

## Part I - Summary

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I am a professor, consultant, and researcher working at the intersection of behavioral data science, business analytics, and complex systems. My goal is to apply concepts and methods from complex systems sciences to model, understand, and predict human behavior differently. I use this knowledge as an academic researcher, applied practitioner, and professional consultant. I am available to relocate.

## Part II - Education

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Universidad Simón Bolívar, Doctor of Science	Venezuela (01/2011 – 06/2015)
Universidad Católica Andrés Bello, Master in Behavioral Research Methods	Venezuela (10/2004 - 07/2008)
Universidad Católica Andrés Bello, Bachelor in Psychology	Venezuela (10/1994 - 07/2001)

## Part III - Professional Experience (last four)

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CEO - Founder, Critical Centrality Institute	Mexico (03/2023 - Present)
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- Conducting applied research on social network analysis and large language models with Python and R
- Preparing, writing and submission of applied research proposals to international research funding agencies
- Delivering talks to Latin American universities

External Data Science Consultant, Ingenio Pantaleon	Guatemala (03/2021 - 01/2022)
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- Design and planning of a course in basic data science with R
- Delivering online synchronous lectures for the personnel of Ingenio Pantaleon
- Understand and applied solutions to problems of extraction, transformation, and loading data

Urban Mobility Consultant, Ernst & Young, SAS	Colombia (02/2018 - 09/2018)
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- Conducting applied research on sustainable urban mobility behavior
- Summarizing and writing best practices and empirical indicators of sustainable urban mobility
- Writing proposals to incentivize the use of public transportation in the city of Bogotá

New Projects Manager, Vetamericana	Venezuela (10/2007 - 07/2012)
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- Evaluate technical offers from new contractors
- Supervise service providers quality
- Evaluating project delays and take corrective actions
- Documenting veterinary-related business processes for franchising accreditation

## Part IV: Teaching Appointments

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Universidad del Rosario: Adjunct Professor	Colombia (08/2023 - Present)
Universidad de La Sabana: Adjunct Professor	Colombia (04/2024 - Present)
Engineering School Julio Garavito: Adjunct Professor	Colombia (07/2023 - Present)
Universidad de Monterrey: Adjunct Professor	Mexico (08/2023 - 12/2024)
CESA Business School: Full-time Research Professor	Colombia (08/2021 - 12/2022)
Fundación Univesitaria Konrad Lorenz: Associate Professor	Colombia (08/2015 - 06/2021)
Universidad Simón Bolívar: Assistant Professor	Venezuela (09/2014 - 08/2015)
Universidad Nacional Experimental Politécnica: Adjunct Professor	Venezuela (10/2009 - 05/2014)
Universidad Católica Andrés Bello: Adjunct Professor	Venezuela (10/2007 - 05/2014)

## Part V: Visiting Appointments

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Tecnológico de Monterrey: International Guest Professor	Mexico (01/2022 - 06/2022)
Prague University of Economics and Business: Visiting Independent Researcher	Czech Republic (11/2019 - 12/2020)
Universidad de Granada: Visiting researcher	Spain (11/2018)

Part VI: Taught Courses (last five years)

I/II first and second semester. PhD: Doctoral program, MS: Master’s program. UP: Undergraduate program

Year	Institution	Course	Hours/semester
2024-II	Universidad del Rosario	Data Analytics for Project Management	36 (MS)
2024-II	Universidad de La Sabana	Systematic Reviews and Meta-Analysis	36 (PhD)
2024-I	Universidad del Rosario	Data Analytics for Project Management	36 (MS)
2024-I	Universidad de La Sabana	Systematic Reviews and Meta-Analysis	36 (PhD)
2023-II	Universidad del Rosario	Data Analytics for Project Management	36 (MS)
2023-II	Universidad de Monterrey	Research Designs in Psychology	48 (UP)
2023-II	Universidad de Monterrey	Data Mining	48 (MS)
2022-II	Colegio de Estudios Superiores de Administración	Business Analytics	48 (UP)
2022-I	Colegio de Estudios Superiores de Administración	Business Analytics	48 (UP)
2022-I	Colegio de Estudios Superiores de Administración	Research Seminar	48 (PhD)
2021-II	Colegio de Estudios Superiores de Administración	Business Analytics	48 (UP)
2021-I	Fundación Universitaria Konrad Lorenz	Quantitative techniques II	48 (PhD)
2020-II	Fundación Universitaria Konrad Lorenz	Emphasis in Consumer Psychology	48 (PhD)
2020-I	Fundación Universitaria Konrad Lorenz	Emphasis in Consumer Psychology	48 (PhD)

