

GIULIO COSTANTINI

Curriculum Vitae – October 2022

Psychology Department

University of Milan-Bicocca

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SHORT SUMMARY

I am currently assistant Professor of Psychometrics at the same department. My main research interests span the fields of personality psychology, psychological methods, and network analysis. My research has been focusing mainly on developing network analysis as a statistical and theoretical tool to model personality, with a specific focus on personality and its motivational systems. Additionally, I apply the network methodology to understand the structure and processes specific traits, namely conscientiousness and, more recently, thanks to a grant awarded by the Wake Forest University and the John Templeton Foundation (#61842), trait honesty. I am also interested in the psychometric measurement of personality, using both questionnaires and implicit measures. Other research interests include the relationships between personality, behavior, and psychological situations; creative problem solving; statistical power and scientific reproducibility.

CURRENT POSITION

Dec 2019 - Today **Assistant Professor in Psychometrics (MPSI/03) – Tenure Track position (Italian RTD-B)**
Psychology Department, University of Milan-Bicocca

EDUCATION

NATIONAL QUALIFICATIONS

Sep 2022 **National Academic Qualification as Full Professor**
Scientific sector 11/E1
Valid from 27/09/2022 to 27/09/2032
<https://asn21.cineca.it/pubblico/miur/esito/11%252FE1/1/3>

Nov 2018 **National Academic Qualification as Associate Professor**
Scientific sector 11/E1
Valid from 05/11/2018 to 05/11/2024
<https://asn16.cineca.it/pubblico/miur/esito-abilitato/11%252FE1/2/5>

EDUCATION

Feb 2015 **PhD in Experimental Psychology, Linguistics and Cognitive Neuroscience,**
Psychology Department, University of Milan-Bicocca.
Thesis: “Network Analysis: A New Perspective on Personality Psychology”. Supervisor: Prof. Marco Perugini.

Lug 2010 **Master’s degree in Psychology (110/110 cum laude),**
University of Milan-Bicocca.

Lug 2008 **Bachelor’s degree in Psychology (110/110 cum laude),**
University of Milan-Bicocca.

ADDITIONAL EDUCATION

Jan 2020 Winterschool “Modeling the dynamics of intensive longitudinal data”,
Tillburg Experience Sampling Center (TESC), Tillburg University,
Netherlands, 6-9 Gennaio 2020. Lecturers: H. Hamaker, N.
Schoorman, L. Bringmann, R. Kuiper, O. Ryan.

May 2017 School “Complex Networks: theory, methods and applications III” Lake
Como School. Como, 15-19 Maggio 2017. Organizer: Alessandro Volta
Foundation.

- Sep 2016 Workshop “Bayesian analysis with JASP: A fresh way of doing statistics”. Prof. E.J. Wagenmakers (University of Amsterdam). Sep 26-27 2016.
Psychology Department, University of Milan-Bicocca.
- May 2015 “Bayesian Statistics: Modelling, Computation and Testing”, prof. I. Ntzoufras. Organized by the the program in “Statistics and Financial Mathematics”, University of Milan-Bicocca, May 11-15 2015.
- Jul-Aug 2012 Summer School in “Method and Techniques: Introduction to Network Analysis with Pajek”. Prof. V. Batagelj. University of Lubljana, Slovenia, July 27– August 11 2012.
Organizer: European Consortium for Political Research.
- Apr 2013 – Sep 2013 Post-lauream Internship “A Social Network Analysis of the Psychology Department”.
Psychology Department, University of Milan-Bicocca.
Tutor: Prof.ssa Cristina Zogmaister.
Duration: h. 500.
- Oct 2012 – Apr 2013 Post-lauream Internship “Situation, Personality, and Behavior”.
Psychology Department, University of Milan-Bicocca.
Tutor: Prof.ssa Cristina Zogmaister.
Duration: h. 500.
- Jul 2011 Summer school “Robust Statistics for Personality And Individual Differences”, Organizers: J. B. Asendorpf, M. Perugini, R. Wilcox.
University Residential centre of Bertinoro, Bertinoro, FC, Italy.

TEACHING EXPERIENCE

COURSES AT THE PHD LEVEL

- AY 2021-22 2022 **LEARNVUL Summer School**, September 5-9th, 2022, Fondazione Volta, Como. I taught R Markdown (1.5 hours) and the Random-intercept Cross-lagged panel model in R (1.5 hours).
- AY 2020-21 Summer School “**The signal and the noise: Replicability of results and statistical power**”, September 27-28th, 2021, Department of Psychology, of Developmental and Socialization processes, Faculty of Medicine and Psychology, Sapienza Roma University. Virtual school lasting 4 hours (Perugini) + 4 hours (Costantini).
- AY 2020-21 **Costantini, G.**, *Simulations of power analysis for complex experimental designs in R*. Invited PhD course, PhD in Psychology and Social Neurosciences, Psychology Department, Università la Sapienza di Roma. May 14 2021, Organizer: prof. Matteo Candidi. Duration: 1.5 hours.
- AY 2020-21 2021 **LEARNVUL Summer School**, September 20-24th, 2021, Timisoara. I taught nine lectures lasting about 1.5 hours each, four of which in compresence. Lectures included an introduction to the software R, data-analysis and power analysis in R.
- AY 2018-19 Costantini, G. & Perugini, M., **Crash course on Power Analysis**. Invited PhD seminar, Dipartimento di Psicologia e Scienze Cognitive, Università degli Studi di Trento. Scientific coordinator: Maria Paola Paladino. January 25th, 2019; Duration: 3 hours (Perugini) + 2 hours (Costantini).
- AY 2015-16,
AY 2016-17,
AY 2017-18
AY 2018-19,
AY 2019-20,
AY 2020-21
AY 2021-22 “**The R statistical software**”, PhD school in Psychology. Psychology Department, University of Milan-Bicocca. Duration: 24 hours/year for AYs 2015-18, 6 hours/year from AY 2018/19.
- Aug 2014 **Teaching assistant for the Summer School “Using R for personality research”**
Aug 23-28 2014, Bertinoro, Italy.
Duration of my teaching activity: 20 hours.

