

## Georgios Ntritsos – Curriculum Vitae

### PERSONAL

Family name: <b>Ntritsos</b>	First name: <b>Georgios</b>
Date of birth: <b>16 October 1986</b>	e-mail: <b>gntritsos@uoi.gr</b>
URL for web site: <a href="https://scholar.google.com/citations?user=HmpVSJYAAAAAJ&amp;hl=el">https://scholar.google.com/citations?user=HmpVSJYAAAAAJ&amp;hl=el</a>	

### EDUCATION

2009	B.S. in Computer Science, Department of Informatics, Athens University of Economics and Business, Greece
2013	M.Sc. in Biostatistics, Department of Statistic/Athens University of Economics and Business, Greece
2018	Ph.D. in Genetic Epidemiology, Department of Hygiene and Epidemiology, University of Ioannina Medical School, Greece

### CURRENT POSITION(S)

09.2019 - 09.2022	Adjunct Lecturer of Statistics, Dept. of Statistics and Insurance Sciences, University of Western Macedonia, Grevena, Greece
06.2020 - Today	Scientific Research Associate of Statistics-Biostatistics, University of Ioannina Medical School, Greece
12.2012 – Today	Scientific Research Associate of Statistics-Biostatistics Department of Hygiene and Epidemiology, University of Ioannina Medical School, Greece

### PREVIOUS POSITION(S)

09.2019 - 09.2022	Adjunct Lecturer of Statistics, Dept. of Psychology, University of Ioannina, Greece
09.2021 - 02.2022	Adjunct Lecturer of Statistics, Dept. of Psychology, University of Western Macedonia, Florina, Greece
11.2019 - 11.2021	Post-doctoral Research Fellow of Statistics-Biostatistics, Department of Hygiene and Epidemiology, University of Ioannina Medical School, Greece
03.2019 – 07.2021	Post-doctoral Research Fellow of Statistics-Biostatistics, Dept. of Informatics and Telecommunication, Univ. of Ioannina, Greece

### FELLOWSHIPS AND AWARDS

2019-2021	IKY Scholarship for Post-doctoral research entitled “Novel Approaches for Assessing the Genetic Variation of Melanoma Risk”, Department of Hygiene and Epidemiology, University of Ioannina Medical School, Ioannina, Greece, Advisor: Assistant Professors E. Evangelou
2017-2018	H.F.R.I.'s Scholarship for PhD research entitled “Genetic risk factors for melanoma”, Department of Hygiene and Epidemiology, University of Ioannina Medical School, Ioannina, Greece, Advisors: Assistant Professors E. Evangelou and K. Tsilidis
05.2017	ECTS Eli-Lilly Scholarship for the research entitled “Pleiotropic effects of genetic variants associated with different phenotypes on osteoporosis risk”, European Calcified Tissue Society (Salzburg, Austria 13-16/05/2017)

### SOFTWARE

Microsoft Office  
 Statistical Software: SPSS, R, S-PLUS, Stata, Quanto, Minitab, PASS  
 Bioinformatic Tools: Plink, METAL  
 Operation Systems: LINUX, UNIX, Cygwin  
 Python  
 Win bugs