Part VII: Research Grants

<b>Project:</b> Understanding Customers’ Word-of-Mouth in Fast-Food Delivery Platforms.	(Czech Republic, 2020)
<b>Funding agency:</b> Czech Science Foundation (GAČR)	(Project: 21-24350S)
<b>Project:</b> Reproducibility in Applied Complexity to Consumer Psychology Research.	(Colombia, 2020)
<b>Funding agency:</b> Fundación Universitaria Konrad Lorenz	(Project: 2019-008B)
<b>Project:</b> Emergency, Self-Organization, and Complexity in customers eWOM.	(Colombia, 2019)
<b>Funding agency:</b> Fundación Universitaria Konrad Lorenz	(Grant # 9IN11191, ≈25,000 US\$)
<b>Project:</b> The Consistency of Purchase Intention and Sales in E-Commerce.	(Colombia, 2018)
<b>Funding agency:</b> Fundación Universitaria Konrad Lorenz	(Grant # 9INV5181, ≈25,000 US\$)
<b>Project:</b> Consumer Behavior Analysis Using User Generated Content.	(India, 2018)
<b>Funding agency:</b> SERB-VAJRA	(Project: VJR/2018/000107)
<b>Project:</b> Sentiment Analysis in Collaborative Consumption.	(Colombia, 2017)
<b>Funding agency:</b> Fundación Universitaria Konrad Lorenz	(Grant # 9INV5171, ≈25,000 US\$)
<b>Project:</b> Exploring Consumption Patterns and Urban Mobility.	(Colombia, 2016)
<b>Funding agency:</b> Fundación Universitaria Konrad Lorenz	(Grant # 9INV9161, ≈25,000 US\$)
<b>Project:</b> Psycho-Socio-Economics of Leisure Time in a Globalized World.	(Venezuela, 2014)
<b>Funding agency:</b> Universidad Simón Bolívar (DID)	(Grant # S1-IN-CSH-006-15, ≈5,000 US\$)

Part VIII: Supervised theses

13. Olán Moreno M., Orozco Gallaga, E. M., Gutiérrez Cavazos, A. C., Lozano García, J. S. and Castaño Rodríguez, J. (2024). *Diagnóstico De Depresión Usando LLM, SLM, Y Metodologías De NLP, DL y ML: Una Revisión Sistemática Narrativa. Licenciatura en Psicología*. Bachelor in Psychology: Universidad de Monterrey, Monterrey - México.

12. Medina, C. (2024). *Identificación de Patrones de Riesgo de Corrupción en la Contratación Pública de Bogotá*. Master of Data Science: Universidad Escuela Colombiana de Ingeniería Julio Garavito, Bogotá - Colombia

11. Gallego-Acosta, N. (2022). *Analítica de datos y su influencia sobre la gerencia deportiva*. Bachelor in Business Administration: CESA Business School, Bogotá - Colombia.

10. Torres, M. I. and Mindiola, J. D. (2022). *La transformación del comercio digital en términos de inclusión financiera, cobertura nacional y confianza del consumidor en un contexto de pandemia*. Bachelor in Business Administration: CESA Business School, Bogotá - Colombia.

9. Macías-Bohorquez, R. (2020). *¿Vendedores más confiables? El Efecto Inward y Outward en E-Commerce*. Master of Consumer Psychology: Fundación Universitaria Konrad Lorenz, Colombia (Main Supervisor and co-supervised with Prof. Liliana Rodríguez-González). Bogotá - Colombia.

8. Bernal Sarmiento, J. J. (2018). *Intención de compra de suplementos dietarios en mercadolibre colombia : una aproximación por minería web*. Master of Consumer Psychology: Fundación Universitaria Konrad Lorenz, Bogotá - Colombia

7. Medina-Labrador, M. I. (2018). *Efectos de los Sesgos y la Gamificación en la Deserción en el Uso de MOOCs*. Doctor of

Psychology: Fundación Universitaria Konrad Lorenz, Colombia (Main supervisor and co-supervised with Prof. Dr. Gustavo García-Vargas), Bogotá - Colombia.

6. Rauzzino, A. (2017). *Representaciones Sociales de Privacidad en Usuarios de Snapchat*. Master of Consumer Psychology: Fundación Universitaria Konrad Lorenz, Bogotá - Colombia.