MASTER’S COURSES

- AY 2018-2019 **Quantitative Methods**
AY 2019-2020

AY 2020-2021	Master's course: Social, Economic, and Decision-Making Psychology, University of Milan-Bicocca. Duration: h. 56.
AY 2017-2018 AY 2021-2022	Multivariate Data Analysis Master's course: Clinical Psychology and Neuropsychology. Psychology Department, University of Milan-Bicocca. Duration: h. 42.
AY 2017-2018 AY 2018-2019 AY 2019-2020 AY 2020-2021 AY 2021-2022	Lab instructor - Psychometrics and Quantitative Methods. Master's course: Applied Experimental and Psychological Sciences. Psychology Department, University of Milan-Bicocca. Duration 2017-18: h. 18. Duration all other years: h. 16.
AY 2015-2016 AY 2016-2017	Lab instructor – Multivariate Data Analysis. Master's course: Clinical Psychology and Neuropsychology. Psychology Department, University of Milan-Bicocca. Duration: h. 16/year.
AY 2012-2013, AY 2017-2018	Quantitative Methods Lab. Master's course: Psychology of Social, Decisional and Behavioral-Economic processes" Psychology Department, University of Milan-Bicocca. Duration: h. 24 /year.

BACHELOR'S COURSES

AY 2014-2015 AY 2015-2016 AY 2016-2017	Lab instructor – Psychometrics with SPSS lab 2. Bachelor's course: Psychological Sciences and Techniques Psychology Department, University of Milan-Bicocca. Duration: h. 16 / year.
AY 2015-2016	Tutor – Psychometrics with SPSS lab. Bachelor's course: Psychological Sciences and Techniques Psychology Department, University of Milan-Bicocca. Duration: h. 30
AY 2012-2013	Lab instructor – Psychometrics with SPSS lab 1. Bachelor's course: Psychological Sciences and Techniques Psychology Department, University of Milan-Bicocca. Duration: h. 32

MENTORING AND RESEARCH ADVISING

- Since 2022 Supervisor of the PhD candidate Anastasia Galkina, for the PhD program in Psychology, Linguistics and Cognitive Neuroscience.
- Since 2021 Supervisor of the post-doc position awarded to Dr. Simona Amenta, for the project "Honest for the good reason: The impact of goals and motives on honesty"
- Since 2021 Supervisor of a scholarship for research activity awarded to Anastasia Galkina, for the project "Honest for the good reason: The impact of goals and motives on honesty"
- Since 2020 Supervisor of PhD candidate Laura Ceppi for an executive scholarship in the PhD program in Psychology, Linguistics and Cognitive Neuroscience.
Co-supervisor: Dott.ssa Rossella di Pierro.
- Since 2018 Member of the PhD committee of Andria Christodolou, PhD student in clinical psychology at the University of Cyprus. The dissertation was defended on April 2nd 2021.
Supervisor: prof. Michalis Michaelides
- Since 2017 Co-supervisor of PhD candidate Federica Conte for the PhD program in Psychology, Linguistics and Cognitive Neuroscience.
Supervisor: prof.ssa Luisa Girelli
University of Milan-Bicocca
- Since 2015 Supervisor and co-advisor for several master's and bachelor's theses.

RESEARCH EXPERIENCE

PERSONAL SKILLS

Research interests	<p>Network models of personality and psychopathology. Applications of network analysis to the study of personality mechanisms, with a keen eye for motivational processes.</p> <p>Personality assessment through self-report and through the Implicit Association Test (IAT).</p> <p>Development of scoring algorithms for the IAT.</p> <p>Scientific reproducibility and power analysis.</p> <p>Personality, behavior and situations across cultures.</p> <p>Psychometric assessment of problem solving (insight, creativity) abilities</p> <p>Development of R packages.</p>
Software	<p>Data Analysis</p> <ul style="list-style-type: none"> - R: I am author and co-author of several R packages. I teach R for PhD and MSc students. - SPSS: I teach SPSS at the bachelor's and master's level. - Jamovi: I teach Jamovi courses at the Master's level. - Pajek, a software for network analysis: user. - Matlab/Octave: basic knowledge. <p>Software for data collection:</p> <ul style="list-style-type: none"> - Inquisit - Qualtrics <p>Generic software:</p> <ul style="list-style-type: none"> - Windows and Office: advanced user.
Languages	<p>Italiano (mothertongue), Inglese.</p>

RESEARCH EXPERIENCE

- Dec 2019 - Today **Assistant Professor in Psychometrics (MPSI/03) – Tenure Track position (Italian RTD-B)**
Psychology Department, University of Milan-Bicocca
- Ott 2017 – Dec 2019 **Assistant Professor in Psychometrics (MPSI/03) – Temporary position (Italian RTDA)**
Psychology Department, University of Milan-Bicocca
- Jan 2016 – Sep 2017 **Post-doctoral research fellow in Psychometrics (MPSI/03),**
Psychology Department, University of Milan-Bicocca.
Research: “Network analysis as a new statistical tool: Applications to personality and beyond”.
Scientific advisor: prof. Marco Perugini.
- Lug-Nov 2015 **Post-doctoral research fellow**, research project: “Personality perception and network analysis”.
Psychology Department, University of Milan-Bicocca.
Scientific advisor: prof. Marco Perugini.
Duration: 5 months.
- Gen-Mag 2015 **Post-doctoral research fellow**, research project: “Applications of network analysis to personality”.
Psychology Department, University of Milan-Bicocca.
Scientific advisor: prof. Marco Perugini.
Duration: 5 months.

VISITING PHD STUDENT

- Ott 2013 -
Mar 2014 **Visiting PhD student**; Psychological Methods group, Department of Psychology, University of Amsterdam. Duration: 6 months.
Advisor: prof. D. Borsboom.