### PUBLICATIONS

- E Karagiannopoulou, A Desatnik, C Rentzios, **G Ntritsos**. The exploration of a ‘model’ for understanding the contribution of emotion regulation to students learning. The role of academic emotions and sense of coherence. *Curr Psychol* (2022). <https://doi.org/10.1007/s12144-022-03722-7>
- G Mpourazanis, W Konschake, R Vogiatzis, P Papalexis, VE Georgakopoulou, **G Ntritsos**, P Sklapani, N Trakas. The Role and Effectiveness of Photodynamic Therapy on Patients With Actinic Keratosis: A Systematic Review and Meta-Analysis. June 28, 2022. *Cureus* 14(6): e26390. doi:10.7759/cureus.26390
- Vasileios Christou, Kyriakos Koritsoglou, **Georgios Ntritsos**, Georgios Tsoumanis, Markos G. Tsiouras, Nikolaos Giannakeas, Evripidis Glavas, Alexandros T. Tzallas. Heterogeneous hybrid extreme learning machine for temperature sensor accuracy improvement. *Expert Systems with Applications*, Volume 203, 2022, 117488, ISSN 0957-4174, doi:10.1016/j.eswa.2022.117488.
- Davri A., Birbas E., Kanavos, T., **Ntritsos, G.**, Giannakeas, N., Tzallas, A.T., Batistatou A. Deep Learning on Histopathological Images for Colorectal Cancer Diagnosis: A Systematic Review. *Diagnostics* 2022, 12, 837. doi: 10.3390/diagnostics12040837
- Sofologi M, Pliogou V, Bonti E, Efstratopoulou M, Kougioumtzis GA, Papatzikis E, **Ntritsos G**, Moraitou D, Papantoniou G. (2022) An Investigation of Working Memory Profile and Fluid Intelligence in Children With Neurodevelopmental Difficulties. *Front. Psychol.* 12:773732. doi: 10.3389/fpsyg.2021.773732
- P. Christodoulides, A. Miltiadous, K. D. Tzimourta, D. Peschos, G. **Ntritsos**, V. Zakopoulou, N. Giannakeas, L. G. Astrakas, M. G. Tsiouras, K. I. Tsamis, E. Glavas, A. T. Tzallas. Classification of EEG signals from young adults with dyslexia

