

Frederic Deutsch

General Details	Born on 09.11.66 in Paris, France. Citizenship: Israeli and French.
Current Occupation	2014-Present Partner Statistician and Data Scientist at BioStats, Statistical Consulting Ltd. Data analysis, data mining, expert SAS programming. Specializing in the fields of Medicine and Biology: study design, sample size calculation, submission of protocols, preparation of Statistical Analysis Plan, analysis of data from clinical trials using advanced statistical methods. Compliance with FDA, CE and ICH guidelines.
Education	1992 - 1994 Bar-Ilan university Ramat Gan M.Sc. Statistics. ■ 1997 – 1998 Will complete thesis. 1989 - 1992 Bar-Ilan university Ramat Gan B.Sc. Statistics and Computer Sciences.
Professional experience	2008-2014 Freelance Statistical Consultant Data analysis, data mining, expert SAS programming. Specializing in the fields of Medicine and Biology. Compliance with FDA, CE and ICH guidelines 2004 - 2008 BioStatistician Global Biostatistics Unit - Innovative R&D Division TEVA Pharmaceutical Industries LTD. Experience with study design, sample size calculation, submission of protocols, preparation of Statistical Analysis Plan, analysis of data from clinical trials using advanced statistical methods 2000 – 2004 G-Stat Jerusalem Statistician and Data Analyst ■ Statistician and Data Analyst working for a consulting firm specializing in Data Mining , worked on projects in the fields of Finance and Wholesaling. Statistical Consultant ■ Occasional work as freelance statistical consultant. Experience with study design, sample size calculation, analysis of data from clinical trials using advanced statistical methods.

- 1998-1999 Sabor Kft. Hungary
Assistant manager
- Assistant manager of an overseas investment management company.
- 1998 Bar-Ilan University Ramat Gan
Teaching Assistant
- Lecturer of SAS and assistant lecturer of Simulation and Linear Programming at Bar-Ilan University.
- 1995 - 1998 Postal Authority Jerusalem
Statistician
- Statistician in the Economics department, in charge of the planning, execution, and analysis of quality of service surveys.
- 1994 - 1995 Central Bureau of Statistics Jerusalem
Statistician
- Devising population samples, sampling, computation of sample errors and the treatment of fallout.
- 1992 - 1994 Bar-Ilan University Ramat Gan
Teaching Assistant
- Introduction to Probability and Statistics, Queuing Theory, Statistical Theory.

Languages

French (mother tongue), Hebrew ,English and basic Hungarian.

Technical knowledge

Programming Knowledge: SAS, Enterprise Miner, JMP, General SQL, SQL for TERADATA, SPSS, C, Pascal, and Visual Basic for Applications.

Operating systems: DOS, Windows and Unix.

Software: Word, Excel, Access.

Hobbies

Archery, reading, listening to music and swimming.

Publications as co-author or mentioned in acknowledgment

- Levkovitz, Y., Isserles, M., Padberg, F., Lisanby, S. H., Bystritsky, A., Xia, G., Tendler, A., Daskalakis, Z. J., Winston, J. L., Dannon, P., Hafez, H. M., Reti, I. M., Morales, O. G., Schlaepfer, T. E., Hollander, E., Berman, J. A., Husain, M. M., Sofer, U., Stein, A., Adler, S., Deutsch, L., Deutsch, F., Roth, Y., George, M. S. and Zangen, A. (2015), ***Efficacy and safety of deep transcranial magnetic stimulation for major depression: a prospective multicenter randomized controlled trial.*** World Psychiatry, 14: 64–73. doi: 10.1002/wps.20199
- Isserles M, Rosenberg O, Dannon P, Levkovitz Y, Kotler M, Deutsch F, Lerer B, Zangen A, ***Cognitive-emotional reactivation during deep transcranial magnetic stimulation over the prefrontal cortex of depressive patients affects antidepressant outcome;*** J Affect Disord. 2011 Feb;128(3):235-42. Epub 2010 Jul 21.
- Vollmer T, Panitch H, Bar-Or A, Dunn J, Freedman MS, Gazda SK, Campagnolo D, Deutsch F, Arnold DL, ***Glatiramer acetate after***

induction therapy with mitoxantrone in relapsing multiple sclerosis.
Mult Scler. 2008 Jun;14(5):663-70. Epub 2008 Apr 18.

- D. L. Arnold , D. Campagnolo, H. Panitch, A. Bar-Or, J. Dunn, M. S. Freedman, S. K. Gazda and T. Vollmer, ***Glatiramer acetate after mitoxantrone induction improves MRI markers of lesion volume and permanent tissue injury in MS***, J Neurol (2008) 255:1473–1478
- Aaron Miller^{*}, Vincent Spada, Dorothy Beerkircher, and Rivka Riven Kreitman, ***Long-term (up to 22 years), open-label, compassionate-use study of glatiramer acetate in relapsing remitting multiple sclerosis***, Multiple Sclerosis 2008;14:494.

References upon request