5. Yunado, L., Carranza, S. & Rincón, D. (2016). Exploración de los patrones de consumo asociados a la movilidad urbana y la elección del medio de transporte. Bachelor in Psychology: Fundación Universitaria Konrad Lorenz, Bogotá - Colombia.

4. Durán-Sánchez, A. M. (2016). *Estilos lingüísticos y consumo ideológico de los actores políticos colombianos que hablan acerca de la paz en Twitter*. Master of Consumer Psychology: Fundación Universitaria Konrad Lorenz, Bogotá - Colombia.

3. Martínez, E. K. (2016). *Influencia de la Ruta de Persuasión y el país de origen en la actitud y la intención de compra para accesorios PVC en los ferreteros minoristas de Bogotá*. Master of Consumer Psychology: Fundación Universitaria Konrad Lorenz, Bogotá - Colombia.

2 Hernández, Y. M. (2015). *Relación entre el flujo, composición vehicular y capacidad vial del tráfico heterogéneo en Intersecciones Semaforizadas*. Master of Industrial Engineering: Universidad Nacional Experimental Politécnica Antonio José de Sucre, Caracas - Venezuela.

1 Arvelaiz, M. (2011). *Desarrollo e Implementación de un Conjunto de Herramientas Computacionales para el Modelado de Tráfico Heterogéneo en Intersecciones con Semáforos: Caso Venezolano*. Bachelor of Informatics Engineering: Universidad Católica Andrés Bello, Caracas - Venezuela.

## Part IX: Publications (From the Newest to the Oldest)

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37. Elcoro, M., Flores A., Jimenez-Gomez, C., Angelucci, L., Burgos J.E., Contreras, E., **Correa, J.C.**, Csoban, E., Hernández, G., Lacasella, R., Peña Torbay, G., & Yaber, G. (2024). Behavior Analysis in Venezuela: An Unrecognized Legacy. *Behavior Analysis in Practice*. <https://link.springer.com/article/10.1007/s40617-024-00919-z>

36. García-Chitiva, M. P. & **Correa, J. C.** (2024). Soft Skills Centrality in Graduate Studies Offering. *Studies in Higher Education*, 49(6), 956-980. <https://doi.org/10.1080/03075079.2023.2254799>

35. **Correa, J. C.**, Kneib, T. Ospina, R. Tejada, J. & Marmolejo-Ramos, F. (2023). Assessing Potential Heteroscedasticity in Psychological Data: A GAMLSS approach. *The Quantitative Methods for Psychology*, 19(4), 331-344. <https://doi.org/10.20982/tqmp.19.4.p333>

34. Elcoro, M., Diller, J.W., & **Correa, J. C.** (2023). Promoting Reciprocal Relations Across Subfields of Behavior Analysis via Collaborations. *Perspectives on Behavior Science*. <https://link.springer.com/article/10.1007/s40614-023-00386-x>.

33. Khatin-Zadeh, O., Banaruee, H., Reali, F., Tirado, C., Ruiz-Fernández, S., Yamada, Y., Wang, R., Robin, N., Khwaileh, T., Szychowska, M., Vestlund, J., **Correa, J. C.**, Gatambuki, M., Butcher, N., Som, B., Dagaev, N., Volkonskii, I., Plevoets, K., & Marmolejo-Ramos, F. Metaphors of Time across Cultures. *Journal of Cultural Cognitive Science* <https://link.springer.com/article/10.1007/s41809-023-00125-3>.

32. Kargirwar, H., Bhagavatula, P., Konde, S., Chaudhari, P., Dhamde, V., Sakarkar, G., & **Correa, J.C.** (2023). E-commerce Product's Trust Prediction Based on Customer Reviews. In S. Kumar, H. Sharma, K. Balachandran, J. H. Kim, & J. C. Bansal (Eds.), *Third Congress on Intelligent Systems* (pp. 375–383). Singapore: Springer Nature Singapore. [https://link.springer.com/chapter/10.1007/978-981-19-9225-4\\_28](https://link.springer.com/chapter/10.1007/978-981-19-9225-4_28)

31. Zárate-Torres, R. & **Correa, J.C.** (2023). How Good is the Myers-Briggs Type Indicator for Predicting Leadership Related Behaviors? *Frontiers in Psychology*. 14:940961 <https://doi.org/10.3389/fpsyg.2023.940961>

