Stanislav Nagy Curriculum Vitae, April 2024

Family name:	Nagy		First name:	Stanislav	
Nationality: Web:	Slovak www.karlin.mff.cun gems.karlin.mff.cu		ORCID: Scopus: ResearcherID:	0000-0002-8610-4227 56519313700 D-9116-2017	
Date of birth:	1st of December, 1987		Ph.D. defence:	19th of December, 2016	
Qualifications and	d work experience				
Research and tea	ching positions				
2017 – present	Charles University Assistant Professor, I Supervised post-docto Teaching activities: (courses co-taught)	Dept. of Probability oral fellows/master Linear Regression Advanced Statistic Modern Statistic	y and Math. Statistic r students/bachelor and tics Seminar all Methods atistics I, II, and IV Statistics	students: $1/7/13$ (2017 - 2022) (2020 - 2023) (2017 - present)	
2013 - 2017	Research Foundation – Flanders, Belgium Ph.D. fellow, KU Leuven, Department of Mathematics Including a postdoctoral stay of 9 months in January – September 2017				
Education history	y				
2013 - 2016	Ph.D. in Mathematics (double degree), KU Leuven, Belgium Faculty of Science; Ph.D. supervisor Prof. Irène Gijbels				
2011 - 2016	Ph.D. in Probability and Mathematical Statistics (double degree) Charles University, Prague, Czech Rep. Faculty of Mathematics and Physics; Ph.D. supervisor Prof. Daniel Hlubinka				
2009 - 2011	Mgr. in Probability, Math. Statistics and Econometrics (summa cum laude) Faculty of Mathematics and Physics, Charles University, Prague, Czech Rep.				
2006 - 2009	Bc. in Mathematics (summa cum laude) Faculty of Mathematics and Physics, Charles University, Prague, Czech Rep.				
Selected research	visits (at least one week	long only)			
2023	Aalto University, Finland Research stay — Depth and its computation (with P. Ilmonen, 2 weeks)				
2021	Universität Bonn, Germany (4 months) Trimester program — Hausdorff Research Institute for Mathematics (HIM) The Interplay between High-Dimensional Geometry and Probability				
2019	Research stay supported by a full HIM fellowship (12 000 €). Case Western Reserve University, Dept. of Mathematics, Cleveland, US Research stay — Floating bodies and lift zonoids (with E. M. Werner, 3 weeks)				
2018	Goethe-Universität Frankfurt am Main, Germany Special course — Floating bodies and affine invariants (1 week)				
2017	Université Toulouse – Jean Jaurès, France (2 months) Research stay — Analysis of high-dimensional data (with F. Ferraty) Supported by a Research Foundation - Flanders travel grant (V429617N, 3 000 €)				
2016	Mathematisches Forschungsinstitut Oberwolfach, Germany Oberwolfach Workshop: New Developments in Functional and Highly Multivariate Statistical Methodology (1 week)				
2016	Research stay — Fun	iversité Toulouse – Toulouse Mathematics Institute, France (4 months) search stay — Functional data analysis (with F. Ferraty)			

Supported by a Research Foundation - Flanders travel grant (V410616N, 7 000 $\in)$

Oberwolfach Seminar: Statistics for High-Dimensional Data (1 week)