- combining a Brain Computer Interface device and an Interactive Linguistic Software Tool. *Biomedical Signal Processing and Control*, Volume 76, 2022, 103646, ISSN 1746-8094, <https://doi.org/10.1016/j.bspc.2022.103646>
- Konstantinidis A, Kyriakopoulos C, **Ntritsos** G, Giannakeas N, Gourgoulianis KI, Kostikas K, Gogali A. The Role of Digital Tools in the Timely Diagnosis and Prevention of Acute Exacerbations of COPD: A Comprehensive Review of the Literature. *Diagnostics (Basel)*. 2022 Jan 21;12(2):269. doi: 10.3390/diagnostics12020269.
  - S. Tsabouri, G. **Ntritsos**, F. Koskeridis, E. Evangelou, P. Olsson, K. Kostikas. Omalizumab for the Treatment of Allergic Rhinitis: A Systematic Review and Meta-Analysis. *Rhinology*. 2021 Oct 29. doi: 10.4193/Rhin21.159.
  - G. **Ntritsos** and E. Evangelou, "Prediction of melanoma incidence based on combination of genetic variants," 2021 6th South-East Europe Design Automation, Computer Engineering, Computer Networks and Social Media Conference (SEEDA-CECNSM), 2021, pp. 1-4, doi: 10.1109/SEEDA-CECNSM53056.2021.9566247
  - C. Kyriakopoulos, G. **Ntritsos**, A. Gogali, H. Milionis, E. Evangelou, K. Kostikas. Systematic review and meta-analysis of tocilizumab administration for the treatment of hospitalised patients with COVID-19. *Respirology*. 2021 Nov;26(11):1027-1040. doi: 10.1111/resp.14152
  - E. Bika, D. Moraitou, E. Masoura, G. Kolios, G. Papantoniou, M. Sofologi, V. Papaliagkas and G. **Ntritsos**. The Association between the Binding Processes of Working Memory and Vascular Risk Profile in Adults. *Brain Sci*. 2021, 11, 1140. doi:10.3390/brainsci11091140
  - I. G. Tsoulos, N. Anastasopoulos, G. **Ntritsos**, A. Tzallas. Train RBF networks with a hybrid genetic algorithm. *Evolutionary Intelligence* (2021). doi: 10.1007/s12065-021-00654-2
  - M. Tsatali, D. Moraitou, G. Papantoniou, E. Foutsitzi, E. Bonti, G.Kougoumtzis, G. **Ntritsos**, M. Sofologi, M. Tsolaki. Measuring Impulsivity in Greek Adults: Psychometric Properties of the Barratt Impulsiveness Scale (BIS-11) and Impulsive Behavior Scale (Short Version of UPPS-P). *Brain Sci*. 2021, 11, 1007. doi:10.3390/brainsci11081007
  - V. Zakopoulou, K.D. Tzamourta, G. **Ntritsos**, A.T. Tzallas, M.G. Tsipouras, L.G. Astrakas, P.Christodoulides I. Paliokas, V. Zakopoulos, N. Giannakeas. Towards Correct and Safe Diagnosis of Specific Learning Disorder in Preschool Age. The perspective of Early Multi-collector Diagnostic Approaches. A Pilot Study. *Acta Scientific Neurology*. May 17, 2021; Volume 4 Issue 6: 53-69. doi: 10.31080/ASNE.2021.04.0365
  - M. P. Yavropoulou , A. Kolynou, P. Makras, M. Pikilidou, S. Nanoudis, L. Skoura, O. Tsachouridou, G. **Ntritsos**, A. Tzallas, D. G. Tsalikakis, O. Tsave, S. Metallidis, D. Chatzidimitriou. Circulating microRNAs related to bone metabolism in HIV induced bone loss. *Biomedicines* 2021, 9(4), 443; doi: 10.3390/biomedicines9040443
  - Kyriakopoulos C, Gogali A, Exarchos K, Potonos D, Tatsis K, Apollonatu V, Loukides S, Papiris S, Sigala I, Katsaounou P, Aggelidis M, Fouka E, Porpodis K, Kontakiotis T, Sampsonas F, Karampitsakos T, Tzouveleki A, Bibaki E, Karagiannis K, Antoniou K, Tzanakis N, Dimeas I, Daniil Z, Gourgoulianis K, Kouratzi M, Steiropoulos P, Antonakis E, Papanikolaou IC, **Ntritsos** G, Kostikas K. Reduction in Hospitalizations for Respiratory Diseases during the First COVID-19 Wave in Greece. *Respiration*. 2021 Apr 7:1-6. doi: 10.1159/000515323
  - MP Yavropoulou, V Vaios, P Makras, P Georgianos, A Batas, D Tsalikakis, A Tzallas, G **Ntritsos**, S Roumeliotis, T Eleftheriadis, V Liakopoulos. Expression of circulating microRNAs linked to bone metabolism in chronic kidney disease-mineral and bone disorder. *Biomedicines* 2020 Dec 12;8(12):601. doi: 10.3390/biomedicines8120601
  - G.Georgiopoulos, G.**Ntritsos**, K. Stamatelopoulos, C.Tsioufis, A. Aimo, S.Masi, E.Evangelou. The relationship between blood pressure and risk of atrial fibrillation: a Mendelian Randomisation study. *European Journal of Preventive Cardiology* 2021 Feb 9:zwab005. doi: 10.1093/eurjpc/zwab005
  - K. Koritsoglou, V. Christou, G. **Ntritsos**, G. Tsoumanis, M.G. Tsipouras, N. Giannakeas, A.T. Tzallas. Improving the accuracy of low-cost sensor measurements for freezer automation. *Sensors* 2020, 20(21), 6389; <https://doi.org/10.3390/s20216389>
  - Aimo A, Kollia E, **Ntritsos** G, Barison A, Masci PG, Figliozzi S, Klettas D, Stamatelopoulos K, Delialis D, Emdin M, Georgiopoulos G. Echocardiography versus computed tomography and cardiac magnetic resonance for the detection of left heart thrombosis: a systematic review and meta-analysis. *Clinical Research in Cardiology* 2020 Sep 13. doi: 10.1007/s00392-020-01741-7
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  - Georgiou AN, **Ntritsos** G, Papadimitriou N, Dimou N, Evangelou E. Cigarette Smoking, Coffee Consumption, Alcohol Intake, and Risk of Crohn's Disease and Ulcerative Colitis: A Mendelian Randomization Study. *Inflamm Bowel Dis*. 2020 Jul 6:izaa152. doi: 10.1093/ibd/izaa152.
  - Mpourazanis G, Mpourazanis P, Stogiannidis G, **Ntritsos** G. The Effectiveness of Photodynamic Therapy and Cryotherapy on Patients with Basal cell carcinoma: A Systematic Review and Meta-analysis. *Dermatol Ther*. 2020 Jun 19:e13881. doi: 10.1111/dth.13881.
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  - S. Glentis, A.C. Dimopoulos, K. Rouskas, G. **Ntritsos**, E. Evangelou, S.A. Narod, A.M. Mes-Masson, W.D. Foulkes, B. Rivera, P. N. Tonin, J. Ragoussis, A.S. Dimas. Exome Sequencing in BRCA1- and BRCA2-Negative Greek Families Identifies MDM1 and NBEAL1 as Candidate Risk Genes for Hereditary Breast Cancer . *Front Genet*. 2019 Oct 18;10:1005. doi: 10.3389/fgene.2019.01005. eCollection 2019
  - Evangelou E ‡, Gao H ‡, Chu C ‡, **Ntritsos** G ‡, ..., Tzoulaki I ‡, Bell JD ‡, Matthews PM ‡, Rothenfluh A ‡, Desrivieres S ‡, Schumann G ‡, Elliott P ‡. New alcohol-related genes suggest shared genetic mechanisms with neuropsychiatric disorders. *Nat Hum Behav*. 2019 Sep;3(9):950-961. doi: 10.1038/s41562-019-0653-z. Epub 2019 Jul 29. ‡ equal contribution
  - Charchanti A, Papoudou Bai A, Samantas E, Papakostas P, Skarlos P, Kanavaros P, **Ntritsos** G, J Agnantis N, C Goussia A. Association of low Syndecan-1 expression with adverse histopathological parameters in gastric carcinomas. *J BUON*. 2019 May-Jun;24(3):1106-1112.