INVITED PARTICIPANT TO INTERNATIONAL WORKSHOPS

- Dec 2021 **Invited participant to the Expert Meeting of the European Association for Personality Psychology (EAPP) “Dynamics of Personality: Integrating nomothetic and idiographic approaches into a synthetic framework”.** December 3-4 2021, online. Organizers: John Rauthmann, Markus Quirin, Le Vy Phan, Nick Modersitzki, Niclas Kuper, Gina Hernandez.
- Sep 2018 **Invited participant to the joint Expert Meeting of the European Association for Personality Psychology (EAPP) and the European**

Association of Psychological Assessment (EAPA) “Conceptualizing and assessing personality: New approaches to fundamental questions”.
Organizers: René Möttus, David Condon, Dustin Wood

Jul 2015

Invited participant to the Expert Meeting of the European Association for Personality Psychology (EAPP) “Integrating personality structure and processes”.
Annweiler am Triefels, Germany, July 27-29 2015.
Organizers: Anna Baumert, Marco Perugini, Manfred Schmitt

Aug 2013

Invited participant to the Expert Meeting of the European Association for Personality Psychology (EAPP) “Situations and Person-Situation Interactions”.
Berlin, Germany, August 23-25 2013.
Organizers: John F. Rauthmann and David C. Funder.

RESEARCH AWARDS, FUNDING, AND PARTICIPATION TO RESEARCH PROJECTS

2021-2023

Costantini, G. (PI), Perugini, M. (co-PI), “Honest for the good reason: The impact of goals and motives on honesty.” Project funded by the Honesty Project at Wake Forest University and John Templeton Foundation, for \$150,241.00

2020-2023

Member of the Unimib research unit for the project H2020-WIDESPREAD-2020-5, €900,000, Sava, F.A., De Houwer, J., Perugini, M. “Learning in emotionally vulnerable people”.

2020

Study award to conduct a replication as part of COS (Center for Open Science) effort in the SCORE program (Systematizing Confidence in Open Research and Evidence, www.cos.io/score), \$7,044.

2020

Preregistration prize. Prize for preregistration of a study within the SCORE project (\$500), awarded by the Center for Open Science in collaboration with the DARPA.

2017, 2018, 2019,
2020, 2021

Departmental publication prize. Prize for scientific productivity during the previous year (€500 per year until 2019, €600 since 2020). This prize is assigned to members of the department according on the bibliometric quality (i.e., impact factor / Scimago quantiles) of a selection of previous year’s publications. The prize amounts to max €500 until 2019 and €600 since 2020.

2017, 2018, 2019,
2020, 2021

Annual research grants (Departmental University Research Fund), awarded every year according to bibliometric quality (i.e., impact factor / Scimago quantiles) of publications, for a total of €10,981 between 2017 and 2021

- 2016 **EAPP scholarship** for attending the 18th European Conference on Personality. 19-23 Luglio 2016, West University of Timisoara, Romania.
- 2013-2014 **Cariplo** (Cariplo Foundation, www.fondazionecriplo.it), research grant “Dottorato ad alta formazione in Psicologia Sperimentale e Neuroscienze Cognitive”, Progetto di ricerca: “New applications of network analysis as a psychometric tool in personality psychology”. grant number 2010-1432 (3000 euro).

REVIEWER

2022 - ongoing	Associate Editor , European Journal of Psychological Assessment Editor in Chief: prof. Dragos Iliescu
	Associate Editor , European Journal of Personality Editor in Chief: prof. René Möttus
2020 – 2022	Consultant editor , European Journal of Personality. Editor in Chief: prof. René Möttus
2020-2022	Reviewer editor – Frontiers in Psychology
2016 –2020	Consulting editor , European Journal of Personality. Editor in Chief: prof. Mitja Back
2022	Member of the Scientific Committee for the 20 th European Conference on Personality, Madrid, Spain, July 12 th -15 st 2022.
2017-2018	Member of the Scientific Committee for the 19 th European Conference on Personality, Zadar, Croatia, July 17 th -21 st 2018.
Ad hoc reviewer	European Journal of Personality; Personality Science; Journal of Personality and Social Psychology; Journal of Research in Personality; Journal of Personality; Personality and Individual Differences, Journal of Personality Disorders; Knowledge-Based Systems; Behavior Research Methods; Social Psychological and Personality Science; PloS ONE; European Journal of Psychological Assessment; Health Psychology and Behavioral Medicine; TPM (Testing, Psychometrics, Methodology in Applied Psychology); GIP - Giornale Italiano di Psicologia (Italian Journal of Psychology), Psicologia Sociale, PeerJ, BMC Psychiatry, BMC Psychology, Psychiatry Research, Assessment; Journal of Personality Assessment; Journal of Affective Disorders; International Journal of Obesity; Multivariate Behavioral Research; Journal of Behavioral Medicine; British Journal of Social Psychology; Psychological Medicine; PsyCh Journal; Journal of Counseling Psychology, International Journal of Psychology, Journal of Open Science Software (JOSS); Identity; Scientific Reports; European Journal of Social Psychology

PROFESSIONAL AFFILIATIONS AND MEMBERSHIPS

Collaborator of the **PsychoSystems group** (<http://psychosystems.org>)

Member of the **Open Science Collaboration for the Reproducibility Project: Psychology** (<https://osf.io/ezcuj/wiki/home/>) and co-author of the “Reproducibility Project: Psychology”, which was ranked #8 of Top 100 Stories of 2015 by Discover Magazine, #6 by Science News, #5

in Altmetric100, Nature Magazine's Top Science Stories of 2015, and runner-up for Breakthrough of the Year by Science Magazine

Member of the **International Situations Project** (<http://www.rap.ucr.edu/>)

Member of **UniData**, University of Milan-Bicocca. <http://www.unidata.unimib.it>

Member of the **PSYCHOSCOPE** group (Psychometrics of Social Cognition and Personality, <http://psychoscope.psico.unimib.it>)

Member of the **Experimental Clinical and Personality Psychology Lab (ECLIPPS)**; <http://eclipps.psico.unimib.it/>).

Member of the Interdisciplinary Research in Resilience and Cognition Laboratory (InteRRaCt), Queen's University Belfast, www.interractlab.co.uk

MEMBERSHIP OF SCIENTIFIC SOCIETIES

Since October 2020: **Treasurer** of the European Association for Personality Psychology and member of the Executive Committee (<https://eapp.org/organization/executive-committee/>).