$\frac{\text{Grants and sel}}{2023}$		III (1 400 000 €)		
2023		(1 400 000 €)		
	GeMS: Geometric Multivariate and Non-Euclidean Statistics	Q. Q. C. 1. 1		
	Final panel score A (Step 2; ranking range 46%-48%; 35% of proposals in S	Step 2 funded		
	Fully meets the ERC excellence criterion and is recommended for funding.	(2224 222		
	Project not funded by ERC due to insufficient funds, eligible for ERC CZ			
2024	Charles University Research Centre program UNCE/24/SCI/022 — Collab	orator		
	Intersections of Algebra, Geometry, and Informatics			
2024 - 2026	Czech Science Foundation research grant GAČR 24-10822S			
	Geometric Multivariate and Non-Euclidean Stat. (Principal Investigator)	(300 000 €)		
2022	Nomination for GAČR president's award in Physical Sciences (GAČR 19-1	.6097Y)		
2022	ERS IASC Young Researcher Award, COMPSTAT international conference	,		
2022	Prize of the Czech Mathematical Society	o, 10d1j		
2021 - 2022	French-Czech mobility grant <i>Programme Barrande</i> (Principal Investigator)	(6 000 €)		
2021 2022	Bernard Bolzano prize in Mathematics	(0 000 C)		
	023 Progres Q49 prize for best scientific papers in Mathematics (awarded three	time and		
		times)		
2019 - 2021	Czech Science Foundation research grant GAČR 19-16097Y	(120,000,0)		
2010 2021	Geometric Methods in Statistics (Principal Investigator)	(120 000 €)		
2018 - 2021	Charles University research grant PRIMUS/17/SCI/03			
	Advanced Geometric Methods in Statistics (Principal Investigator)	$(350\ 000 \in)$		
2018 - 2020	Czech Science Foundation research grant GAČR 18-00522Y — Collaborate	or		
2018	Goethe-Universität Frankfurt am Main travel grant			
2016, 2017	COST Action IC1408 trainee travel grant (awarded twice)			
2015	Best student talk, PROBASTAT international conference, Slovakia			
2013 - 2017	Research Foundation - Flanders Ph.D. fellowship — Aspirant	(140 000 €)		
2013	Best student poster, ICORS international conference, Russia	,		
2012, 2016	Oberwolfach OWLG travel grant (awarded twice)			
2011	RSJ Investments prize for the best master thesis in probability and statisti	CS		
2010, 2012	Best student talk, ROBUST workshop, Czech Rep. (awarded twice)			
seiected invite	l talks (plenaries in bold)	IV		
2024 Lu	nd University, Sweden (statistics seminar, planned)			
2024 RS	S International Conference, Brighton, UK (planned)			
2024 Be	Bernoulli-IMS World Congress in Probability and Statistics, Bochum, Germany (planned			
2024 IC	ORS Conference on Robust Statistics, Fairfax, US (planned)			
2024 We	Workshop on Functional Data Analysis, Copenhagen, Denmark			
	ebra Colloquium, Charles University, Prague, Czech Rep.			
	CIM Conference on Computational and Methodological Statistics, Berlin, Germ	nanv		
	SEC Business School, Paris (statistics seminar)			
	Dortmund, Germany (statistics seminar)			
	rkshop on Statistics and Data Analysis, Chrastice, Czech Republic			
	versidad Autónoma de Madrid, Spain (statistics seminar)			
202 0 01.	versidad Autonoma de Madrid, Spani (Statistics seminar)			
2023 CC	MPSTAT Conference on Computational Statistics, London, UK			
2023 CO 2023 Eu	MPSTAT Conference on Computational Statistics, London, UK ropean Meeting of Statisticians, Warsaw, Poland			
2023 CC 2023 Eu 2023 I 3	MPSTAT Conference on Computational Statistics, London, UK ropean Meeting of Statisticians, Warsaw, Poland oint Workshop on FDA and Nonpar. Stat., Miraflores de la Sierra, Spain			
2023 CC 2023 Eu 2023 I 3 2022 Ur	MPSTAT Conference on Computational Statistics, London, UK ropean Meeting of Statisticians, Warsaw, Poland oint Workshop on FDA and Nonpar. Stat., Miraflores de la Sierra, Spain versité Libre de Bruxelles, Belgium (statistics seminar)			
2023 CO 2023 Eu 2023 I 3 2022 Ur 2022 EF	MPSTAT Conference on Computational Statistics, London, UK ropean Meeting of Statisticians, Warsaw, Poland oint Workshop on FDA and Nonpar. Stat., Miraflores de la Sierra, Spain versité Libre de Bruxelles, Belgium (statistics seminar) FL Lausanne, Switzerland (statistics seminar)			
2023 CO 2023 Eu 2023 I 3 2022 Ur 2022 EF 2022 Yo	MPSTAT Conference on Computational Statistics, London, UK ropean Meeting of Statisticians, Warsaw, Poland roint Workshop on FDA and Nonpar. Stat., Miraflores de la Sierra, Spain versité Libre de Bruxelles, Belgium (statistics seminar) FL Lausanne, Switzerland (statistics seminar) IngStatS webinar, YouTube stream			
2023 CO 2023 Eu 2023 I 2022 Ur 2022 EF 2022 Yo 2022 Sta	MPSTAT Conference on Computational Statistics, London, UK ropean Meeting of Statisticians, Warsaw, Poland oint Workshop on FDA and Nonpar. Stat., Miraflores de la Sierra, Spain versité Libre de Bruxelles, Belgium (statistics seminar) FL Lausanne, Switzerland (statistics seminar) angStatS webinar, YouTube stream t of ML, Prague, Czechia			