30. Marmolejo-Ramos, F., Ospina, R., García-Ceja, E. & **Correa, J.C.** (2022). Ingredients for Responsible Machine Learning: A Commented Review of The Hitchhiker's Guide to Responsible Machine Learning. *Journal of Statistical Theory and Applications*, (Online First). <https://doi.org/10.1007/s44199-022-00048-y>

29. Marmolejo-Ramos, F., Workman, T., Walker, C., Lenihan, D., Moulds, S., **Correa, J.C.**, Hanea, A., & Sonna, B. (2022). AI-powered narrative building for facilitating public participation and engagement. *Discover Artificial Intelligence*, 2(7) <https://doi.org/10.1007/s44163-022-00023-7>

28. **Correa, J.C.**, van der Woude, D., Dakduk, S., Sandoval, M., López-Llamas, R. (2022). Low-Income Consumers' Disposition to Use Automated Banking Services. *Cogent Business & Management*, 9(1), 2071099 <https://doi.org/10.1080/23311975.2022.2071099>

27. **Correa, J.C.** Laverde-Rojas, H. Tejada, J. & Marmolejo-Ramos, F. (2022). The Sci-Hub effect on papers' citations. *Scientometrics*, 127, 99-126 <https://doi.org/10.1007/s11192-020-03806-w>

26. **Correa, J.C.**, Laverde-Rojas, H., Martínez, C. A. Camargo, O. Rojas-Matute, G. & Sandoval-Escobar, M. (2022). The Consistency of Trust-Sales Relationship in Latin-American E-Commerce. *Journal of Internet Commerce* 21(4), 476-496 <https://doi.org/10.1080/15332861.2021.1975426>

25. Laverde-Rojas, H. & **Correa, J.C.** (2021). Economic Complexity, Economic Growth, and CO<sub>2</sub> Emissions: A Panel Data Analysis. *International Economic Journal* 35(4), 411-433 <https://doi.org/10.1080/10168737.2021.1975303>

24. Casarin, R. **Correa, J.C.** Camargo, J. Dakduk, S. ter Horst, E. & Molina, G. (2021). What makes a tweet be retweeted?

