar](#)

Gupta, N. D., Poulsen, A., & Villeval, M. (2005). Do (wo)men prefer (non-)competitive jobs? GATE Working Paper No. 05-12 and IZA Discussion Paper No. 1833.

Holm, H. J. (2000). Gender-based focal points. *Games and Economic Behavior*, 32, 292-314.

[Article](#) [Google Scholar](#)

Loewenstein, G. (2000). Emotions in economic theory and economic behavior. *American Economic Review, Papers and Proceedings*, 90, 426-432.

[Google Scholar](#)

Niederle, M., Segal, C., & Vesterlund, L. (2008). How costly is diversity? Affirmative action in light of gender differences in competitiveness. Working Paper.

Niederle, M., & Vesterlund, L. (2007). Do women shy away from competition? Do men compete too much?. *Quarterly Journal of Economics*, 122, 1067-1101.

[Article](#) [Google Scholar](#)

Robertson, R. E. (2001). Women in management: Analysis of selected data from the current population survey. Report to Congressional Requesters No. GAO Report 02-156. U.S. General Accounting Office, Washington, D.C.

Schweitzer, M., & Solnick, S. (1999). The influence of physical attractiveness and gender on ultimatum game decisions. *Organizational Behavior and Human Decision Processes*, 79, 199-215.

[Article](#) [Google Scholar](#)

Sokoloff, N. J. (1992). *Black women and white women in the professions: Occupational segregation by race and gender, 1960-1980*. New York: Routledge.

[Google Scholar](#)

Solnick, S. J. (2001). Gender differences in the ultimatum game. *Economic Inquiry*, 39, 189-200.

[Article](#) [Google Scholar](#)

Stuhlmacher, A. F., & Walters, A. E. (1999). Gender differences in negotiation outcome: A meta-analysis. *Personnel Psychology*, 52, 653-677.

[Article](#) [Google Scholar](#)

Sutter, M., & Kocher, M. G. (2007). Trust and trustworthiness across different age groups. *Games and Economic Behavior*, 59, 364-382.

[Article](#) [Google Scholar](#)

Trivers, R. L. (1972). Parental investment and sexual selection. In B. Campbell (Ed.), *Sexual Selection and the Descent of Man: 1871-1971* (pp. 136-179). Chicago: Aldine.

[Google Scholar](#)

Walters, A. E., Stuhlmacher, A. F., & Meyer, L. L. (1998). Gender and negotiator competitiveness: A meta-analysis. *Organizational Behavior and Human Decision Processes*, 76, 1-29.

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Watson, C. (1994). Gender versus power as a predictor of negotiation behavior and outcomes. *Negotiation Journal*, 10, 117-127.

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Electronic Supplementary Material

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Supplementary material accompanying “Gender pairing and bargaining – Beware the same sex!” by Matthias Sutter, Ronald Bosman, Martin Kocher and Frans van Winden (doc 117KB)

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