Curriculum Vitae

Personal information

First name(s) / Surname(s)	**Georgi Nalbantov**
E-mail	gnalbantov@deloittece.com
Nationality	Bulgarian
Date of birth	17.06.1977
Gender	Male

Desired employment	**Statistician** ***Job ID: 42087***

Work experience

Dates	May 2014 – current
Occupation or position held	Manager Business Analytics
Main activities and responsibilities	- Data analytics, knowledge discovery in databases, predictive modelling, forecasting, applied economics, finance and marketing, segmentation analysis - Business Development - Organization and management of the Knowledge Academy for staff professional development - Participation in cross-border engagements - Project management - Hiring and coaching
Name and address of employer	Deloitte Bulgaria Ltd., Blvd Al. Stambolijski 103, 1303 Sofia, Bulgaria
Type of business or sector	Consulting

Dates	May 2007 – Sept 2013
Occupation or position held	Head of Research
Main activities and responsibilities	- Lead the financial forecasting research of the fund, being the head of a team of 5 data-analysis specialists and programmers - Responsible for the overall research and forecasting strategy of the fund - Invention and implementation into the work process of new data mining algorithms - Invention and implementation of new research lines - Invention and implementation of forecasting models for financial rotation strategies applied to trading Exchange Traded Funds (ETFs) - Invention and implementation of portfolio allocation strategies for minimizing the fund's portfolio risk and maximising profitability - Responsible for the design and implementation of all trading strategies of the fund - Participate in meetings with (potential) investors - Staff recruitment and coaching
Name and address of employer	Alpha Quant Partners LLP, 60 Lombard Street, London, EC3V 9EA
Type of business or sector	Financial

Dates	Sept 2010 onwards
Occupation or position held	Senior Research Scientist
Main activities and responsibilities	- perform advanced statistical data analysis of clinical data, including demographic patient data, tumor-related data, radiotherapy dose data, imaging data and gene expression data - build statistical models to predict oncological outcomes (survival and side effects) - build a distributed learning system for extracting medical knowledge from 5 oncology clinics in 3 countries linked in a federated database (www.eurocat.info) - initiate and assist in the preparation of clinical trials (currently initiating 2 and participating in 1) - initiate and assist in the preparation of grant applications - derive clinical data from electronic medical databases and systems - publish academic articles and make presentations at academic conferences - co-inventor of a patent for advanced analysis of DNA sequences for radiotherapy side effects - co-organizer of commercial course "Introduction to data mining" (together with the Dept. of Knowledge Engineering, Maastricht University, The Netherlands), https://project.dke.maastrichtuniversity.nl/datamining/ - Assist in the development and design of a web site for clinical shared decision making (www.treatmentchoice.info) - supervision and co-ordination of internships
Name and address of employer	Department of Radiation Oncology (MAASTRO), Maastricht University Medical Centre+, Maastricht, Dr. Tanslaan 12, 6229 ET, The Netherlands
Type of business or sector	Medical Sector, Oncology, Radiotherapy
Dates	May 2008 – Sept 2010
Occupation or position held	Post-doctoral researcher
Main activities and responsibilities	- publish articles in academic journals - lecturer and coordinator of the Machine Learning course for master students in Artificial Intelligence - assist in the preparation and attraction of commercial projects requiring advanced data mining - master theses supervisor of more than 20 students - reviewer for scientific journals, including Econometric Reviews, International Journal of Forecasting, and Psychometrika; member of scientific program committees - co-organizer of the annual commercial Summer School on Data Mining
Name and address of employer	Department of Knowledge Engineering, Maastricht University, Bouillonstraat 8, 6211 LH Maastricht, The Netherlands
Type of business or sector	University
Dates	Feb 2004 – April 2008
Occupation or position held	PhD candidate
Main activities and responsibilities	- publish articles in academic journals - lecturer for statistical and econometric courses on bachelor and masters level - make presentations at academic conferences - Final thesis: "Essays on Recent Penalization Methods with Application in Finance and Marketing"
Name and address of employer	Econometric Institute, Erasmus University Rotterdam, Burg. Oudlaan 50, 3062 PA Rotterdam, The Netherlands
Type of business or sector	University
Dates	Feb 2003 – Sept 2003
Occupation or position held	Internship
Main activities and responsibilities	- assist in preparing marketing, financial and business projects - summarize and distribute results of opinion research polls to leading magazines and newspapers in Europe (such as Wall Street Journal Europe and The Economist) - build and maintain part of the company's web site
Name and address of employer	Praaning Meines Consultancy Group, Franklinstraat 108, 1000 Brussels, Belgium
Type of business or sector	Consultancy, lobbying