2023 CO 2023 Eu 2023 I C 2022 Ur 2022 EF 2022 Yo 2022 Sta 2022 CO	MPSTAT Conference on Computational Statistics, London, UK ropean Meeting of Statisticians, Warsaw, Poland oint Workshop on FDA and Nonpar. Stat., Miraflores de la Sierra, Spain versité Libre de Bruxelles, Belgium (statistics seminar) FL Lausanne, Switzerland (statistics seminar) ungStatS webinar, YouTube stream tof ML, Prague, Czechia MPSTAT Conference on Computational Statistics, Bologna, Italy			
2023 CO 2023 Eu 2023 I C 2022 Ur 2022 EF 2022 Yo 2022 Sta 2022 CO	MPSTAT Conference on Computational Statistics, London, UK ropean Meeting of Statisticians, Warsaw, Poland oint Workshop on FDA and Nonpar. Stat., Miraflores de la Sierra, Spain versité Libre de Bruxelles, Belgium (statistics seminar) FL Lausanne, Switzerland (statistics seminar) angStatS webinar, YouTube stream t of ML, Prague, Czechia			
2023 CO 2023 Eu 2023 I 3 2022 Ur 2022 EF 2022 Yo 2022 Sta 2022 CO 2022 Int	MPSTAT Conference on Computational Statistics, London, UK ropean Meeting of Statisticians, Warsaw, Poland oint Workshop on FDA and Nonpar. Stat., Miraflores de la Sierra, Spain versité Libre de Bruxelles, Belgium (statistics seminar) FL Lausanne, Switzerland (statistics seminar) ungStatS webinar, YouTube stream tof ML, Prague, Czechia MPSTAT Conference on Computational Statistics, Bologna, Italy . Symposium on Nonparametric Statistics, Paphos, Cyprus			
2023 CO 2023 Eu 2023 I C 2022 Ur 2022 EF 2022 Yo 2022 Sta 2022 CO 2022 Int 2022 Le	MPSTAT Conference on Computational Statistics, London, UK ropean Meeting of Statisticians, Warsaw, Poland oint Workshop on FDA and Nonpar. Stat., Miraflores de la Sierra, Spain versité Libre de Bruxelles, Belgium (statistics seminar) FL Lausanne, Switzerland (statistics seminar) ungStatS webinar, YouTube stream tof ML, Prague, Czechia MPSTAT Conference on Computational Statistics, Bologna, Italy			
2023 CO 2023 Eu 2023 I 3 2022 Ur 2022 EF 2022 Yo 2022 Sta 2022 CO 2022 Int 2022 Le 2022 Co	MPSTAT Conference on Computational Statistics, London, UK ropean Meeting of Statisticians, Warsaw, Poland oint Workshop on FDA and Nonpar. Stat., Miraflores de la Sierra, Spain versité Libre de Bruxelles, Belgium (statistics seminar) FL Lausanne, Switzerland (statistics seminar) angStatS webinar, YouTube stream t of ML, Prague, Czechia MPSTAT Conference on Computational Statistics, Bologna, Italy . Symposium on Nonparametric Statistics, Paphos, Cyprus 53èmes Journées de Statistique, Lyon, France afference of Czech Mathematicians, Ostrava, Czechia			
2023 CO 2023 Eu 2023 I C 2022 Ur 2022 EF 2022 Yo 2022 Sta 2022 CO 2022 Int 2022 Le 2022 Co 2021 CM	MPSTAT Conference on Computational Statistics, London, UK ropean Meeting of Statisticians, Warsaw, Poland oint Workshop on FDA and Nonpar. Stat., Miraflores de la Sierra, Spain versité Libre de Bruxelles, Belgium (statistics seminar) FL Lausanne, Switzerland (statistics seminar) angStatS webinar, YouTube stream t of ML, Prague, Czechia MPSTAT Conference on Computational Statistics, Bologna, Italy . Symposium on Nonparametric Statistics, Paphos, Cyprus 53èmes Journées de Statistique, Lyon, France afference of Czech Mathematicians, Ostrava, Czechia Statistics 2021, London, UK			
2023 CO 2023 Eu 2023 I C 2022 Ur 2022 EF 2022 Yo 2022 Sta 2022 Int 2022 Le 2022 CO 2021 CM 2021 Ne	MPSTAT Conference on Computational Statistics, London, UK ropean Meeting of Statisticians, Warsaw, Poland oint Workshop on FDA and Nonpar. Stat., Miraflores de la Sierra, Spain versité Libre de Bruxelles, Belgium (statistics seminar) FL Lausanne, Switzerland (statistics seminar) ungStatS webinar, YouTube stream t of ML, Prague, Czechia MPSTAT Conference on Computational Statistics, Bologna, Italy . Symposium on Nonparametric Statistics, Paphos, Cyprus 53èmes Journées de Statistique, Lyon, France uference of Czech Mathematicians, Ostrava, Czechia Estatistics 2021, London, UK v Bridges between Mathematics and Data Science, Valladolid, Spain			
2023 CO 2023 Eu 2023 I C 2022 Ur 2022 EF 2022 Yo 2022 Sta 2022 Int 2022 Le 2022 Co 2021 CM 2021 Ne 2021 Sta	MPSTAT Conference on Computational Statistics, London, UK ropean Meeting of Statisticians, Warsaw, Poland oint Workshop on FDA and Nonpar. Stat., Miraflores de la Sierra, Spain versité Libre de Bruxelles, Belgium (statistics seminar) FL Lausanne, Switzerland (statistics seminar) angStatS webinar, YouTube stream t of ML, Prague, Czechia MPSTAT Conference on Computational Statistics, Bologna, Italy . Symposium on Nonparametric Statistics, Paphos, Cyprus 53èmes Journées de Statistique, Lyon, France afference of Czech Mathematicians, Ostrava, Czechia Statistics 2021, London, UK			