Other:

- Associazione Italiana di Psicologia - sezione di Psicologia Sperimentale, <http://www.aipass.org/psicologia-sperimentale>
- Psychometric Society, <https://www.psychometricsociety.org/>
- Member of the Complex Systems Society (<https://cssociety.org>)

OTHER RESEARCH EXPERIENCE

July 2022	Member of the organizing committee of the Smart Psychology Summer School, Como Lake, Villa del Grumello, July 4-8, 2022, together with Emanuele Preti, Marco Perugini, and Juliette Richetin.
Dec 2013	Participated to the Two-day scientific event for the 25th anniversary of the Leuven Statistics Research Centre (Lstat), University KU Leuven, Leuven, Belgium, Dicembre 13-14 2013.
Dec 2013	Participated to the 23° Interuniversity graduate school Of Psychometrics and Sociometrics (IOPS) winter conference. University KU Leuven, Leuven, Belgium, Dec 12-13 2013.

PUBLICATIONS

(* Corresponding author, main author or declaration of equal contribution, last author)

PAPERS

- 57 Borsboom, D., Deserno, M. K., Rhemtulla, M., Epskamp, S., Fried, E. I., McNally, R. J., Robinaugh, D. J., Perugini, M., Dalege, J., **Costantini, G.**, Isvoranu, A.-M., Wysocki, A. C., van Borkulo, C. D., van Bork, R., & Waldorp, L. J. (in press). Reply to "Critiques of network analysis of multivariate data in psychological science" by Neal et al. (2022). *Nature Reviews Methods Primers*.
- 56 Tanjitpiyanond, P, Jetten, J., ..., Costantini, G., ..., Wai-Lan Yeung, V. (in press), A 32-society investigation of how perceived economic inequality shapes social class stereotyping. *European Journal of Social Psychology*.
- 55 Kirkland, K., Crimston, C. R., Jetten, J., Rudnev, M., Acevedo-Triana, C., Amiot, C. E., Ausmees, L., Baguma, P., Barry, O., Becker, M., Bilewicz, M., Boonyasiriwat, W., Castelain, T., **Costantini, G.**, Dimdins, G., Espinosa, A., Finchilescu, G., Fischer, R., Friese, M., ... Bastian, B. (2022). Moral Expansiveness Around the World: The Role of Societal Factors Across 36 Countries. *Social Psychological and Personality Science*, 194855062211017. <https://doi.org/10.1177/19485506221101767>
- 54 Di Pierro, R., **Costantini, G.**, Fanti, E., Di Sarno, M., Preti, E., Madeddu, F., Clarkin, J. F., Caligor, E., & De Panfilis, C. (2022). Measurement Invariance of the Pathological Narcissism Inventory and Multimethod Examination of Narcissistic Presentations in Community and Clinical Samples. *Assessment*. <https://doi.org/10.1177/10731911221101367>
- 53 Likhanov, M., Maslennikova, E., **Costantini, G.**, Budakova, A., Esipenko, E., Ismatullina, V., & Kovas, Y. (2022). This is the way: Network perspective on targets for spatial ability development programmes. *British Journal of Educational Psychology*. <https://doi.org/10.1111/bjep.12524>
- 52 Lega, C., Cattaneo, L., **Costantini, G.*** (2022). How to test the association between baseline performance level and the modulatory effects of non-invasive brain stimulation techniques, *Frontiers in Human Neuroscience*. <https://doi.org/10.3389/fnhum.2022.920558>
- 51 **Costantini, G.***, Di Sarno, M., Preti, E., Richetin, J., & Perugini, M. (2022). Personality in a naturally occurring strong situation: Unique effects of HEXACO traits on COVID-19 mitigation. *Acta Psychologica*, 224, 103529. <https://doi.org/10.1016/j.actpsy.2022.103529>
- 50 Di Sarno, M., **Costantini, G.***, Richetin, J, Preti, E., Perugini, M. (2022). Why are you (un)conscious? The dynamic interplay of goals, states, and traits in everyday life. *Journal of Personality*. <https://doi.org/10.1111/jopy.12701>