Education

Dates	Jan 2007 – April 2007
Type of education/training	Academic research visit at the Statistical Dept. of Stanford University
Principal subjects/occupational skills covered	- followed 2 courses: "Statistical Learning and Data Mining" and "Introduction to the bootstrap" - participated in statistical and medical seminars on data analysis
Name and type of organisation providing education and training	Stanford University, Palo Alto, USA
Dates	Sept 2000 – Dec 2000
Title of qualification awarded	Exchange student
Principal subjects/occupational skills covered	International Economic Studies and Finance
Name and type of organisation providing education and training	University of Western Ontario, London, Canada
Dates	1998 - 2003
Title of qualification awarded	Master degree in Economics
Principal subjects/occupational skills covered	International Economic Studies
Name and type of organisation providing education and training	Maastricht University, The Netherlands
Dates	Jan 1998 – June 1998
Title of qualification awarded	Exchange student
Principal subjects/occupational skills covered	International Business
Name and type of organisation providing education and training	Utrecht University, Utrecht, The Netherlands
Dates	1996 - 1998
Title of qualification awarded	Bachelor degree in Economics
Principal subjects/occupational skills covered	Economics
Name and type of organisation providing education and training	Sofia University, Bulgaria

Projects

2010 onwards	*EuroCAT: a multi-million transborder EU Interreg IV Euregio project for learning from, consolidating databases and integrating clinical ontologies of several oncology clinics from EU-regio Maas-Rhein*. Web site: www.eurocat.info
2010 onwards	*Virtual Patient: bringing multiple modalities of different patients onto a common reference.* MAASTRO clinic, GROW-Dept. of Radiation Oncology, Maastricht, The Netherlands.
2010 onwards	*In vitro methods for determining the risk of developing post-treatment radiation-induced lung toxicity for lung cancer patients based on mitochondrial DNA analysis.* MAASTRO clinic, GROW-Dept. of Radiation Oncology, Maastricht, The Netherlands.
2010 onwards	*Analysis of normal tissue radiation sensitivity by means of emanated volatile organic compounds*. MAASTRO clinic, GROW-Dept. of Radiation Oncology, Maastricht, The Netherlands.
2009	*Sensor Techniques for Pattern Recognition in the Natural Resources Industry*, with Excavation and Mining Equipment Group, RWTH Aachen University, Germany.
2009	*Intelligent Coal Mining Automation Project*, with Eickhoff Corporation and the Excavation and Mining Equipment Group, RWTH Aachen University, Germany.
2009	*Reliable Classifiers for Children Hospitalization* research project, with Medical Faculty,Leuven University, Belgium.
2008	*Clustering of Disease Co-occurrence in the RNH Database* research project, with Medical Faculty, HAG, Maastricht University, The Netherlands.

Patents

2012 — *In vitro method for determining the risk of developing radiation induced lung toxicity based on mitochondrial DNA analysis*; co-inventor. Patent number 12160154.6-2402.

Awards

2009 — *Classification Society Distinguished Dissertation Award* (Silver medal) by the Classification Society of North America for my PhD dissertation, St. Louis, USA.

2006 — *Chikio Hayashi Award* by the International Federation of Classification Societies (IFCS) at the annual meeting in Slovenia.

Grants

2012 — *Technology Transfer Grant* provided by the European Society for Radiotherapy and Oncology (ESTRO) for transborder cooperation with Dept. of Radiotherapy of Ghent University Hospital.

2007 — *Research grant* for a one-semester visit at the Statistical Dept. of Stanford University, USA, provided by the Trust Funds, Erasmus University Rotterdam, The Netherlands.

1998 — TEMPUS exchange-student grant, Utrecht University, The Netherlands.

