

# CURRICULUM VITAE

## Personal Details

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Born: Aug 30, 1979. Montevideo-Uruguay.

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## Education

B.Sc.	2004 - 2007	Tel Aviv University, Statistics (Cum Laude) & Economics
Ph.D.	2007 - 2013	Tel Aviv University, Statistics PhD. direct-track Advisor: Prof. Yoav Benjamini Thesis: "The Typically Unique Brain: Group Analysis in fMRI Studies and Other Statistical Topics in Neuroimaging"

## Employment History

2015 - Present	Lecturer Industrial Engineering and Management Ben Gurion University of the Negev
2013 - 2015	Postdoctoral Researcher Faculty of Mathematics and Computer Science The Weizmann Institute of Science (WIS)

## Educational Activities

### (a) Courses Taught

2019 - Present	Mathematics Methods for Data Science, Graduate, IEM BGU
2018 - Present	R- A Software Platform for Data Analysis, Graduate, IEM BGU
2015 - Present	Quality Engineering, Undergraduate, IEM BGU
2014	Introduction to Machine Learning, Graduate, IEM BGU
2014	Statistical Learning, Graduate, WIS (jointly with Boaz Nadler)
2007 - 2013	Teaching Assistant at the Department of Statistics,TAU

## Awards, Citations, Honors, Fellowships

### (a) Honors, Citation Awards

2019	<p>“On mixture alternatives and Wilcoxon's signed-rank test” Selected by the journal's Editors to their JSM2019(*) session: “Editor's Choice: Papers Published in The American Statistician During 2018”.</p> <p>(*) JSM is the largest annual statistical conference (6,500 statisticians).</p>
2017	<p>“On the Optimality of Averaging in Distributed Statistical Learning” shortlisted for the best paper prize of the Journal Information and Inference; an award given the the best paper in the journal between 2015-2016 published by early career researchers.</p>
2014	Perez Prize of the Israel Statistical Association's for outstanding Ph.D. dissertation
2014	Figure from Refereed Article 4 selected for the cover of NeuroImage Vol. 84
2013	Trainee Abstract Award of the Organization of Human Brain Mapping Conference
2013	Student Paper Award of the International Biometric Society, East Mediterranean Region Annual Conference
2012	Ph.D. Student Award, Shreiber Math School (TAU)

**(b) Fellowships**

2006	Shreiber Math School Excellence Scholarship (TAU)
2007	Shreiber Math School Excellence Scholarship (TAU)
2010	WorldQuandt Foundation Fellowship
2014	Clore Foundation Postdoctoral Fellowship

**Research Grants- Awarded**

(*) 2017 - 2021	ISF Personal 900/16 "Statistical Analysis and Design of Parallelized Algorithms for Large Scale M-Estimation" Single PI US\$39,000 Annual, Total four-years amount US\$156,000
(*) 2017-2020	ISF New Scientist 924/16 "Statistical Analysis and Design of Parallelized Algorithms for Large Scale M-Estimation" Total. three-years amount US\$34,000

**Additional Information****(a) Software Written and Maintained**

<b>RRHO</b> R package	Implements the Rank-Rank Hypergeometric Overlap Test. Download from <a href="#">Bioconductor</a> .
<b>chords</b> R Package	Estimates population size and degree distribution in respondent driven samples. Download from <a href="#">CRAN</a> .
<b>SimpleLearner</b> R package	Implements an easy to fit polynomial deep neural network. Download from <a href="#">GitHub</a> .
<b>FPF</b> R Package	Prevalence estimation in fMRI group studies. Download from R-Forge

**(b) Extracurricular**

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| 2015 - 2019 | Israeli national league indoor volleyball player. Middle-blocker for Elizur Kfar-Saba (Volleyball Union cup holder for 2016)                                 |
| 2014 - 2019 | Israeli national league beach volleyball player  |
| 2007        | Founder and Chair of a TAU Student-Council Party   |
| 2007        | Assistant editor of "Israel Green Vision- Transportation Chapter," an initiative of the Ministry of Finance to set an ecological long term agenda for Israel |
| 2006 - 2007 | Chairman of the <a href="#">Israel Bike Organization</a> (NGO).  |