- G **Ntritsos**, N Dimou, K Kypreou, I Stefanaki, MA Loizidou, A Hadjisavvas, K Kyriacou, Melanoma Meta-Analysis Consortium, S MacGregor, MH Law, MM Iles, AJ Stratigos, E Evangelou. Assessment of melanoma candidate genes in a meta-analysis of 16,534 melanoma cases. *Journal of the European Academy of Dermatology and Venereology*. 2019 May 9. doi: 10.1111/jdv.15662
- E. Evangelou #, H. Warren #, D. Mosen-Ansorena#, B. Mifsud#, R. Pazoki#, H. Gao#, G. **Ntritsos**#, N. Dimou#,..., I. Tzoulaki#, M. Barnes#, L. V. Wain#, P. Elliott#, M. Caulfield#, . Genetic analysis of over one million people identifies 535 novel loci for blood pressure. *Nature Genetics*. 2018 Sep 17. doi: 10.1038/s41588-018-0205-x. #Contributed equally
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- Mousas A, **Ntritsos** G, Chen MH, Song C, Huffman JE, Tzoulaki I, Elliott P, Psaty BM; Blood-Cell Consortium, Auer PL, Johnson AD, Evangelou E, Lettre G, Reiner AP. Rare coding variants pinpoint genes that control human hematological traits. *PLoS Genetics*. 2017 Aug 7;13(8):e1006925. doi: 10.1371/journal.pgen.1006925. eCollection 2017 Aug.
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- Masouri S, Stefanaki I, **Ntritsos** G, Kypreou KP, Drakaki E, Evangelou E, Nicolaidou E, Stratigos AJ, Antoniou C. A Pharmacogenetic Study of Psoriasis Risk Variants in a Greek Population and Prediction of Responses to Anti-TNF- $\alpha$  and Anti-IL-12/23 Agents. *Molecular Diagnosis & Therapy*. 2016 Jun;20(3):221-5. doi: 10.1007/s40291-016-0198-z.
- Evangelou E, **Ntritsos** G, Chondrogiorgi M, Kavvoura FK, Hernández AF, Ntzani EE, Tzoulaki I. Exposure to pesticides and diabetes: A systematic review and meta-analysis. *Environmental Interantional*. 2016 May;91:60-8. doi: 10.1016/j.envint.2016.02.013.
- Kypreou KP, Stefanaki I, Antonopoulou K, Karagianni F, **Ntritsos** G, Zaras A, Nikolaou V, Kalfa I, Chasapi V, Polydorou D, Gogas H, Spyrou GM, Bertram L, Lill CM, Ioannidis JP, Antoniou C, Evangelou E, Stratigos AI. Prediction of Melanoma Risk in a Southern European Population Based on a Weighted Genetic Risk Score. *Journal of Investigative Dermatology*. 2016 Mar;136(3):690-5. doi: 10.1016/j.jid.2015.12.007
- Masouri S, Stefanaki I, Kypreou KP, Kodela E, Bethimoutis G, **Ntritsos** G, Evangelou E, Stratigos AJ, Antoniou C. Replication of risk variants for psoriasis in a Southern European case-control study: correlation with clinical subphenotypes. *British Journal of Dermatolog* . 2015 Aug;173(2):552-4. doi: 10.1111/bjd.13625
- Evangelia E Ntzani, Chondrogiorgi M, **Ntritsos** G, Evangelou E, Tzoulaki I. Literature review on epidemiological studies linking exposure to pesticides and health effects. EFSA Supporting Publication 2013; 10(10):EN-497, 159 pp
- Total Publications: Peer-reviewed International Journals /Conferences: **36/23**