Skills

Organisational skills and competences

- attract partners for participation in common grant applications on national and European level
- initiate clinical trials and studies
- organizer of research workshops
- co-organizer of commercial data-mining course (>10 years)
- co-chairing of weekly research meetings
- supervision of interns (>10)
- supervision of master students for their final theses (>15)

Computer /Technical skills and competences

- experienced with data analysis software: Matlab, SPSS, Weka, EViews
- experienced with extracting and post-processing data from multiple databases (Electronic Medical Databases, Aria/Lantis patient record and verify systems)
- quality control on data retrieved from (medical) databases
- works with database management tools: TOAD, MS Access; SQL
- basic C++, Java
- web site design with Microsoft FrontPage; basic HTML
- experienced with Microsoft Office (incl. Excel with VBA), LaTeX
- basic Android applications development
- Co-author of a software package in R: “SVMmaj”

Analytical /Research skills

- *Classification and regression pattern recognition methods*: e.g. Support Vector Machines, Support Vector Regressions, Decision Trees, Random Forests, Classification and Regression Trees (CART), Neural Networks (NN), LASSO, ridge regression, Bayesian Networks, Discrininant Analysis, Logistic Regression, as well inventor of novel methods: Support Hyperplanes, Nearest Convex Hull Classification, Soft Nearest Neighbour
- *Multi-centric privacy-preserving distributed learning* (applied to multi-centric medical data)
- *Econometric/Financial techniques for time-series / sequential-data analysis*: e.g. 3SLS, GARCH, models, panel data analysis
- *Unsupervised methods for data reduction and feature selection*: e.g. Principal Components Analysis (PCA), Categorical PCA, univariate and multivariate feature selection, wrapper approach, embedded methods
- *Clustering techniques*: e.g. k-means, agglomerative and hierarchical clustering, Multi-Dimensional Scaling, Self-Organising Maps
- *Data visualization techniques*: e.g. correspondence analysis, homogeneity analysis

Analytical /Research skills

- *(Biomedical) Image analysis and registration techniques*: e.g. rigid and non-rigid deformation methods
- *Mathematical Optimization* and (basic) *Operations Research* skills
- Survival analysis models (e.g. Cox regression)
- Multi-scale / multi-level modelling, combination of the predictions/forecasts of multiple models (e.g. ensemble learning, stacking), multiple-outcome prediction models
- Financial time-series forecasting, country-risk analysis

Social skills and competences

- *Team work*: I have always worked in international research teams and participated in projects and grant applications requiring both national and international cooperation
- *Mediating skills*: I have worked with colleagues from various backgrounds – from medical doctors to computer scientists – and have managed to bridge the gaps in understanding each other's perspectives
- *Intercultural skills*: I am experienced at working with colleagues from various nationalities in activities such as preparing projects, writing academic articles and organizing courses.

Languages

Mother tongue(s): Bulgarian

Other language(s)

Self-assessment	Understanding		Speaking		Writing
European level (*)	Listening	Reading	Spoken interaction	Spoken production	
English	Proficient	Proficient	Proficient	Proficient	Proficient
German	Intermediate	Intermediate	Intermediate	Basic	Basic
Dutch	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate
Russian	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate

Certificates

- Cambridge Certificate of Proficiency Level of English as a Foreign Language

Personal interests: enjoys playing the piano and the guitar; loves travelling

Driving licence: Yes

Publications

Georgi Nalbantov, Bas Kietselaer, Katrien Vandecasteeled, Cary Oberije, Maaike Berbee, Esther Troost, Anne-Marie Dingemans, Angela van Baardwijk, Kim Smits, André Dekker, Johan Bussink, Dirk De Ruysschera, Yolande Lievens, Philippe Lambin (2013). *Cardiac comorbidity is an independent risk factor for radiation-induced lung toxicity in lung cancer patients*, Radiotherapy and Oncology (in press)

Hua Zhang, Evgueni Smirnov, Nikolay Nikolaev, Georgi Nalbantov, Ralf Peeters (2013). *An Ensemble Approach to Combining Expert Opinions*. European Conference on Machine Learning (accepted)

Mihl, C., Joachim Wildberger, T. Jurencak, Michael Yanniello, Estelle Nijssen, John Kalafut, Georgi Nalbantov, Georg Mühlenbruch, Florian Behrendt, Marco Das (2013). *Intravascular Enhancement With Identical Iodine Delivery Rate Using Different Iodine Contrast Media in a Circulation Phantom*. Investigative Radiology vol. 48, pp. 813-818.

