

# Alejandro de la Vega

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## Publications

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### 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](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](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>
6. Halchenko, Y., Meyer, K., Poldrack, B., Solanky, D., Wagner, A., Gors, J., MacFarlane, D., Pustina, D., Sochat, V., Ghosh, S., Mönch, C., Markiewicz, C., Waite, L., Shlyakhter, I., Vega, A. de la, Hayashi, S., Häusler, C., Poline, J.-B., Kadelka, T., ... Hanke, M. (2021). DataLad: Distributed system for joint management of code, data, and their relationship. *Journal of Open Source Software*, 6(63), 3262. <https://doi.org/10.21105/joss.03262>

### 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>

### BOOKS

### BOOK CHAPTERS

## Professional Presentations

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### Best practices for semi-automated neuroimaging meta-analysis with Neurosynth Compose

COGNITION BRAIN AND BEHAVIOR SEMINAR

2024

### Best practices for robust and reproducible neuroimaging meta-analysis.

ORGANIZATION FOR HUMAN BRAIN MAPPING ANNUAL MEETING

2023

## Conference Abstracts

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### 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

## Honors

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## Funding

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### 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

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### International Neuroinformatics Coordinating Facility

CONFERENCE PROGRAM COMMITTEE

Stockholm, SE

2024 - 2024

## Mentoring and Teaching

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### MENTORING

#### Alden Yi

VOLUNTEER RESEARCH ASSISTANT

2023 - 2024

#### James Kent

POSTDOCTORAL ADVISOR

2021 - 2024

#### Roberta Rocca

POSTDOCTORAL ADVISOR

2021 - 2022

### TEACHING