

CURRICULUM VITAE

Michael LeBlanc, Ph.D.

Current Address: Fred Hutchinson Cancer Research Center
SWOG (Southwest Oncology Group) Statistical Center
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Education: Simon Fraser University, B.Sc. (Mathematics), 1983
University of Waterloo, M.Math. (Statistics), 1984
University of Washington, Ph.D. (Biostatistics), 1989

Positions:

Post-doctoral Fellow, University of Washington and Fred Hutchinson Cancer Research Center, 1989-90.
Assistant Professor, Department of Preventive Medicine and Biostatistics, University of Toronto, 1990-94.
Associate Member of the School of Graduate Studies, University of Toronto, 1991-94.
Assistant Professor, Department of Statistics, University of Toronto (cross appointment), 1992-94.
Assistant Member, Fred Hutchinson Cancer Research Center, 1995-96.
Research Assistant Professor, Department of Biostatistics, University of Washington, 1995-97.
Associate Member, Fred Hutchinson Cancer Research Center, 1996-2001.
Research Associate Professor, Department of Biostatistics, University of Washington, 1997-2002.
Member, Fred Hutchinson Cancer Research Center, 2001- present.
Research Professor, Department of Biostatistics, University of Washington, 2002-present.
Group Statistician and Director of Statistical Center, Southwest Oncology Group, 2012-present.

Honors:

Simon Fraser University Open Scholarships, 1978-81.
School of Public Health Tuition Scholarship, 1986-88.
Donovan Thompson Award for outstanding achievement in the qualifying examinations of the Biostatistics program, University of Washington, 1986.
Natural Science and Engineering Research Council Postgraduate Scholarship, 1985-88.
Best Paper in the Canadian Journal of Statistics, 1995.

Professional Activities:

Referee:

Journal of the American Statistical Association,
Biometrics,
Biometrika,
Canadian Journal of Statistics,
Cancer and Epidemiology,
Journal of Clinical Oncology,
Medical and Pediatric Oncology,
Journal of the Royal Statistical Society,

Annals of Statistics,
 Journal of Artificial Intelligence Research,
 Statistics in Medicine,
 Data Mining and Knowledge Discovery,
 Journal of the National Cancer Institute,
 Journal of Physiological Genomics,
 Blood,
 Genetic Epidemiology,
 Head and Neck
 Journal of Computational and Graphical Statistics,
 Risk Analysis,
 Clinical Cancer Research,
 Sankhya,
 Central European Journal of Biology,
 Computational Statistics and Data Analysis,
 Proceedings of the National Academy of Sciences.

Reviewer:

National Cancer Institute, NIH,
 Mathematics Sciences Program—American Mathematical Society,
 Natural Sciences and Engineering Research Council of Canada,
 Medical Research Council of Canada,
 Canadian Society of Epidemiology and Biostatistics,
 Springer-Verlag,
 Chapman Hall.

Editor:

Section Editor (Biostatistics), AACR: Clinical Cancer Research, 2010-present.
 Guest Editor, Computational Statistics and Data Analysis, Special issue: Computational Statistics for
 Clinical Research, 2011.
 Associate Editor, Sankhya, 2011-present.

University and Fred Hutchinson Cancer Research Center Committees:

MRC self-managed discussion group for young investigators, University of Toronto, 1992.
 Departmental committee for input to the Leyerle Commission, Department of Preventive Medicine and
 Biostatistics University of Toronto, 1992-93.
 Member of computer committee, Department of Statistics, University of Toronto, 1992-94.
 Member of the statistical consulting committee, Department of Statistics, 1993.
 Member of the strategic planning committee, Department of Preventive Medicine and Biostatistics,
 University of Toronto, 1993.
 Member of the curriculum committee, Department of Biostatistics, University of Washington, 1997-2000.
 Member of statistical theory exam committee, Department of Biostatistics, University of Washington,
 1998, 2000, 2003.
 Member of admissions committee, Department of Biostatistics, University of Washington, 1998-2006.
 Member of faculty Senate, University of Washington, 2001- 2003.
 Member of faculty search and promotion committees, Fred Hutchinson Cancer Research Center, 1997,
 2000-present.

Other Professional Activities:

Research Associate, Province of British Columbia, Ministry of Human Resources, Vancouver, British Columbia, 1981-82.

Research Associate, Province of British Columbia, Ministry of Human Resources, Vancouver, British Columbia, 1984-85.

Research Assistant, Fred Hutchinson Cancer Research Center, Seattle, Washington, 1988-89.

Member Research Services Unit, University of Toronto, Department of Preventive Medicine and Biostatistics, (approximately 25 projects per year), 1990-94.

Member, Head and Neck Intergroup Correlative Science Committee, (NCI), 1997-2006.

Member, Independent Data Monitoring Committees for studies in head and neck cancer study (TAX322) and gastric cancer study (TAX325), (Aventis), 1998-2004.

Consultant, (formerly Mathsoft) Insightful Corporation, 1998-2005.

Consultant, Arkansas Cancer Research Center, 1999.

FHCRC Faculty Representative, Federal Demonstration Partnership, (A cooperative initiative among federal agencies and research institutions), 1999-2005.

Member, Statistical Committee, American Joint Committee on Cancer (American Cancer Society and American College of Surgeons), 2000-2003.

Member, Independent Data Monitoring Committee for studies for MD Anderson Cancer Center and Statistics Collaborative, Inc., 2003-2010.

Member, Scientific Program Committee of the American Society of Clinical Oncology, 2005-2007.

Member, NCI Head and Neck Cancer Steering Committee, 2006-2007.

Member, Independent Data Monitoring Committee, J&J Oncology, 2006-2007.

Member, Statistical and Lymphoma Committee, American Joint Committee on Cancer (American Cancer Society and American College of Surgeons), 2006-present.