Lambin, P., Erik Roelofs, Bart Reymen, Emmanuel Rios Velazquez, Jeroen Buijsen, Catharina M.L. Zegers, Sara Carvalho, Ralph T.H. Leijenaar, Georgi Nalbantov, Cary Oberije, M. Scott Marshall, Frank Hoebers, Esther G.C. Troost, Ruud G.P.M. van Stiphout, Wouter van Elmpt, Trudy van der Weijden, Liesbeth Boersma, Vincenzo Valentini, Andre Dekker (2013). *'Rapid Learning health care in oncology' – An approach towards decision support systems enabling customised radiotherapy*, Radiotherapy and Oncology (in press)

Lambin, P., Ruud G P M van Stiphout, Maud H W Starmans, Emmanuel Rios-Velazquez, Georgi Nalbantov, Hugo J W L Aerts, Erik Roelofs, Wouter van Elmpt, Paul C Boutros, Pierluigi Granone, Vincenzo Valentini, Adrian C Begg, Dirk De Ruysscher, Andre Dekker (2013). *Predicting outcomes in radiation oncology-multifactorial decision support systems*, National Review Clinical Oncology vol. 10, pp. 27-40.

Nalbantov, G.I, P. Groenen and E.N. Smirnov (2012). *A Comparative Analysis of Instance-based Penalization Techniques for Classification*, in Liu J., Smirnov, E.N., Honghua D. (Eds.) Reliable Knowledge Discovery, Studies in Computational Intelligence. Springer-Verlag, Berlin/Heidelberg, pp. 227-238.

Smirnov, E.N, G.I. Nalbantov, and I. Sprinkhuizen-Kuyper (2012). *Combining Version Spaces and Support Vector Machines for Reliable Classification*, in Liu J., Smirnov, E.N., Honghua D. (Eds.) Reliable Knowledge Discovery, Studies in Computational Intelligence. Springer-Verlag, Berlin/Heidelberg, pp.109-126.

Maghsoodi, A., M. Sevenster, M, J. Scholtes and G. Nalbantov (2012). *Automatic Sentence-based Classification of Free-text Breast Cancer Radiology Reports*, in the proceedings of the 25th IEEE International Symposium on Computer-Based Medical System (CBMS 2012), Rome, Italy.

Nalbantov, G. I., A. Dekker, D. De Rysscher, P. Lambin, E. Smirnov (2011), *The combination of clinical, dose-related and imaging features helps predict radiation-induced normal-tissue toxicity in lung-cancer patients*, Proceedings of the 10th International Conference on Machine Learning and Applications (ICMLA 2011), Hawaii, USA, vol. 2, pp. 220-224.

Smirnov, E. N., M. Moed, G.I. Nalbantov, and I. Sprinkhuizen-Kuyper (2011), *Minimally-Sized Balanced Decomposition Schemes for Multi-Class Classification*, in Okun, O., Valentini, G, and Re, M. (Eds.) Ensembles in Machine Learning Applications, Studies in Computational Intelligence, Vol 373, Springer-Verlag, Berlin/Heidelberg, pp.39-58.

Smirnov, E.N., M. Moed, G.I. Nalbantov, and I. Sprinkhuizen-Kuyper (2011). *Voting using Minimally-Sized Decomposition Schemes*, in Proceedings of the Joint ECML/PKDD PASCAL Workshop on Large-Scale Hierarchical Classification, pp.25-37.

Nalbantov, G.I, E. N. Smirnov (2010), *Soft Nearest Convex Hull Classifier*. Proceedings of the 19th European Conference on Artificial Intelligence (ECAI 2010), Lisbon, Portugal, pp. 841-846.

Nalbantov, G.I., P.H. Franses, P. Groenen and J.C. Bioch (2010). *Estimating the Market Share Attraction Model using Support Vector Regressions*. Econometric Reviews, 29(5-6), Taylor and Francis Group, pp. 688-716.

