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Dr. Martins is an applied health economist who specializes in real-world evidence (RWE) generation and health economics and outcomes research (HEOR). His experience includes the design and execution of primary data research studies, including cross-sectional and prospective longitudinal surveys, medical chart-review studies, and qualitative research. His experience also encompasses the analysis of both clinical trial data and real-world databases (including health insurance claims and electronic medical records), as well as indirect treatment comparisons. Dr. Martins has contributed to studies across a wide range of disease areas, including dermatology, immunology, gastroenterology, neurology, oncology, and cardiovascular diseases. His work has been published in numerous peer-reviewed journals and presented at clinical and economic research conferences.

EDUCATION

2019	Ph.D., economics, Boston University
2012	M.A., economics, Nova School of Business and Economics, Portugal
2010	B.A., economics, Nova School of Business and Economics, Portugal

PROFESSIONAL EXPERIENCE

2019–Present	Analysis Group, Inc. <i>Vice President (2026–Present)</i> <i>Manager (2022–2025)</i> <i>Associate (2019–2021)</i>
2014–2017	Boston University <i>Instructor and Teaching Assistant (2014–2017)</i> <i>Research Assistant (2015–2016)</i>
2010–2012	Nova School of Business and Economics, Portugal <i>Teaching Assistant (2012–2013)</i> <i>Research Assistant (2010–2012)</i>
2010	Ministry of Economy, Office for Strategy and Studies, Portugal <i>Analyst Intern</i>

ARTICLES AND PUBLICATIONS

- Pinto, J.M., Fillbrunn, M., **Martins, B.**, Yang, M., Chen, C., Nash, S., Corbett, M., Gandhi, A. and Wang, Z. Real-world treatment patterns in patients with chronic rhinosinusitis with nasal

polyps who initiated dupilumab: A US claims analysis. *Journal of Allergy and Clinical Immunology: Global* 2025, 4(4), 1–7. <https://doi.org/10.1016/j.jacig.2025.100557>

- Kwatra, S.G., Yang, M., **Martins, B.**, Zion, A., Liu, J., Zahn, J., Ozarslan, B., Bahloul, D., Payan, M., & Thomas, R.B. Prurigo Nodularis PaTient-Reported BurdEn of SicKness (PN TREK): A Cross-Sectional Survey of Patient-Reported Burden of Disease in Patients with PN from the US. *Advances in Therapy* 2025, 42(7), 3455–3471. <https://doi.org/10.1007/s12325-025-03217-4>
- Diakite, I., **Martins, B.**, Owusu-Edusei, K., Palmer, C., Patterson-Lomba, O., Gomez-Lievano, A., Zion, A., Simpson, R., Daniels, V. and Elbasha, E. Structured Literature Review to Identify Human Papillomavirus’s Natural History Parameters for Dynamic Population Models of Vaccine Impacts. *Infectious Diseases and Therapy* 2024, 13(5), 965–990. doi:10.1007/s40121-024-00952-z
- Kimball, A.B., Delevry, D., Yang, M., Chuang, C.C., Wang, Z., Bégo-Le-Bagousse, G., **Martins, B.**, Wu, E., Shumel, B., Wang, J. and Sierka, D. Long-Term Effectiveness of Dupilumab in Patients with Atopic Dermatitis: Results up to 3 Years from the RELIEVE-AD Study. *Dermatology and Therapy* 2023, 13(9), 2107–2120. doi:10.1007/s13555-023-00965-5
- Ellis, R.P., Hsu, H.E., Song, C., Kuo, T.C., **Martins, B.**, Siracuse, J.J., Liu, Y. and Ash, A.S. Diagnostic Category Prevalence in 3 Classification Systems Across the Transition to the International Classification of Diseases, Tenth Revision, Clinical Modification. *JAMA Network Open* 2020, 3(4), 1–12. doi:10.1001/jamanetworkopen.2020.2280
- **Martins, B.** and Filipe, L. Doctors' response to queues: Evidence from a Portuguese emergency department. *Health Economics* 2020, 29(2), 123–137. doi:10.1002/hec.3957
- Ellis, R.P., **Martins, B.**, and Rose, S. “Risk Adjustment for Health Plan Payment” in *Risk Adjustment, Risk Sharing and Premium Regulation in Health Insurance Markets: Theory and Practice*, Thomas G. McGuire and Richard van Kleef (eds.), Academic Press (2018), 55–104. doi.org/10.1016/B978-0-12-811325-7.00003-8
- Ellis, R.P., **Martins, B.**, and Zhu, W. Demand elasticities and service selection incentives among competing private health plans. *Journal of Health Economics* 2017, 56, 352–367. doi.org/10.1016/j.jhealeco.2017.09.006
- Ellis, R.P., **Martins, B.**, and Zhu, W. Health care demand elasticities by type of service. *Journal of Health Economics* 2017, 55, 232–243. doi:10.1016/j.jhealeco.2017.07.007
- Ellis, R.P., **Martins, B.**, and Miller, M.M. “Provider Payment Methods and Incentives” in *International Encyclopedia of Public Health*, second edition, H. Kris Heggenhougen and Stella Quah (eds.), Academic Press (2016), 133–142. doi.org/10.1016/B978-0-12-803678-5.00362-3

LANGUAGES

Portuguese (native), Spanish (basic)