- A Bayesian trigram analysis of tweet propagation during the 2015 Colombian political campaign *Journal of Information Science*, 47(3), 297-305 <https://doi.org/10.1177/0165551519886056>
23. Teichert, T. Rezaei, S. & **Correa, J.C.** (2020). Customers' experiences of fast food delivery services: Uncovering the semantic core benefits, actual and augmented product by text mining. *British Food Journal*, 122(11), 3513-3528. <https://doi.org/10.1108/BFJ-12-2019-0909>
22. Vallejo-Medina, P. **Correa, J.C.** Gómez-Lugo, M. et al. (2020). Text Mining Approach for Adapting a School-based Sexual Health Promotion Program. *Preventive Medicine Reports*, 18, 101090. <https://doi.org/10.1016/j.pmedr.2020.101090>
21. Laverde-Rojas, H. & **Correa, J.C.** (2020). Effects of the Geographical Distance on Economic Well-being: Evidence from Colombia with Emphasis on Displaced Population. *Migration Letters*, 17(2), 7-16. <https://migrationletters.com/index.php/ml/article/view/633/728>
20. **Correa, J.C.** (2020). Metrics of Emergence, Self-Organization, and Complexity for EWOM Research. *Frontiers in Physics*, 8(35) <https://www.frontiersin.org/articles/10.3389/fphy.2020.00035>
19. Jaffe, K. **Correa, J.C.** & Tang-Martínez, Z. (2020). Ethology and Animal Behavior in Latin America. *Animal Behaviour*, 164, 281-291, <https://doi.org/10.1016/j.anbehav.2019.11.007>
18. Laverde-Rojas, H. & **Correa, J.C.** (2019). Can Scientific Productivity Impact the Economic Complexity of Countries? *Scientometrics*, 120(1), 267-282. <https://doi.org/10.1007/s11192-019-03118-8>
17. Laverde-Rojas, H. **Correa, J.C.** Jaffe, K. & Caicedo, M.I. (2019). Are average years of education losing predictive power for economic growth? An alternative measure through Structural Equations Modeling. *PLoS ONE*, 14(3), e0213651. <https://doi.org/10.1371/journal.pone.0213651>
16. Segura, M. A. & **Correa, J.C.** (2019). Data of Collaborative Consumption in Online Food Delivery Services. *Data in Brief*, 25, 104007. <https://doi.org/10.1016/j.dib.2019.104007>
15. **Correa, J.C.** Garzón, W. Brooker, P. Sakarkar, G. Carranza, S. Yunado, L. & Rincón, A. (2019). Evaluation of Collaborative Consumption of Online Food Delivery Services through Web Mining Techniques. *Journal of Retailing and Consumer Services*, 46, 45-50. <https://doi.org/10.1016/j.jretconser.2018.05.002>
14. Serafin-Plasencia, M. García-Vargas, G. García-Chitiva, M. P. Caicedo, M. I. & **Correa, J.C.** (2019). Cyberbehavior: A Bibliometric Analysis. *Annual Review of CyberTherapy and Telemedicine*, 17, 17-24 <http://www.arctt.info/volume-17-summer-2019>
13. **Correa, J.C.** García-Chitiva, M.P. & García-Vargas, G. (2018). A Text Mining Approach to the Text Difficulty of Latin American Peace Agreements, *Revista Latinoamericana de Psicología*, 50(1), 61-70. <http://dx.doi.org/10.14349/rlp.2018.v50.n1.6>
12. Correa-Chica, A. Forero, D. **Correa, J.C.** & García-Vargas, G. (2018). Determinantes del abstencionismo electoral por apatía en ciudadanos bogotanos desde la perspectiva conductual. En Sandoval-Escobar, M. (Ed). *Procesos Psicológicos del Consumidor* (pp. 163 – 190). Bogotá: Konrad Lorenz Editores. <https://editorial.konradlorenz.edu.co/2018/09/procesos-psicol%C3%B3gicos-del-consumidor.html>
11. Delgado, A. Forero, D. & **Correa, J.C.** (2018). Motivaciones hedónicas y utilitarias en la decisión de compra y la evaluación postcompra del salto tándem. En Forero, D. (Ed). *Elección, Razonamiento y Decisión* (pp. 132 – 158). <https://editorial.konradlorenz.edu.co/2018/09/procesos-psicol%C3%B3gicos-del-consumidor.html>
10. Nieto-Ramírez, C. Forero, D. & **Correa, J.C.** (2018). Arrepentimiento del consumidor en compras no habituales con tarjetas. En Sandoval-Escobar, M. (Ed). *Procesos Psicológicos del Consumidor* (pp. 119 – 135). Bogotá: Konrad Lorenz Editores. <https://editorial.konradlorenz.edu.co/2018/09/procesos-psicol%C3%B3gicos-del-consumidor.html>
9. Lis-Gutiérrez, J. P. Henao, C. Zerda, A. Gaitán, M. **Correa, J.C.** & Vilorio, A. (2018). Determinants of the Impact Factor of Publications: A Panel Model for Journals Indexed in Scopus 2017. In Tan, Y., Shi, Y. Tang Q. (Eds). *Data Mining and Big Data DMBD 2018. Lecture Notes in Computer Sciences* (pp. 491-499). vol 10943. New York: Springer Cham. [https://doi.org/10.1007/978-3-319-93803-5\\_46](https://doi.org/10.1007/978-3-319-93803-5_46)
8. Rauzzino, A. & **Correa, J.C.** (2017). Millennials Sex Differences on Snapchat Perceived Privacy. *Suma Psicológica* 24(2), 129 – 134. <https://doi.org/10.1016/j.sumpsi.2017.08.002>
7. **Correa, J.C.** & Camargo, J.E. (2017). Ideological Consumerism in Colombian Elections: Links between Political Ideology, Twitter Activity and Electoral Results. *Cyberpsychology, Behaviour, and Social Networking*, 20(1), 37 – 43. <https://doi.org/10.1089/cyber.2016.0402>
6. **Correa, J.C.** (2017). Exploring the Synergy between Motorists and Motorcyclists in Urban Mobilization. In P. Parrend; P. Bourguine & P. Collet (Eds). *First Complex Systems Digital Campus World E-Conference 2015*. New York: Springer. [https://doi.org/10.1007/978-3-319-45901-1\\_32](https://doi.org/10.1007/978-3-319-45901-1_32)
5. Marmolejo-Ramos, F. **Correa, J.C.** Sakarkar, G. Ngo, G. Ruiz-Fernández, S. Butcher, N. & Yamada, Y. (2017). Placing Joy, Surprise and Sadness in Space: A Cross-Linguistic Study. *Psychological Research* 81(4), 750 – 763. <https://doi.org/10.1007/s00426-016-0787-9>
4. **Correa, J.C.** & Forero, D.E. (2017). The Relevance of Urban Mobility for Consumer Research: An Interdisciplinary