- 49 Gritti, E., Bornstein, R. F., **Costantini, G.**, Harris, E.T., Barbot, B. (2022) Italian Version of the Relationship Profile Test (RPT-I): Temporal Stability, Construct Validity, and Cross-Cultural Comparison. *Journal of Personality Assessment*.
<https://doi.org/10.1080/00223891.2021.1947309>
- 48 Dejonckheere, E., Rhee, J., Baguma, P.K., Barry, O., Becker, M., Bilewicz, M., Castelain, T., **Costantini, G.**, ..., Bastian, B. (2022). Perceiving societal pressure to be happy is linked to poor well-being, especially in happy nations. *Scientific Reports*, 12(1), 1514.
<https://doi.org/10.1038/s41598-021-04262-z>
- 47 Borsboom, D., Deserno, M. K., Rhemtulla, M., Epskamp, S., Fried, E. I., McNally, R. J., Robinaugh, D. J., Perugini, M., Dalege, J., **Costantini, G.**, Isvoranu, A.-M., Wysocki, A. C., van Borkulo, C. D., van Bork, R., & Waldorp, L. J. (2021). Network analysis of multivariate data in psychological science. *Nature Reviews Methods Primers*, 1(1), 58.
<https://doi.org/10.1038/s43586-021-00055-w>
- 46 Spinato, G., Fabbris, C., Conte, F., Menegaldo, A., Franz, L., Gaudio, P., Cinetto, F., Agostini, C., **Costantini, G.**, & Boscolo-Rizzo, P. (2021). COVID-Q: Validation of the first COVID-19 questionnaire based on patient-rated symptom gravity. *International Journal of Clinical Practice*, 75(12). <https://doi.org/10.1111/ijcp.14829>
- 45 Spinato, G., Fabbris, C., **Costantini, G.**, Conte, F., Scotton, P.-G., Cinetto, F., De Sisti, R., Matarazzo, A., Citterio, M., Contro, G., De Filippis, C., Agostini, C., Emanuelli, E., Boscolo-Rizzo, P., Frezza, D. (2021), The effect of isotonic saline nasal lavages in improving symptoms in SARS-CoV-2 infection: a case-control study. *Frontiers in Neurology*.
<https://doi.org/10.3389/fneur.2021.794471>
- 44 **Costantini, G.***, Di Sarno, M., Preti, E., Richetin, J., Perugini, M. (2021). Would You rather Be Safe or Free? Motivational and Behavioral Aspects in COVID-19 Mitigation. *Frontiers in Psychology*. <https://doi.org/10.3389/fpsyg.2021.635406>
- 43 Baranski, E., Gardiner, G., Lee, D., Members of the International Situations Project, Funder, D. (2021). Who in the world is trying to change their personality traits? Volitional personality change among college students in 56 countries. *Journal of Personality and Social Psychology*. <https://doi.org/10.1037/pspp0000389>
- 42 Spinato, G., Costantini, G., Fabbris, C., Manegaldo, A., Mularoni, F., Gaudio, P., Mantovani, M., Borsetto, D., Vikendren, A., Da Mosto, M.C., Boscolo-Rizzo, P. (2021). The importance of early detection of ENT symptoms in mild-to-moderate COVID-19, *Acta Otorhinolaryngologica Italica*. <https://doi.org/10.14639/0392-100X-N1038>
- 41 Sprugnoli, G., Rossi, S., Liew, S. L., Bricolo, E., **Costantini, G.**, Salvi, C., Golby, A. J., Musaeus, C. S., Pascual-Leone, A., Rossi, A., Santarnecchi, E. (2021). Enhancement of semantic integration reasoning by tRNS. *Cognitive, Affective, and Behavioral Neuroscience*.
<https://doi.org/10.3758/s13415-021-00885-x>
- 40 Veronelli, L., Daini, R., **Costantini, G.**, Biscaro, V., Corbo, M., Arduino, L.S. (2021). Consecutive and temporally distant perseverations after right brain damage: A prospective study. *Neuropsychology*, 35(3), 310-322. <https://doi.org/10.1037/neu0000730>

- 39 Baranski, E., Sweeny, K., Gardiner, G., **Members of the International Situations Project**, Funder, D.C. (2021). International Optimism: Correlates and Consequences of Dispositional Optimism across 61 Countries. *Journal of Personality*. <https://doi.org/10.1111/jopy.12582>
- 38 Condon, D., Wood, D., Mottus, R., Booth, T., **Costantini, G.**, Grieff, S., Johnson, W., Lukaszewski, A., Murray, A., Revelle, W., Wright, A.G.C., Ziegler, M., Zimmermann, J. (2020), Bottom Up Construction of a Personality Taxonomy. *European Journal of Psychological Assessment* 36(6), 923-934. <https://doi.org/10.1027/1015-5759/a000626>
- 37 Gardiner, G., Lee, D., Baranski, E., **Members of the International Situations Project**, Funder, D. (2020). Happiness around the World: A Combined Etic-Emic Approach across 63 Countries. *PLoS one*. <https://doi.org/10.1371/journal.pone.0242718>
- 36 Möttus, R., Wood, D., Condon, D. M., Back, M., Baumert, A., **Costantini, G.**, Epskamp, S., Grieff, S., Johnson, W., Lukaszewski, A., Murray, A., Revelle, W., Wright, A.G.C., Yarkoni, T., Ziegler, M., Zimmermann, J. (2020), Descriptive, predictive and explanatory personality research: Different goals, different approaches, but a shared need to move beyond the Big Few traits. *European Journal of Personality* 34(6), 1175-1201. <https://doi.org/10.1002/per.2311>
- 35 Buelens, T., **Costantini, G.**, Luyckx, K., Claes, L. (2020), Comorbidity between non-suicidal self-injury disorder and borderline personality disorder in adolescents: A graphical network approach. *Frontiers Psychiatry*, 580922. <https://doi.org/10.3389/fpsy.2020.580922>
- 34 **Costantini, G.*** (2020), The HEXACO as a coordinate system for personality processes. *European Journal of Personality*, 34: 516-517. <https://doi.org/10.1002/per.2284>
- 33 Conte, F., **Costantini, G.**, Rinaldi, L., Gerosa, T., Girelli, L. (2020), Intellect is not that expensive: differential association of cultural and socioeconomic factors with crystallized intelligence in a sample of Italian adolescents. *Intelligence*. <https://doi.org/10.1016/j.intell.2020.101466>
- 32 Lee, D. I., Gardiner, G., Baranski, E., **Members of the International Situations Project**, Funder, D. C. (2020). Situational experience around the world: A replication and extension in 62 countries. *Journal of Personality*. <https://doi.org/10.1111/jopy.12558>
- 31 Papageorgiou, K., Likhanov, M., **Costantini, G.**, Tsigeman, E., Zaleshin, M., Budakova, A., Jovas, Y. (2020), Personality, Behavioral Strengths and Difficulties and Performance of Adolescents with High Achievements in Science, Literature, Art and Sports. *Personality and Individual Differences*. <https://doi.org/10.1016/j.paid.2020.109917>
- 30 **Costantini, G.***, Sarauili, D., Perugini, M. (2020), Uncovering the Motivational Core of Traits: The Case of Conscientiousness. *European Journal of Personality*. <https://doi.org/10.1002/per.2237>

- 29 Santarnecchi, E., Sprugnoli, G., Bricolo, E., **Costantini, G.**, Liew, S.-L., Musaeus, M. D., Salvi, C, Pascual-Leone, A., Rossi, A., Rossi, S. (2019) Gamma tACS over the temporal lobe increases the occurrence of Eureka! Moments. *Scientific Reports* 9, 5778. <https://doi.org/10.1038/s41598-019-42192-z>
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BOOK CHAPTERS

***Costantini, G.**, Richetin, J., Preti, E., Casini, E., & Perugini, M. (2021). Personality traits in social interactions: A tutorial on network analysis of personality dynamics. In J. F. Rauthmann (Ed.), *The Handbook of Personality Dynamics and Processes*. Elsevier.