Nalbantov, G., E.N. Smirnov, D.I. Nalbantov, Weiss, K. Nienhaus, M. Warcholik, F. Mavroudis (2010), *Image Mining for Intelligent Autonomous Coal Mining*. Advances in Data Mining. 10th Industrial Conference, ICDM 2010, Berlin, Germany, Poster and Industry Proceedings, pp.17-23.

Smirnov, E., G. Nalbantov, and N, Nikolaev (2010): *k-Version-Space Multi-class Classification Based on k-Consistency Tests*. Proceedings of the European Conference on Machine Learning and Knowledge Discovery in Databases (ECML/PKDD 2010), Barcelona, Spain, LNCS-6323, Springer, pp.277-292.

E.N. Smirnov, N. Nikolaev and G. Nalbantov (2010): *Single-Stacking Conformity Approach to Reliable Classification*. Proceedings of the 14th International Conference in Artificial Intelligence: Methodology, Systems, and Applications (AIMSA 2010), Varna, Bulgaria, pp. 161-170.

Smirnov, E.N., G.I. Nalbantov, and A.M. Kaptein (2009). *Meta-conformity approach to reliable classification*. Intelligent Data Analysis, 13(6), IOS Press, pp. 901-915.

Georgi Nalbantov (2008). *Essays on Some Recent Penalization Methods with Application in Finance and Marketing*, Erasmus University Rotterdam, PhD Dissertation.

Groenen, P.J.F., G.I. Nalbantov, and J.C. Bioch (2008). SVM-Maj: *A Majorization Approach to Linear Support Vector Machines with Different Hinge Errors*. Advances in Data Analysis and Classification, Vol. 2, No. 1, pp. 17-43.

Smirnov, E., N. Nikolaev and G. Nalbantov (2008). *Description Identification and the Consistency Problem*, In: M. Bramner, F. Coenen and M. Petridis (Eds.), Research and Development in Intelligent Systems XXV, Proceedings of AI-2008 Conference, Cambridge, Springer, pp. 61-74.

Nalbantov, G.I., J.C. Bioch, and P.J.F. Groenen (2006). *Classification with Support Hyperplanes*. In Johannes Fürnkranz, Tobias Scheffer, and Myra Spiliopoulou (Eds.), Proceedings of the 17th European Conference on Machine Learning (ECML), Berlin, Germany, Springer, pp. 703–710.

Nalbantov, G.I., R. Bauer, and I.G. Sprinkhuizen-Kuyper (2006). *Equity Style Timing using Support Vector Regressions*. Journal of Applied Financial Economics, Vol.16, No.15, pp. 1095-1111.

Groenen, P.J.F., G.I. Nalbantov, and J.C. Bioch (2006). *Nonlinear Support Vector Machines through Iterative Majorization and I-Splines*. In Reinhold Decker and Hans -J. Lenz (Eds.), Advances in Data Analysis: Proceedings of the 30th Annual Conference of the German Classification Society (GFKL), Berlin, Germany, Springer, pp. 149-161.

Smirnov, E.N., I.G. Sprinkhuizen-Kuyper, G.I. Nalbantov, and S. Vanderlooy (2006). *Version Space Support Vector Machines*. In G. Brewka, S. Coradeschi, A. Perini, and P. Traverso (Eds.), Proceedings of the 17th European Conference on Artificial Intelligence (ECAI 2006), Riva del Garda, Italy, IOS Press, Amsterdam, The Netherlands, pp. 809-810.

Nalbantov, G.I., P.J.F. Groenen, and J.C. Bioch (2005). *Solving and Interpreting Binary Classification Problems in Marketing with Support Vector Machines*. In Myra Spiliopoulou, Rudolf Kruse, Christian Borgelt, Andreas Nürnberger and Wolfgang Gaul (Eds.), From Data and Information Analysis to Knowledge Engineering: Proceedings of the 29th Annual Conference of the German Classification Society (GFKL), Magdeburg, Germany, Springer , pp. 566-573.

Sprinkhuizen-Kuyper, I.G., E.N. Smirnov, and G.I. Nalbantov (2005). *Reliability Yields Information Gain*. In M. van Otterlo, M. Poel and A. Nijholt (Eds.), BENELEARN 2005: Proceedings of the 14th Annual Machine Learning Conference of Belgium and The Netherlands, Enschede, University of Twente. ISSN: 0929, CTIT Workshop Proceeding Series WP05-05, pp. 89-96.