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#### CITATIONS

- 1610 references (source: Google Scholar), h-index = 13, i10-index = 16
  - URL: <https://scholar.google.com/citations?user=HmpVSJYAAAAJ&hl=en>
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#### CAREER/CONTRIBUTIONS

Dr. Georgios Ntritsos is a Biostatistician with a bachelor's degree in Informatics, a master's degree in Biostatistics from the Athens University of Economics and Business and he holds PhD in Genetic Epidemiology from the University of Ioannina in Greece. He is currently working as a Scientific Research Associate of Statistics-Biostatistics at the University of Ioannina (Medical School and Department of Hygiene and Epidemiology). He is also an Adjunct Lecturer of Statistics in the Department of Psychology of the University of Ioannina.

Dr. Ntritsos was participated as a statistician/researcher in 14 competitively funded research grants, 8 of which were international (Commission of the European Communities, the European Union, Greek National Funds, the European Food Safety Authority (EFSA) and the Doctor Evidence, LLC).

He has contributed 36 peer-reviewed scientific papers published (4 additional scientific papers are under review) in international high-impact journals, including the *Nature Genetics*, *Nature Human Behaviour* and *PLoS Genetics*, with more than 1,600 citations (<https://scholar.google.com/citations?user=HmpVSJYAAAAJ&hl=en>) in total of his work. The main object of his contribution on was the design and supervision of the statistical research methodology, the statistical analysis of data, the evaluation and drawing of conclusions, and as well as writing and editing.

Dr. Ntritsos is one of the leading authors of the first study in genetic epidemiology assessing health outcomes that reached >1M participants that was published in *Nature Genetics* and considered as a milestone from experts in the field due to its large sample size. His research focuses on biostatistics, social statistics, statistical methodology, analysis of big data, evidence synthesis, epidemiology, and causal statistical inference.

On 2017, he has been awarded with H.F.R.I.'s Scholarship for PhD research and on 2019 with IKY Scholarship for Post-Doctoral research.

From 2022 he works as an adjunct Lecturer of Statistics, in the Department of Statistics and Insurance Sciences, University of Western Macedonia, while from 2021 to 2022 he has worked as an adjunct Lecturer of Statistics, in the Department of Psychology of the University of Western Macedonia and from 2019 to 2022 as an adjunct Lecturer of Statistics, in the Department of Psychology of the University of Ioannina.

Finally, since 2014, he has carried out auxiliary and co-teaching undergraduate and master courses in Biostatistics and Epidemiology in the Departments of Medicine, Informatics and Telecommunications and Nursing of the University of Ioannina, as well as at the Medical School of University of Athens.

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