Perugini, M., Richetin, J., & **Costantini, G.** (2020), Personality and the unconscious, in P. J. Corr, G. Matthews (Eds.) *Handbook of Personality Psychology* (2nd Edition). Cambridge, UK: Cambridge University Press. <https://doi.org/10.1017/9781108264822.008>

***Costantini, G.** & Perugini, M. (2020). Network analysis for psychological situations. In D. Funder, J. F. Rauthmann, R. Sherman (Eds.), *The Oxford Handbook of Psychological Situations*. New York: Oxford University Press. <http://dx.doi.org/10.1093/oxfordhb/9780190263348.013.16>
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Gardiner, G., Sauerberger, K., **Members of the International Situations Project**, & Funder, D.C. (2019). Towards meaningful comparisons of personality in large-scale cross-cultural studies. In A. Realo (Ed.), *In praise of an inquisitive mind: A Festschrift in honor of Jüri Allik on the occasion of his 70th birthday*. Tartu: University of Estonia Press.

***Costantini, G.**, & Perugini, M. (2016). Network analysis: A new way to think about personality. In U. Kumar (Ed.) *The Wiley Handbook of Personality Assessment* (pp. 74-89). Wiley-Blackwell. ISBN: 978-1-119-17344-1

Perugini M., **Costantini G.**, Richetin J. & Zogmaister C. (2017). Implicit Association Tests, then and now. F. van de Vijver, T. Ortner (Eds.), *Behavior Based Assessment: Going beyond Self Report in the Personality, Affective, Motivation, and Social Domains* (pp. 15-28). Hogrefe. <http://doi.org/10.1027/00437-000>
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ENCYCLOPEDIA ENTRIES

Perugini, M., Richetin, J., **Costantini, G.** (2017). Implicit Measures of Personality. V. Ziegler-Hill, & T. K. Shackelford (Eds.), *Encyclopedia of Personality and Individual Differences*, pp. 1-4. Springer International Publishing. https://doi.org/10.1007/978-3-319-28099-8_817-1
ISBN: 978-3-319-28099-8 (web), 978-3-319-28099-8 (print)

***Costantini, G.**, Perugini, M. (2017). Network Analysis. In V. Ziegler-Hill, & T. K. Shackelford (Eds.), *Encyclopedia of Personality and Individual Differences*, pp. 1-4. Springer International Publishing. http://dx.doi.org/10.1007/978-3-319-28099-8_1332-1
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NATIONAL PUBLICATIONS

Costantini, G., Perugini, M. (2021), La personalità. In Cherubini, P., Bricolo, E., Reverberi, C. (Eds.). *Psicologia Generale*. Milano: Raffaello Cortina Editore.

Nujten, M. B., Deserno, M. K., Cramer, A. O. J., ***Costantini, G.**, Borsboom, D. (2016). Disturbi mentali come complex network: Un'introduzione e una panoramica all'approccio network in psicopatologia. *Cognitivismo Clinico*, 13(2), 135-149. Retrieved from: <https://www.apc.it/wp-content/uploads/2013/03/03-NUJITENETAL-2-2016.pdf>
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PHD THESIS

***Costantini, G.** (2015). Network analysis: a new perspective on personality psychology. Tesi di Dottorato. University of Milan-Bicocca.

CONFERENCE PRESENTATIONS

ORGANIZED SYMPOSIA

“Replicability and Reproducibility in Psychology: Issues and Best Practices” – Proposed by: Esther Maassen, Anton Olsson-Collentine, Andrea Stoevenbelt, Olmo van den Akker, **Giulio Costantini**, at XXVII National Congress of the Italian Association of Psychology (AIP) - Experimental, Lecce, September 8-10, 2021.
In which I presented a talk entitled: “Goals of HEXACO traits: A systematic procedure for developing a taxonomy and an assessment”, and authored by Costantini, G., Gnisci, A., Sergi, I., Mottola, F., Perugini, M.

TALKS

Galkina, A., Amenta, S., Zarbo, C., Perugini, M., **Costantini, G.*** (2022), Exploring the motivational core of honesty as a personality trait. 30^o Congresso dell' Associazione Italiana di Psicologia, Padova, September 27-30, 2022.

***Costantini, G.**, Gnisci, A., Sergi, I., Mottola, F., Perugini, M. (2022), Goals of HEXACO personality traits. Paper presented at the 20th European Conference on Personality, July 12th-15th, 2022, Universidad Europea, Madrid

***Costantini, G.**, Di Sarno, M., Preti, E., Richetin, J., Perugini, M. (2021), Personality in a naturally occurring strong situation: Unique effects of HEXACO traits on COVID-19 mitigation. Paper presented at the Neur-Covid-19 session of the Annual Meeting of the Milan Center for Neuroscience (Neuromi2021), Online, 09/10/2021.

***Costantini, G.**, Alì, P.A., Di Pierro, R., Richetin, J., Preti, E., Epskamp, S. (2020). *Multilevel network analysis in psicopatologia: uno studio delle dinamiche del Borderline Personality Disorder*. AIP Sezione Sperimentale, Virtual Edition, 2020, September 2-4. Symposium “Nuove prospettive di ricerca all'interno della psicometria: il ruolo del Data Mining per l'analisi di dati complessi e strutturati”, organizer: Antonio Calcagni.

***Costantini, G.**, Alì, P.A., Di Pierro, R., Richetin, J., Preti, E., Epskamp, S. (2019). *The dynamics of Borderline Personality Disorder*. Conference of Complex Systems 2019, September 30- October 4, Nanyang Technological University, Singapore. Satellite symposium of the Psychosystems Group: Complexities of Adverse Behaviors & Mental Health (<http://complexsystems.nl/ccs2019/>).

***Costantini, G.** (2019), Towards disentangling correspondence and emergence. International Convention of Psychological Science (ICPS) 2019, Symposium *Interdisciplinary Psychological Networks: Forming and Evaluating Network Theory Across Fields*, Chair: Sacha Epskamp. Paris, France, 7-9 March 2019.