Smirnov, E.N., I.G. Sprinkhuizen-Kuyper, and G.I. Nalbantov (2004). *Unanimous Voting using Support Vector Machines*. In R. Verbrugge, N. Taatgen and L. Schomaker (Eds.), BNAIC 2004: Proceedings of the 16th Belgium-Netherlands Conference on Artificial Intelligence, Groningen. ISSN: 1568-7805, pp. 43-50.

Invited talks

Oct 2013	*Big Data and Distributed Learning*. Big Data symposium at the Service Science Factory, Maastricht University, The Netherlands.
April 2013	*Heart irradiation and comorbidity correlates with lung toxicity after (chemo)radiotherapy*. 2nd ESTRO Forum, Geneva, Switzerland.
Dec 2012	*Reliable Prediction of Survival of Cancer Patients using Multi-Centric Distributed Learning*. Workshop on Reliability Issues in Knowledge Discovery (RIKD) at the IEEE International Conference on Data Mining (ICDM 2012), Brussels, Belgium.
Nov 2012	*Multi-centric learning from medical data.* Allan Turing Institute (ATIA) conference on Application of Artificial Intelligence in Medicine, Almere, The Netherlands.
April 2012	*Challenges in Medical Data Mining*. Dept. of Epidemiology, Maastricht University.
Feb. 2012	*Kernel methods for medical data analysis.* Dept. of Toxicogenomics, Maastricht University.

Dec 2011	*Introduction to Data Mining for Oncologists*. Department of Radiotherapy, Ghent University Hospital, Ghent, Belgium.
Oct 2011	*Data integration based on similarity matrices*. Dept. of electrical engineering and computer science, University of Liège, Belgium.
Nov 2010	*One-class Support Vector Machines for Clustering*. Institute for Informatics, Rostock University, Germany.
Sept 2010	*Visualization and analysis of medical data using homogeneity analysis*. Faculty of Medicine, K.U.Leuven, Belgium.
June 2010	*Learning Tasks for Data Mining and Applications*, three lectures at the SIKS Basic course "Combinatory Methods", Best, The Netherlands.
May 2010	*Brain Mining*, presentation at the Maastricht Brain Imaging Center (MBIC), Maastricht University.
May 2010	*Analysing Scientific Data*, presentation at MAASTRO oncology clinic, Maastricht, The Netherlands.
April 2010	*Analysing FOREX Data with Data Mining Tools*, presentation for Teramark Technologies, Department of Knowledge Engineering, Maastricht University.
June 2009	*Recent Penalization Techniques and their Application in Finance and Marketing*, Annual meeting of the North American Classification Society, St. Louis, USA.
Jan 2009	*Playing with Data using Data Analysis Techniques*, Dies Natalis, Maastricht University, The Netherlands.
Nov 2007	*Support Vector Regressions for Marketing Tasks*, Tinbergen Institute, Rotterdam, The Netherlands.
May 2007	*Introduction to Support Vector Regressions*, HSBC bank, London, UK.
April 2005	*Support Vector Regressions and their Application in Economics*, Annual meeting of the Dutch-Belgian Classification Society (VOC), Leiden, The Netherlands.
Mar 2005	*Forecasting Financial Time Series with Support Vector Regressions*, Hansa Bank, Tallinn, Estonia.
Nov 2004	*Support Vector Machines for Classification*, Econometric Institute Seminar series, Econometric Institute, Erasmus University Rotterdam, The Netherlands.
Aug 2002	*Introduction to Support Vector Machines*, ABP pension fund, Amsterdam, The Netherlands.