2021	inti. Workshop on Functional and Operatorial Statistics, Brno, Czechia
2021	Imperial College London, UK (statistics seminar)
2021	High dimensional measures: Geometric and probabilistic aspects, Bonn, Germany
2021	Universidad Carlos III de Madrid, Spain (statistics seminar)
2020	ENSAE Paris, France (mathematics seminar)
2019	Aalto University, Helsinki, Finland (mathematics seminar)
2019	CLADAG Meeting of the Classification and Data Analysis Group, Cassino, Italy
2019	III Intl. Workshop on Advances in Functional Data Analysis, Castro Urdiales, Spain
2019	CRoNoS Workshop on Multivariate Data Analysis, Limassol, Cyprus
2018	ERCIM Conference on Computational and Methodological Statistics, Pisa, Italy
2018	CRoNoS Workshop on Functional Data Analysis, Iaşi, Romania
2018	Czech Technical University, Prague, Czech Republic (mathematics seminar)
2018	Workshop on Data Analysis, Kunčice, Czech Republic
2018	Humboldt-Universität zu Berlin, Germany (mathematical statistics seminar)
2018	Workshop on Statistical Depths and Functional Data Analysis, Helsinki, Finland
2018	Masaryk University, Brno, Czech Republic (applied mathematics seminar)
2018	Matej Bel University, Banská Bystrica, Slovakia (mathematics seminar)
2018	Workshop on statistical depths and functional data analysis, Aalto University, Helsinki, Finland
2017	ERCIM Conference on Computational and Methodological Statistics, London, UK
2017	Conference of Slovak Mathematicians, Jasná pod Chopkom, Slovakia
2017	Charles University, Prague, Czech Republic (Noon seminar, Department of Applied Mathematics)
2016	CRoNoS Workshop on Functional Data Analysis, Oviedo, Spain
2016	Charles University, Prague, Czech Republic (statistics seminar)
2016	Workshop on Functional Data Analysis, Les Diablerets, Switzerland
2016	Comenius University, Bratislava, Slovakia (mathematics seminar)
2016	Université Toulouse, France (statistics seminar, Toulouse Mathematics Institute)
2016	Universität Mannheim, Germany (statistics seminar)
2016	Spring School Structural Inference, Brodten, Germany
2016	Oberwolfach Workshop New Developments in Functional and Highly Multivariate
	Statistical Methodology, Oberwolfach, Germany
2014	COMPSTAT Conference on Computational Statistics, Geneva, Switzerland