***Costantini, G.**, (2018). Psychological dynamics in different classes of individuals. Conference of Complex Systems 2018, September 23-28, Thessaloniki, Greece. Satellite symposium of the Psychosystems Group: Understanding psychological phenomena as complex systems (<http://psychosystems.org/psychosystems-CCS2018-satellite>).

***Costantini G.**, Epskamp, S. (2017), The Fused Graphical Lasso for computing psychological networks. Presented at the International Meeting of the Psychometric Society (IMPS) 2017, Zurich, Switzerland, July 17-21 2017.

***Costantini G.** (2017), Personality traits as networks. Short talk presented at the school “Complex Networks: theory, methods and applications III” Lake Como School, Como, 15-19 Maggio 2017.

***Costantini G.**, Perugini M. (2016). *Il network della coscienziosità*. XXII congresso Dell'Associazione Italiana di Psicologia (AIP) – sezione di Psicologia Sperimentale, Università LUMSA, Roma, 20-22 Settembre 2016.

***Costantini G.**, Perugini M. (2016). *The network of conscientiousness*. Paper presented at the 18th European Conference on Personality, July 19th-23th, West University of Timisoara, Romania.

Sprugnoli, G., Rossi, S., Bricolo, E, **Constantini, G.**, Salvi, C., Musaeus, C., Liew, S., Rossi, A., Santarnecchi, E. (2015). *Neuromodulation of inight processes by means of non-invasive brain stimulations: A tACS and tRNS study*. Talk presented at “XXIII Congresso Nazionale della Società Italiana di Psicofisiologia” (XXIII National Congress of the Italian Psychophysiology society), Lucca, Italy, November 19th-21st 2015.

***Costantini, G.**, & Perugini, M. (2014), Novel developments in network analysis for personality research. Paper presented at the 17th European Conference on Personality, July 15th-19th, University of Lausanne, Switzerland.

Perugini M., Richetin J., Zogmaister C. & **Costantini G.** (2010). *Development of an IAT-self Conscientiousness: Preliminary results*, presentation held at the 15th European Conference on Personality, July 20th-24th, Brno, Czech Republic.

INVITED TALKS AND SEMINARS

Costantini, G., *Honest for the good reason, The impact of goals and motives on honesty*. Invited talk at the 2022 Summer Honesty Project Conference, August 12-13, 2022, Winston-Salem, NC, USA.

Costantini, G., Zambelli, M., *Network analysis*. As part of the international workshops: New perspectives in psychological methods. May 6th, 2022. Scientific director: Margherita Lanz, Università Cattolica del Sacro Cuore.

Costantini, G., Romano, D., *Un'introduzione alla network analysis applicata alla psicologia della personalità* (an introduction to network analysis applied to personality psychology). As part of the FORME workshop program. May 8th, 2020. Scientific director: Margherita Lanz, Università Cattolica del Sacro Cuore.

Costantini, G. & Perugini, M., Crash course on Power Analysis. PhD seminar, Department of Psychology and Cognitive Science, University of Trento. Scientific coordinator: Maria Paola Paladino. January 25th, 2019. Duration: 3 hours (Perugini) + 2 hours (Costantini)

Costantini, G. (2019), “A Tutorial on Network Analysis with Psychological Data” and “Network analysis in personality psychology”. Invited Seminars at the Psychology Department of the University of Cyprus. Chair: prof. Michalis Michaelides. 14/02/2019.

***Costantini, G.**, Benini, E. (2018), *The Network of Personality*. InteRRaCt Lab - Queen University of Belfast, October 4-5 2018, Belfast, UK. Organizer: Kostas Papageorgiou.

Costantini, G., Pancani, L., Perugini, M. (2018), *Towards disentangling correspondence and emergence: The case of conscientiousness*. Invited presentation to the Expert Meeting "Conceptualizing and assessing personality: New approaches to fundamental questions" organized by the European Association of Personality Psychology (EAPP) and the European Association of Psychological Assessment (EAPA), organizers: René Möttus, David Condon, Dustin Wood. September 6th-8th, University of Edinburgh, UK.

Perugini, M., **Costantini, G.** (2015), *The rocky road from traits to mechanisms (and vice versa)*. Presentation held at the EAPP Expert Meeting on "Integrating Personality Structure and Personality Processes", Annweiler am Trifels, Germany, July 26th-29th 2015

***Costantini G.**, & Perugini M. (2013) Generalization of clustering coefficient to signed correlation networks. PML Talk, University of Amsterdam, December 2nd 2013

POSTERS

Zambelli, M., Tagliabue, S., **Costantini, G.** Applications of the network psychometric framework to measurement burst designs. IMPS Annual Meeting, July 11-15th 2022, Bologna, Italy.

Sprugnoli, G., Liew, S. L., Bricolo, E., **Costantini, G.**, Salvi, C., Museaus, C.S., Rossi, S., Rossi, A.G., Pascual-Leone, A., Santarnecchi, E. (2017). Going beyond the Eureka moment: enhancement of insightful solutions by means of tACS and tRNS. Poster presented at the 2nd International Brain Stimulation Conference, March 5th-8th 2017, Barcelona, Spain.

Published abstract: Sprugnoli, G., Liew, S. L., Bricolo, E., **Costantini, G.**, Salvi, C., Museaus, C.S., Rossi, S., Rossi, A.G., Pascual-Leone, A., Santarnecchi, E. (2017), Going beyond the Eureka moment: enhancement of insightful solutions by means of tACS and tRNS. *Brain Stimulation*, 10(2):402. <http://dx.doi.org/10.1016/j.brs.2017.01.193>

***Costantini, G.**, Richetin, J., Preti, E., De Panfilis, C., Perugini, M. (2016). The Fused Graphical Lasso for computing psychological networks. Poster presented at the 5th international workshop of complex networks and their applications. November 30th-December 2nd 2016, Milan (MI), Italy.

Richetin J., Preti E., **Costantini G.** (2016). *An alternative look at Borderline Personality Disorder through Network Analysis*. Poster presented at the 18th European Conference on Personality, July 19th-23th, West University of Timisoara, Romania.