- Perspective. In Becerra, E.P., Chitturi, R., Henriquez Daza, M.C. and Londoño Roldan, J.C. (Eds). *Latin American Advances in Consumer Research*, (pp. 101-104), Vol 4., Duluth, MN: Association for Consumer Research.  
[http://www.acrwebsite.org/volumes/1a/v4\\_pdf/laacr\\_vol4\\_1700055.pdf](http://www.acrwebsite.org/volumes/1a/v4_pdf/laacr_vol4_1700055.pdf)
3. Forero, D.E. Torres, L. Rodríguez, L.S. & **Correa, J.C.** (2017). Mobility Factors for orangeucing Self-Reported Travel Times to Health Services. In Becerra, E.P. Chitturi, R. Henriquez Daza, M.C. and Londoño Roldan, J.C. (Eds). *Latin American Advances in Consumer Research*, (pp. 161-163), Vol 4., Duluth, MN: Association for Consumer Research.  
[http://www.acrwebsite.org/volumes/1a/v4\\_pdf/laacr\\_vol4\\_1700081.pdf](http://www.acrwebsite.org/volumes/1a/v4_pdf/laacr_vol4_1700081.pdf)
2. Ranzolin, A. & **Correa, J.C.** (2016). Desarrollo del Pensamiento Crítico y Educación Mediática en Secundaria. *Anuario ININCO*, 28 (1), 103 – 115. [http://saber.ucv.ve/ojs/index.php/rev\\_ai/article/view/12753](http://saber.ucv.ve/ojs/index.php/rev_ai/article/view/12753)
1. **Correa, J.C.** (2016). The Behavioral Interaction of Road Users in Traffic: An Example of the Potential of Intelligent Agent-Based Simulations in Psychology. *Revista Latinoamericana de Psicología*, 48(3), 201-208.  
<https://doi.org/10.1016/j.rlp.2016.06.002>

## Part X: Preprints and Upcoming Works

- 15 García-Chitiva, M.d.P., Vázquez-Villegas, P., **Correa, J. C.** (In press). Collaborative Skills Developed in Collaborative Online International Learning as a Multivariate Research Subject. Accepted for publication in *International Journal of Engineering Pedagogy*.
14. Dakduk, S., Garcia-Chitiva, M.d.P. & **Correa, J. C.**. What can we learn from marketing skills as a bipartite network from accredited programs?. <https://arxiv.org/abs/2411.00644>
13. Garcia-Chitiva, M.d.P., Vázquez-Villegas, P. & **Correa, J. C.**. Collaborative Skills Developed in Collaborative Online International Learning as a Multivariate Research Subject. Accepted in *International Journal of Engineering Pedagogy*
12. Garcia-Chitiva, M.d.P., Sakarkar, G., Gupta, S., Dubey, A., Bhavsarb, S., Varade, P., Mokashi A., Kale, A., Rivera-Eraso, A., Correa, J.C. (2024). Bipartite Network Connectivity can lead to Novel Teaching and Learning Implications. Submitted to *Applied Network Science*
11. Brandejs, M., **Correa, J. C.** & Karlíček, M. (2024). Applicability of the Net Promoter Score in the Energy Sector. *24th International Joint Conference Central and Eastern Europe in the Changing Business Environment*  
<http://dx.doi.org/10.18267/pr.2024.vol.2512.1>
10. Jaffe, K., Martinez, E., Soarez, A. C., Contreras, J. G., **Correa, J. C.**, & Canova, A. (2021). Relation between Constitutions, Socioeconomics and The Rule of Law: a quantitative thermodynamic approach.  
[https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=3898521](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3898521)
9. García-Chitiva, M. P. & **Correa, J.C.** Soft Skills Centrality in Graduate Studies Offering.  
<https://arxiv.org/abs/2303.15220>
8. **Book Translation.** Biecek, P. Kozak, A. & Zawada, A. (2022). *La Guía del Viajero al Aprendizaje Automático Responsable*. (Translated into Spanish by **Correa, J.C.** and revised by Yanina Bellini Saibene). Scientific Foundation Smarter: Poland. [https://betaandbit.github.io/RML\\_ES/](https://betaandbit.github.io/RML_ES/)
7. **Correa, J. C.**, Arango, K. Díaz, H. Zárate, L. Kure, K. Huertas, C. & Gomez, N. Management in Business Analytics: An Ego-Centric Network Approach. <https://doi.org/10.21203/rs.3.rs-1527000/v1>
6. **Correa, J. C.**, van der Woude, D., Dakduk, S., Sandoval, M., López-Llamas, R. Low-Income Consumers' Disposition to Use Automated Banking Services. Accepted in *Cogent Business & Management*.[https://advance.sagepub.com/articles/preprint/Preprint\\_pdf/16835335](https://advance.sagepub.com/articles/preprint/Preprint_pdf/16835335)
5. **Correa, J. C.** Natural Language Use as Bipartite Networks in Psychology. <https://doi.org/10.31234/osf.io/cerkg>
4. **Correa, J. C.** Laverde-Rojas, H. Tejada, J. Marmolejo-Ramos, F. & Bahník, Š. The Sci-hub Effect: Sci-hub downloads lead to more citations. <https://arxiv.org/abs/2006.14979>
3. Laverde-Rojas, H., **Correa, J. C.**, & Jaffe, K. (2018). A New Index of Human Capital to predict Economic Growth.  
<https://arxiv.org/abs/1807.07051>
2. **Correa, J. C.**, Caicedo, M. I., Bazzan, A. L. C. & Jaffe, K. (2016). Simulating the Interaction of Road Users: A Glance to Complexity of Venezuelan Traffic.<https://arxiv.org/abs/1605.06462>
1. **Correa, J. C.** & Jaffe, K. (2015). Corruption and Wealth: Unveiling a National Prosperity Syndrome in Europe.<https://arxiv.org/abs/1604.00283>