CLADAG Meeting of the Classification and Data Analysis Group, Florence, Italy

Other professional service

2021

V

- Peer reviewer for most of the major journals in statistics (96 reviews for 37 journals since 2014)
- Organiser of invited sessions at international conferences (CRoNoS 2018 and 2019)
- Scientific committee member at international conferences (Austrian Statistical Days 2024, PROBASTAT 2024, IWFOS 2025)
- (Co)-Editor of three books of conference proceedings (IWSM 2012 vols. I and II, EYSM 2015)
- Ph.D. defence committee member
 - Sara Armaut (Université Côte d'Azur, Nice, France, 2024)
 - Carlos Ramos-Carreño (Universidad Autónoma de Madrid, Spain, 2023)
 - Dimitri Konen (*Université libre de Bruxelles*, 2022)
 - Antonio Elías-Fernandez (Universidad Carlos III de Madrid, Spain, 2020)
- Supervisor of a thesis awarded by the Prize of the dean of the Faculty of Mathematics and Physics at CU
 - Mendroš, E. (2023). Simplicial depth. Charles University. 48 pp. Prize for the best bachelor's thesis in Mathematics.

Supervision of theses awarded by the RSJ prize for best master theses of the Department of Probability and Math. Statistics of CU

- Brabenec, T. (2021). Depth of variance matrices. Charles University. 83 pp. First prize.
- Říha, A. (2021). Symmetry of random vectors. Charles University. 58 pp. Third prize.
- Ranošová, H. (2023). α-symmetric measures. Charles University. 87 pp. First prize.

Supervision of theses awarded by the Josef Štěpán prize for best bachelor theses of the Department of Probability and Math. Statistics of CU

- Říha, A. (2019). Halfspace median. Charles University. 27 pp.
- Hendrych, F. (2020). Zonoids of measures and applications. Charles University. 51 pp.
- Ranošová, H. (2021). Spherically symmetric measures. Charles University. 45 pp.
- Bočinec, F. (2022). Anderson's theorem. Charles University. 42 pp.
- Mendroš, E. (2023). Simplicial depth. Charles University. 48 pp.

Supervision of student research works awarded in the annual Competition for Czech and Slovak university students in mathematical research (SVO \check{C})

- Hendrych, F. (2021). Relation of weak convergence of measures and the convergence of their lift zonoids in Hausdorff distance. *Charles University*. 38 pp. Second prize.
- Bočinec, F. (2023). Conditions for equality in Anderson's theorem. Charles University. 21 pp. Second prize.