

Alejandro de la Vega

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Publications

JOURNAL ARTICLES

1. Peraza, J. A., Salo, T., Riedel, M. C., Bottenhorn, K. L., Poline, J.-B., Dockès, J., Kent, J. D., Bartley, J. E., Flannery, J. S., Hill-Bowen, L. D., Lobo, R. P., Poudel, R., Ray, K. L., Robinson, J. L., Laird, R. W., Sutherland, M. T., Vega, A. de la, & Laird, A. R. (2024). Methods for decoding cortical gradients of functional connectivity. *Imaging Neuroscience*, 2, 1–32. https://doi.org/10.1162/imag_a_00081
2. Poldrack, R. A., Markiewicz, C. J., Appelhoff, S., Ashar, Y. K., Auer, T., Baillet, S., Bansal, S., Beltrachini, L., Benar, C. G., Bertazzoli, G., Bhogawar, S., Blair, R. W., Bortoletto, M., Boudreau, M., Brooks, T. L., Calhoun, V. D., Castelli, F. M., Clement, P., Cohen, A. L., ... Gorgolewski, K. J. (2024). The past, present, and future of the brain imaging data structure (BIDS). *Imaging Neuroscience*. https://doi.org/10.1162/imag_a_00103
3. Freis, S. M., Alexander, J. D., Anderson, J. E., Corley, R. P., De La Vega, A. I., Gustavson, D. E., Vrieze, S. I., & Friedman, N. P. (2024). Associations between executive functions assessed in different contexts in a genetically informative sample. *Journal of Experimental Psychology: General*, 153(1), 70–85. <https://doi.org/10.1037/xge0001471>
4. Niso, G., Botvinik-Nezer, R., Appelhoff, S., De La Vega, A., Esteban, O., Etzel, J. A., Finc, K., Ganz, M., Gau, R., Halchenko, Y. O., Herholz, P., Karakuzu, A., Keator, D. B., Markiewicz, C. J., Maumet, C., Pernet, C. R., Pestilli, F., Queder, N., Schmitt, T., ... Rieger, J. W. (2022). Open and reproducible neuroimaging: From study inception to publication. *NeuroImage*, 263, 119623. <https://doi.org/10.1016/j.neuroimage.2022.119623>
5. Vega, A. de la, Rocca, R., Blair, R. W., Markiewicz, C. J., Mentch, J., Kent, J. D., Herholz, P., Ghosh, S. S., Poldrack, R. A., & Yarkoni, T. (2022). Neuroscout, a unified platform for generalizable and reproducible fMRI research. *eLife*, 11. <https://doi.org/10.7554/eLife.79277>

PREPRINTS

1. Dockès, J., Oudyk, K., Torabi, M., Vega, A. I. de la, & Poline, J.-B. (2023). *Mining the neuroimaging literature*. <https://doi.org/10.1101/2023.10.30.564783>
2. Peraza, J. A., Salo, T., Riedel, M. C., Bottenhorn, K. L., Poline, J.-B., Dockès, J., Kent, J. D., Bartley, J. E., Flannery, J. S., Hill-Bowen, L. D., Lobo, R. P., Poudel, R., Ray, K. L., Robinson, J. L., Laird, R. W., Sutherland, M. T., Vega, A. de la, & Laird, A. R. (2023). *Methods for decoding cortical gradients of functional connectivity*. <https://doi.org/10.1101/2023.08.01.551505>
3. Vega, A. de la, Rocca, R., Blair, R. W., Markiewicz, C. J., Mentch, J., Kent, J. D., Herholz, P., Ghosh, S. S., Poldrack, R. A., & Yarkoni, T. (2022). *Neuroscout, a unified platform for generalizable and reproducible fMRI research*. <https://doi.org/10.1101/2022.04.05.487222>
4. Levitis, E., Gould van Praag, C. D., Gau, R., Heunis, S., DuPre, E., Kiar, G., Bottenhorn, K. L., Glatard, T., Nikolaidis, A., Whitaker, K. J., Mancini, M., Niso, G., Afyouni, S., Ortiz, E. A., Appelhoff, S., Arnatkeviciute, A., ATAY, M. S., Auer, T., Baracchini, G., ... MAUMET, C. (2021). *Centering inclusivity in the design of online conferences - an OHBM - open science perspective*. <https://doi.org/10.31234/osf.io/vj5tu>

BOOKS

BOOK CHAPTERS

Professional Presentations

Conference Abstracts

Best practices for robust and reproducible neuroimaging meta-analysis.

ORGANIZATION FOR HUMAN BRAIN MAPPING ANNUAL MEETING

2023

Expanding Neuroscout to facilitate voxelwise modeling workflows in naturalistic fMRI data

ORGANIZATION FOR HUMAN BRAIN MAPPING ANNUAL MEETING

2023

NeuroScout: a flexible platform for rapid, reproducible re-analysis of naturalistic fMRI datasets

ORGANIZATION FOR HUMAN BRAIN MAPPING ANNUAL MEETING

2022

Evaluating the role of non-lexical markers in GPT-2's language modeling behavior

PROCEEDINGS OF THE 3RD WORKSHOP ON EVALUATION AND COMPARISON OF NLP SYSTEMS

2022

Honors

Funding

Large-scale image-based meta-analysis of functional MRI data

FUNDING: \$5,673,309

NIMH, R01MH096906

2012 - 2024

NeuroScout: A cloud-based platform for flexible re-analysis of naturalistic fMRI datasets

FUNDING: \$3,026,872

NIMH, R01MH109682

2016 - 2023

Service

International Neuroinformatics Coordinating Facility

CONFERENCE PROGRAM COMMITTEE

Stockholm, SE

2024 - 2024

Mentoring and Teaching

MENTORING

Alden Yi

MENTORED VOLUNTEED RA

2023 - 2024

James Kent

POSTDOCTORAL ADVISOR

2021 - 2024

Roberta Rocca

POSTDOCTORAL ADVISOR

2021 - 2022

TEACHING