Conference presentations

April 2013	*Cardiac comorbidity is a risk factor for radiation induced lung toxicity of lung cancer patients.* 2nd ESTRO Forum, Geneva, Switzerland. G. Nalbantov, B. Kietselaer, C. Oberije, E. Troost, H. Sharifi, A. van Baardwijk, R. Wanders, K. Smits, A. Dekker, P. Lambin
April 2013	*Multi-centric learning with a federated IT infrastructure: application to 2-year lung-cancer survival prediction*. 2nd ESTRO Forum, Geneva, Switzerland. G. Nalbantov , A. Dekker, C. Oberije, W. Wiessler, M. Eble, W. Dries, L. Janvary, P. Bulens, B. Krishnapuram, P. Lambin
April 2013	*A prospective study to compare doctor versus model predictions for outcome in lung cancer patients: pick the winner!* 2nd ESTRO Forum, Geneva, Switzerland. C. Oberije, G. Nalbantov, A. Dekker, B. Reymen, A. Baardwijk van, R. Wanders, D. De Ruysscher, E.W. Steyerberg, P. Lambin
April 2013	*CT based quantification of radiation induced lung damage (RILD) and the interaction with chemotherapy and cetuximab.* 2nd ESTRO Forum, Geneva, Switzerland. H. Sharifi, W. van Elmpt, G. Nalbantov, M. Das, P. Lambin, D. De Ruysscher
April 2013	*Privacy-preserving, multi-centric machine learning across hospitals and countries: does it work?* 2nd ESTRO Forum, Geneva, Switzerland. W. Wiessler (Germany), A. Dekker, G. Nalbantov, C. Oberije, M. Eble, W. Dries, L. Janvary, P. Bulens, B. Krishnapuram, P. Lambin
April 2013	*Relations between increased SUVmax in esophagus during radiotherapy treatment and dysphagia* 2nd ESTRO Forum, Geneva, Switzerland. B. Marquier, G. Nalbantov, W. Van Elmpt, B. Reymen, E. Troost, P. Lambin
May 2012	*Irradiation of the left ventricle of the heart is correlated with post-treatment dyspnea in Non-Small Cell Lung Cancer patients*. ESTRO 2012 conference in Barcelona, Spain. G. Nalbantov, D. De Ruysscher, K. Vandecasteele, A. Gulyban, W. De Neve, A. Dekker, B. Hanbeukers, C. Oberije, P. Lambin.
May 2012	*Development of a practical prediction model for overall survival from stage III lung cancer*. ESTRO 2012 conference in Barcelona, Spain. P. Lambin, C. Oberije (The Netherlands), R. Houben, D. De Ruysscher, G. Nalbantov.
July 2011	*Virtual Patients: bringing different imaging modalities of different patients to a common modality: an in-silico trial to predict Radiation-Induced Lung Toxicity*. World Conference on Lung Cancer (WCLC) in Amsterdam, The Netherlands.

July 2011	*Combining multiple models for better prediction of esophagitis*, World Conference on Lung Cancer (WCLC) in Amsterdam, The Netherlands.
Nov. 2010	*The SVMMaj majorization algorithm for Support Vector Machines with and without kernels*, 3rd International Conference of the ERCIM (European Research Consortium for Informatics and Mathematics). P. Groenen, G. Nalbantov, H. Yip.
July 2008	*Support Vector Machines in the Dual using Majorization and Kernels*, Annual meeting of the German Classification Society (Gfkl), Germany.
June 2007	*Using Correspondence Analysis to Visualize and Compare the Performance of Classification Techniques*, International Conference on Correspondence Analysis and Related Methods (CARME'07), The Netherlands.
Sept 2006	*Classification with Support Hyperplanes*, European Conference on Machine Learning (ECML'06), Germany.
Aug 2006	*Version Space Support Vector Machines*, European Conference on Artificial Intelligence (ECAI'06), Italy.
Aug. 2006	*The Nearest Convex Hulls Classifier*, Annual meeting of the International Federation of Classification Societies (IFCS), Slovenia.
Mar 2006	*Nonlinear Support Vector Machines Through Iterative Majorization and I-Splines*, Annual meeting of the German Classification Society (Gfkl), Germany.
Dec 2005	*Reliable Instance Classification with Version Spaces*, International Conference on Innovative techniques and Applications of Artificial Intelligence (SGAI'05), Cambridge, UK.
Mar 2005	*Applying Support Vector Machines in Marketing*, Annual meeting of the German Classification Society (Gfkl), Germany.
Sept 2004	*Short-Term Value-Growth Rotation using Support Vector Machines*, European Conference on Machine Learning (ECML'04), Italy.
June 2004	*Support Vector Machines for Classification*, Dutch-Belgian Classification Society (VOC), Leiden, The Netherlands.
May 2004	*Support Vector Machines in Marketing*, International Marketing Science Conference (INFORMS'04), The Netherlands.

References

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