

**Jacob J. Coutts**  
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jjcoutts.com

## **Education**

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- Ph.D., Quantitative Psychology** **2018 - Present**  
*The Ohio State University*  
Advisor: Andrew F. Hayes, PhD
- Master of Science in Quantitative Psychology (MS)** **2018 - Present**  
*The Ohio State University*  
Thesis: *Contrasting Contrasts: An Exploration of Methods for Comparing Indirect Effects in Mediation Models*  
Advisor: Andrew F. Hayes, PhD
- Master of Applied Statistics (MAS)** **2018 - Present**  
*The Ohio State University*
- B.S. Psychological Sciences (Minor: Communication Studies)** **2014 - 2018**  
*Northern Arizona University*  
University Honors: Gold Axe, Summa Cum Laude  
Department Honors

## **Publications**

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- Hayes, A.F. & **Coutts, J.J.** (2020). Use omega rather than Cronbach's alpha for estimating reliability. But... *Communication Methods and Measures*, 14(1), 1-24.  
doi.org/10.1080/19312458.2020.1718629
- Coutts, J.J.**, Hayes, A.F., & Jiang, T. (2019). Easy statistical mediation analysis with distinguishable dyadic data. *Journal of Communication*, 69(6), 612-649. doi.org/10.1093/joc/jqz034
- Work(s) in progress**
- Coutts, J.J.**, Weidler, D.J., Al-Kire, R.L. (under revision). I can see (myself) clearly now: Exploring the mediating role of self-concept clarity in the association between self-compassion and indicators of well-being.
- Jiang, T., **Coutts, J.J.**, Hayes, A.F. (in prep). Reasons for and methods of contrasting indirect effects in dyadic mediation models.

## **Teaching Experience**

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- Course Coordinator – *Introduction to Psychology* **Autumn 2020 - Present**
- Course Instructor – *Introduction to Psychology* **Autumn 2019 - Present**
- Teaching Apprentice – *Introductory Statistics in Psychology Lab* **2016 - 2017**  
Advisor: Matthew Anderson, Northern Arizona University

## **Workshops**

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- Co-Instructor** (2020). Mediation analysis with distinguishable dyadic data. *Invited* workshop at the 111th Annual Convention of the Eastern Communication Association, Baltimore, MD, 03 April 2020. (Conference canceled)
- Course Assistant** (2019). Statistical Mediation and Moderation.  
Instructor: Andrew F. Hayes. Statistical Horizons, Chicago, IL, 15 July 2019 – 20 July 2019.
- Co-Instructor** (2019). Easy statistical mediation analysis with distinguishable dyadic data. *Invited* workshop at the 91st Annual Convention of the Midwestern Psychological Association, Chicago, IL, 13 April 2019.

## **Oral Presentations**

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- Coutts, J. J., & Weidler, D. J.** (2018). Love, know, grow: Exploring the mediating role of self-concept clarity in the relationship between self-compassion and psychological well-being. Presentation at the 2018 Annual Convention of the Rocky Mountain Psychological Association, Denver, CO, 04 April 2018.
- Coutts, J.J., Al-Kire, R.L., & Weidler, D.J.** (2017). Investigating the relationship between self-concept clarity and the benefits of self-compassion. Presentation at the 9th Annual National Science Foundation Research Experience for Undergraduates Conference, Flagstaff, AZ, 14 July 2017.
- Dunbar, N.D., Anderson, M.D., & **Coutts, J.J.** (2016). Promoting success: An 8-week online statistics lab for transfer students in the psychological sciences major. Presentation at the SBS Retreat for Learning with Technology, Flagstaff, AZ, 26 August 2016.