## Part XI: Refereeing Activity

Journal of the Association for Information Science and Technology (ISSN: 23301635, 23301643) Transportation Research Part F: Traffic Psychology and Behaviour (ISSN: 13698478) Journal of International Food & Agribusiness Marketing (ISSN: 08974438, 15286983) Journal of Theoretical and Applied Electronic Commerce Research (ISSN: 07181876) Cyberpsychology, Behavior, and Social Networking (ISSN: 21522715, 21522723) Environment, Development and Sustainability (ISSN: 1387585X, 15732975) Journal of Elections, Public Opinion and Parties (ISSN: 17457289) International Journal of Hospitality Management

(ISSN: 02784319) Journal of Retailing and Consumer Services (ISSN: 09696989) Journal of Political Marketing (ISSN: 15377857, 15377865) Avances en Psicología Latinoamericana (ISSN: 17944724) Revista Latinoamericana de Psicología (ISSN: 01200534) Journal of Promotion Management (ISSN: 10496491) Mass Communication and Society (ISSN: 15205436) Journal of Business Analytics (2573234X, 25732358) Journal of Consumer Marketing (ISSN: 07363761) Educational Research Review (ISSN: 1747938X) Suma Psicológica (ISSN: 01214381, 21459797) Acta Informatica Pragensia (ISSN: 18054951) Scientometrics (ISSN: 01389130, 15882861) Frontiers in Psychology (ISSN: 16641078) Engineering Reports (ISSN: 25778196) SAGE Open (ISSN: 21582440)

## Part XII: International Network

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Portuguese Science and Technology Foundation (Peer-Reviewer of R&D projects presented for FCT 2022)  
Colombian Association for the Advancement of Science  
American Psychological Association (Division 5)  
Venezuelan Psychologists Federation  
Colombian College of Psychologists Colciencias: “Investigador Senior” (Senior Researcher)  
Complex Systems Society and Publons Network  
Editorial board for Acta Informatica Pragensia (ISSN: 1805-4951) Social Informatics and Human-Computer Interaction Section