Preti E., Richetin J., **Costantini G.** (2016). *Implicit and explicit anger and Borderline Personality Disorder traits*. Poster presented at the 18th European Conference on Personality, July 19th-23th, West University of Timisoara, Romania.

***Costantini, G.**, Richetin, J., Preti, E., Suttora, C. (2015). *An alternative look at borderline personality disorder through network analysis*. Talk presented at the Symposium “Advances in understanding social cognition and social behavior in borderline personality”, 14th Congress of the International Society for the Study of Personality Disorders (ISSPD XIV), October 13th – 16th 2015, Montreal, Canada. Presenter: Juliette Richetin.

***Costantini G.**, & Perugini M., (2012, July). *Network analysis and the structure of personality: A map of Conscientiousness*. Poster presented at the 16th European Conference on Personality, July 10th – 14th, University of Trieste (TS), Italy.

Richetin J., **Costantini G.**, Perugini M., & Schönbrodt F., (2012). *Is a More Robust IAT Score Possible?* Poster presented at the 16th European Conference on Personality, July 10th-14th, Trieste, Italy.

D’Addario M., Bonomi M., **Costantini G.** & Steca P. (2010). *Emotions and mind reading in the Ultimatum Game Paradigm*. Poster presented at the Annual Meeting of Society for Judgment and Decision Making, November 19th-22nd, St. Louis, MO, U.S.A.

D’Addario M., Bonomi M., **Costantini G.** & Steca P. (2010). *Emozioni e lettura delle intenzioni altrui nel paradigma dell’Ultimatum Game*. Poster presented at the XVI national congress of the Italian Psychology Association (AIP), September 2nd -4th, Bologna (BO), Italy.

DEPARTMENTAL EVENTS

***Costantini, G.**, Perugini, M. (2017). New developments in network analysis for personality research. Research Day of the Department of Psychology, University of Milano-Bicocca, September 18th 2017.

***Costantini, G.**, Perugini, M. (2016). *The Network of Conscientiousness*. Poster presented at the “Poster Half Day”, University of Milano-Bicocca, September 29th 2016.

***Costantini, G.**, Richetin, J., Perugini, M. (2015). *Combining network analysis, indirect measurement, and a facets approach to elucidate mechanisms of conscientiousness*. Poster presented at the “Poster Half Day”, University of Milano-Bicocca, October 1st 2015.

***Costantini G.**, & Perugini M. (2014). *Novel Developments in Network Analysis for Personality Research*, poster presented at the “Poster Half Day”, University of Milano-Bicocca, September 25th 2014.

R PACKAGES

- EstimateGroupNetwork* ***Costantini, G.**, Epskamp, S., *EstimateGroupNetwork: Perform the Joint Graphical Lasso and Selects Tuning Parameters*. <https://cran.r-project.org/web/packages/EstimateGroupNetwork>
 This package allows estimating Gaussian Graphical Models on independent groups or classes of observations (e.g., patients and controls) using the Joint Graphical Lasso method (Danaher, 2012). Several options for the automatic selection of tuning parameters are implemented, including k-fold cross-validation and selection according to information criteria.
- IATscores* ***Costantini, G.** *IATscores: Implicit Association Test scores using robust statistics*. <http://cran.r-project.org/web/packages/IATscores>
 This package allows scoring the Implicit Association Test using several methods, including d-scores (described in Greenwald, Nosek & Banaji, 2003) and methods based on robust statistics (described in Richetin, Costantini, Perugini, & Schönbrodt, 2015).
- safeguardpower* ***Costantini, G.**, Perugini, M., Gallucci, M., *safeguardpower: A package for safeguard power analysis*, available on GitHub. <https://github.com/GiulioCostantini/safeguardpower>
 This package allows performing safeguard power analysis in simple settings (as described in Perugini, Gallucci, & **Costantini**, 2014).
- qgraph* Epskamp, S., **Costantini, G.**, Haslbeck, J., Cramer, A.O.J., Waldorp, L.J., Schmittmann V.D., Borsboom, D. *qgraph: Graph plotting methods, psychometric data visualization and graphical model estimation*. <http://cran.r-project.org/web/packages/qgraph>
 This package includes a variety of functions for computing, analyzing, and visualizing networks. I implemented functions for computing indices of centrality (Freeman, 1979), clustering coefficients for signed and unsigned networks (Costantini & Perugini, 2012), transitivity, average path length, and small-worldness (Humphries & Gurney, 2008), plus miscellaneous functions for visualization.

SERVICE for the Psychology Department of the University of Milan-Bicocca

Since AY 2018-19	<p>Member of the committees for selecting applicants to several BA and MSc courses</p> <ul style="list-style-type: none"> - Department's MSc courses, AY 2020-21 - MSc Social, Economic and Decision Making Psychology (PSED), AY 2019-20, 2020-21 - MSc Applied Experimental Psychological Sciences (AEPS), AY 2019-20, 2020-21, 2021-22 - BA Psychological Sciences and Techniques (STP) –AY 2019-20, 2020-21, 2021-22, Preliminary selection of worthy (“meritevoli”) students. - BA Psycho-social Sciences of Communication (SPC) – AY 2020-21, Preliminary selection of worthy (“meritevoli”) students. - BA Psychological Sciences and Techniques (STP) – AY 2018-19 and AY 2019-20
AY 2019-20 AY 2020-21 AY 2021-22	Didactic lab coordinator for the MSc course in Applied Experimental Psychological Science (AEPS)
AY 2018-19	Quality assurer for the MSc course in Applied Experimental Psychological Science (AEPS)
AY 2021-22	Member of the committee selecting post-doc applicants for the Psychology Department.
AY 2018-19	Member of the committee selecting PhD applicants for the PhD program in Psychology, Linguistic and Cognitive Neuroscience – Curriculum Mind, Brain, and Behavior – XXXV Cycle.
Since 2018	Member of the PhD program committee in Psychology, Linguistics and Cognitive Neuroscience (https://www.unimib.it/node/12489)
AY 2019-20 AY 2020-21 AY 2021-22 AY 2022-23	Member of the committee for selecting teaching assistants through public calls, for the Psychology department's MSc degrees.