## **Poster Presentations**

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### National

- Coutts, J.J., Hayes, A.F., & Jiang, T.** (2019). MEDYAD: An analytical tool for assessing mediation in distinguishable dyads. Poster presented at the Annual Meeting of the Association for Psychological Science, Washington, D.C., 24 May 2019.
- Coutts, J.J., & Walters, A.S.** (2018). "It was the best of times, it was the worst of times": Having "The Talk" about sexuality with my parents. Poster presented at the Annual Meeting of the American Association of Sexuality Educators, Counselors, and Therapists, Denver, CO, 14 June 2018.
- Coutts, J.J., Al-Kire, R.L., & Weidler, D.J.** (2017). "I know because I care": Exploring the mediating role of self-concept clarity in the relationship between self-compassion and its benefits. Poster presented at the Research Experiences for Undergraduates Symposium, Alexandria, VA, 23 October 2017.
- Coutts, J.J., & Walters, A.S.** (2017). "I had a great sex education, but it was terrible": Dimensionalizing what it means to come from a sex positive or sex negative household. Poster presented at the Annual Meeting of the American Association of Sexuality Educators, Counselors, and Therapists, Las Vegas, NV, 15 June 2017.
- Enriquez, D.F., **Coutts, J.J.**, Cashman, E.G., & Walters, A.S. (2017). Sexualities of Latino- and Caucasian-identifying men: Similarities and (some) differences. Poster presented at the Annual Meeting of the American Association of Sexuality Educators, Counselors, and Therapists, Las Vegas, NV, 15 June 2017.

### Regional

- Galat, K.I., **Coutts, J.J.**, & Donohue, D.K. (2018). Getting gritty with it: Exploring the mediating role of conscientiousness in the relationship between self-control and grit. Poster presented at the 98th Annual Convention of the Western Psychological Association, Portland, OR, 25 April 2018.
- Bryson, M.M., **Coutts, J.J.**, & Donohue, D.K. (2018). "Forgive and for-grit": The mediating role of self-esteem in grit, self-compassion, and happiness. Poster presented at the 98th Annual Convention of the Western Psychological Association, Portland, OR, 25 April 2018.
- Camacho, A., **Coutts, J.J.**, & Donohue, D.K. (2018). Get a grit: An analysis of grit as a mediator in the relationship between conscientiousness and academic achievement. Poster presented at the 98th Annual Convention of the Western Psychological Association, Portland, OR, 25 April 2018.
- Coplen, C.C., **Coutts, J.J.**, & Donohue, D.K. (2018). Agree to disagree: Exploring the relationship between self-compassion and self-esteem. Poster presented at the 2018 Annual Convention of the Rocky Mountain Psychological Association, Denver, CO, 03 April 2018.

### Local

- Barger, S.D., **Coutts, J.J.**, Anderson, M.D., Dunbar, N.D., & Dmitrieva, N.O. (2018). Do grade incentives affect performance on a statistics assessment instrument? A randomized study in an introduction to statistics in psychology course. Poster presented at the Northern Arizona University Assessment Fair, Flagstaff, AZ, 11 April 2018.
- Carballo, B., **Coutts, J.J.**, & Donohue, D.K. (2017). Individualism, collectivism, and the self: An exploration of compassion and self-compassion. Poster presented at the College of Social and Behavioral Sciences Fall 2017 Symposium, Flagstaff, AZ, 01 December 2017.
- Coutts, J.J.**, Al-Kire, R.L., & Weidler, D.J. (2017). Familiarity breeds liking...or vice versa: Looking at the mediating role of self-concept clarity in self-compassion. Poster presented at the 9th Annual National Science Foundation Research Experience for Undergraduates Conference, Flagstaff, AZ, 14 July 2017.
- Bryson, M.M., Carballo, B., **Coutts, J.J.**, & Donohue, D.K. (2017). Associations of cultural values, gender, and motivation for achievement. Poster presented at Northern Arizona University's Annual Undergraduate Symposium, Flagstaff, AZ, 28 April 2017.
- Camacho, A., Wolcott, A., **Coutts, J.J.**, & Donohue, D.K. (2017). A generation motivated by the self. Poster presented at Northern Arizona University's Annual Undergraduate Symposium, Flagstaff, AZ, 28 April 2017.
- Coutts, J.J.**, Henderson, K.E., & Donohue, D.K. (2016). Themes of happiness, sadness, and higher education: Culture and self. Poster presented at the College of Social and Behavioral Sciences Fall 2016 Symposium, Flagstaff, AZ, 9 December 2016.