## Part XIII: Participation in Conferences

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• Effective use of web of science and scopus databases for educational research (Educational Research Workshop Cycle)	June, 2024 Santiago, Chile
• Psicología sin Psicometría (Jornadas de Psicología, Universidad de Monterrey)	May, 2023 Monterrey, México
• The Sci-Hub Effect (Conference on Complex Systems)	Oct, 2022 Palma de Mallorca, Spain
• Economic Complexity, Economic Growth, and CO <sub>2</sub> Emissions (Conference on Complex Systems)	Oct, 2022 Palma de Mallorca, Spain
• How to Choose the right journal for my article? (Prague University of Economics and Business)	Nov, 2021 Prague, Czech Republic
• El Efecto Sci-Hub (Universidad de las Américas, Seminario Ciencia de Datos Educativos)	Oct, 2021 Santiago, Chile
• Metodologías Semi-Automáticas en Psicología Preventiva (Universidad Quintana Roo)	Oct, 2021 Quintana Roo, Mexico
• Entropía de Información y Medición del Lenguaje (Universidad de la Sabana, I Simposio Internacional de Medición)	Sep, 2021 Bogotá, Colombia
• Introducción a Python (para estudiantes de psicología) (Sociedad Peruana de Psicometría)	Aug, 2021 Lima, Peru
• Big Data para Psicólogos (III Congreso Venezolano de Psicología)	Jul, 2021 Caracas, Venezuela
• Alfabetización Estadística en Psicología (Colegio Colombiano de Psicólogos)	Abr, 2021 Medellin, Colombia
• Big Data y Psicología: Oportunidades y Desafíos (Cátedra Colombiana de Psicología / ASCOFAPSI)	Feb, 2021 Medellin, Colombia
• Marketing Político: Una Mirada Interdisciplinaria (Universidad del Externado)	Dic, 2020 Bogotá, Colombia
• The Sci-Hub Effect: From an Open Science Perspective (Universidad Los Andes / Universidad El Bosque)	Dic, 2020 Bogotá, Colombia
• Recommendations for choosing the right journal for your paper (Prague University of Economics and Business)	Oct, 2020 Prague, Czech Republic
• Applied Complexity for Social Sciences (Prague University of Economics and Business)	Dic, 2019 Prague, Czech Republic
• Is $n \geq 10K$ possible in consumer psychology? (Colombian Congress of Psychology)	Sep, 2019 Barranquilla, Colombia
• Cyberbehavior: A Bibliometric Analysis (24th Annual CyberPsychology Conference)	Jun, 2019 Norfolk, VA, USA
• Comportamiento del Consumidor desde la Ciencia de Datos y Redes Sociales (VI Forum de Mercadeo, Universidad Santo Tomás)	Abr, 2019 Bogotá, Colombia

- Artificial Intelligence: A 2013-2018 Bibliometric Overview  
(International Artificial Intelligence Summit, GH Rasoni College of Engineering) Feb, 2019  
Nagpur, India
- Ciencia de Datos ¿Qué es y cuáles son sus aportes a la psicología?  
(Universidad de Granada, CYMCIC) Nov, 2018  
Granada, Spain
- Agent-based modeling as a learning tool to understand complex systems  
(Artificial Intelligence and Deep Learning Workshop, GH Rasoni College of Engineering) Sep, 2018  
Nagpur, India
- Collaborative consumption of food delivery services  
(Conference on Complex Systems) Sep, 2018  
Thessaloniki, Greece
- Text Mining the Text Difficulty of Latin American Peace Agreements  
(Conference on Complex Systems) Sep, 2018  
Thessaloniki, Greece
- Mobility factors for reducing self-reported travel times to health services  
(Association for Consumer Research Latin American Conference) Jul, 2017  
Cali, Colombia
- Urban mobility and food ordering services: A web mining perspective  
(Conference on Complex Systems) Sep, 2017  
Cancun, Mexico
- Exploring the synergy between motorists and motorcyclists in urban mobilization  
(Conference on Complex Systems) Sep, 2015  
Tempe, AZ, USA
- El uso de simulaciones basadas en agentes inteligentes en psicología  
(X Encuentro de Psicología, Universidad Católica Andrés Bello) Abr, 2014  
Caracas, Venezuela

## Computer Skills

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**Statistical Software:** Python, R-RStudio, Google Colab, SPSS, Jamovi, JASP, Knime,  $\Omega$ nyx

**Database Management Systems:** Gephi (advanced), Neo4J (basic), SQL (basic/intermediate).

**Documentation:** Office suites (MS-Office / Libre Office), RMarkdown, Quarto, Sweave, L<sup>A</sup>T<sub>E</sub>X, GitHub, OSF

**Experimental Software:** NetLogo, Psychopy, Opensesame, SeSAm

**Indexed Information Retrieval Systems:** Lens, Scopus, Web of Science, Cochrane database, PubMed, Latindex

## Professional References

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