### Colloquia

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- Coutts, J.J.** (2020). It makes a difference: Methods for comparing indirect effects in multiple mediator models. Talk presented at The Quantitative Psychology Seminar, Columbus, OH, 20 April 2020.
- Hayes A.F. & **Coutts, J.J.** (2019). Use omega, not Cronbach's alpha for reliability. Talk presented at The Quantitative Psychology Seminar, Columbus, OH, 11 October 2019.

**Coutts, J.J.** (2019). SEM, OLS regression, and their application to mediation analysis in dyadic data. Talk presented at The Quantitative Psychology Seminar, Columbus, OH, 1 April 2019.

## **Software**

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**Coutts, J.J.**, Hayes, A.F., Jiang, T. (2019). MEDYAD. An SPSS, SAS, and R macro/function for mediation analysis in distinguishable dyadic data. Available at [jjcoutts.com](http://jjcoutts.com).

Hayes, A.F. & **Coutts, J.J.** (2019). OMEGA. An SPSS and SAS macro for obtaining McDonald's Omega and Cronbach's Alpha. Available at [afhaves.com](http://afhaves.com).

## **Leadership Positions**

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| Vice President – Quantitative Psychology Graduate Student Association | <b>2019 - Present</b> |
| Research Mentor – Undergraduate Research Mentorship Program           | <b>2017 - 2018</b>    |
| Lab Manger – <i>Culture and Academic Achievement Lab</i>              | <b>2016 - 2018</b>    |
| Advisor: Dana Donohue   |                       |

## **Statistical Programs and Languages**

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IBM SPSS Statistics 27 (including macro programming with MATRIX)  
GAUSS  
Mplus  
R and RStudio  
SAS (including macro programming with PROC IML)

## **Honors and Awards**

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### *The Ohio State University*

Distinguished University Fellowship (Two Years)

Meritorious Teaching Award – PSYCH 1100

The College of Arts and Sciences Division of Social and Behavioral Sciences Scholarship

### *Northern Arizona University*

Dean's Travel Award

Department of Psychological Sciences' Travel Award

Gold Axe Award

Lumberjack Scholars Award

Outstanding Junior of the Department of Psychological Sciences

Outstanding Senior of the Department of Psychological Sciences

Student Travel Award

Summa Cum Laude

The Conklin-Faust Student Scholarship Award

## **Journal Reviewing**

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Journal of Gerontology (Psychology)

Journal of Happiness Studies

PLOS One

## **Service**

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Volunteer at Graduate School Application Review Day, Department of Psychology **2019**

Panel Member, A Note on Graduate School, Department of Psychology **2019**

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| Volunteer for the Ohio Psychology Teaching Conference                                  | 2019 |
| Judge for the American Statistical Association DataFest at OSU                         | 2019 |
| Thesis Judge for the Spring Undergraduate Research Festival                            | 2019 |
| Poster Judge at the Psychology Undergraduate Research Colloquium                       | 2019 |
| Volunteer for the Edward F. Hayes' Graduate Forum                                      | 2019 |
| Panel Member, How to Get into Graduate School, Department of Psychology                | 2018 |
| Panel Member, Applying to Graduate, Medical, or Law School Workshop                    | 2018 |
| Panel Member, Graduate and Professional Recruitment, Office of Diversity and Inclusion | 2018 |

### **Professional Affiliations**

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American Psychological Association (APA)  
 American Statistical Association (ASA)  
 Association for Psychological Science (APS)  
 Psi Chi Honor Society  
 Society for Personality and Social Psychology (SPSP)