Member, NCI Head & Neck Steering Committee, Section: Previously Untreated Patients, 2007-2010.

Member, Independent Data Monitoring Committee, Sanofi-aventis, 2007-2010.

Member, Data Monitoring Committee for the North Central Cancer Treatment Group (NCCTG) 2008-2011.

Member, NCI Clinical Trials Design Task Force (Phase II), 2008-2011.

Member, Molecular Modeler Working Group, American Joint Committee on Cancer, 2009-present.

Ad Hoc member, Special Emphasis Panel; NCI Epidemiology, Prevention Control & Population Sciences P01 Review Committee, 2007-2010.

Member, Program Assessment of Clinical Cancer Tests (PACCT) NCI working group, 2009- present.

Member, Independent Data Monitoring Committee, Lilly Oncology, 2010-present.

Member, NCI Lymphoma Steering Committee, 2010-present.

Member, NCI Imaging Steering Committee, 2011-present.

Co-Chair, NCI Clinical Trials Design Task Force (Phase II), 2011-present.

Ad Hoc member, Special Emphasis Panel: Clinical Assay Development Program, NCI, 2011.

Member, NCI Steering Committee Working Group, 2011- present

Member, Advisory Panel for the Group Banking Navigation System 2012-present.

Teaching Experience:

Teaching Assistant, University of Waterloo, 1983-84.

Teaching Assistant, University of Washington, 1987-88.

Applied statistical training of biostatistics students through Research Services Unit (approximately 25 projects per year), 1990-94.

Survival Analysis (currently CHL 3118) (with John McLaughlin), 1991.
 Laboratory Course in the Statistical Design and Analysis (with Paul Corey and Rob Tibshirani), CHL4507, 1990-95.
 Laboratory Course in the Statistical Design and Analysis (with Paul Corey and Rob Tibshirani), CHL4507, 1991.
 Survival Analysis, CHL 4515, 1992.
 Prospective Studies and Survival Analysis, CHL3118 (with John McLaughlin), 1992.
 Laboratory Course in the Statistical Design and Analysis (with Paul Corey and Rob Tibshirani), CHL4507, 1993.
 Survival Analysis, CHL 4515, 1993.
 Prospective Studies and Survival Analysis, CHL3118 (with John McLaughlin), 1994.
 Survival Analysis, CHL 4515, 1994.
 Laboratory Course in the Statistical Design and Analysis (with Paul Corey and Mike Escobar), CHL4507, 1994.
 Biostat 580, Organized Seminars in Biostatistics, 1996.
 Biostat 578, Special Topics: Non-parametric Estimation using Smoothers, Trees and Splines (with Charles Kooperberg), 1997.
 SWOG, Young Investigators Course, 2002-present.

Presentations at Conferences:

International Biometric Conference, Invited: Lecture on exploratory survival analysis. Budapest, July 2-6, 1990. Tree-based tools for survival data.
 Annual Meeting of the American Statistical Association, Boston, MA., August 9-11, 1992. Invited: Discussion of two papers on new methods for neural networks by Geoff Hinton and David Mackay.
 Annual Meeting of the Canadian Statistical Association, Banff, Alberta, May 8-11, 1994. Invited: Adaptive Survival Models.
 International Biometric Conference, Hamilton, Ontario, Canada, August 8-12, 1994. Invited: Discussion of two papers on generalized additive models.
 Annual Meeting of the American Statistical Association, Toronto, Ontario, Canada, August 14-18, 1994. Invited: Tutorial on Tree-Based Methods for Survival Analysis.
 Annual Meeting of the Biometric Society/WNAR, June 26-28, 1995. Invited: Lecture on Shrinkage Trees.
 Annual Meeting of the American Statistical Association, Orlando, Florida, August 13-17, 1995. Invited: Lecture on Adaptive Regression Splines in the Cox model.
 Annual Meeting of the Canadian Statistical Society, Waterloo, Ont, June 3-5, 1996. Invited: Some Exploratory Methods for Survival Data.
 Annual Meeting of the Biometric Society/WNAR, June 24-26, 1996. Invited: Pruning and Shrinking Trees.
 Annual Meeting of the American Statistical Association, Chicago, Illinois, August 5-7, 1996. Invited: Tutorial on Survival Trees.
 Statistical Modeling of Discrete Data and Structures, Munich, October 24-26, 1996. Invited: Pruning and Shrinking Trees.
 Annual Meeting of the Biometric Society/ENAR, Pittsburgh, PA, March 29-April 1, 1998. Invited: Discussion of Exploratory Analysis Using Classification Trees.
 The World of Genomics-Medical Applications and Social Implications, Santander, Spain, August 3-7, 1998. Invited:
 1. Molecular Clinical and Epidemiological Studies: Design and Data Analysis
 2. New Biostatistical Methods for Marker Analysis.
 Current Advances and Trends in Nonparametric Statistics, Crete, Greece, July 15-19, 2002. Invited: Partitioning, Peeling, and Logic for Prognostic Groups.

Annual Meeting of the Biometric Society/WNAR, Golden, Colorado, June 23-25, 2003. Invited: Directed Indices for Exploring Gene Expression.

US-Japan Biostatistics Workshop, Kobe, Japan, September 26, 2003. Invited: Gene Exploration and Correlation: Applications to Lymphoma.

Fifth Biennial International Conference on Statistics, Probability and Related Areas, Athens, Georgia, May 14-16, 2004. Invited: Extreme Models.

Second US-Japan Biostatistics Workshop, Seattle, WA, September 23-24, 2004. Invited: Extreme Regression and Other New Methods for Prognostic Analysis.

Annual Meeting of the American Statistical Association, Minneapolis, MN, August 7-11, 2005. Invited: Extreme Regression Models for Prognosis.

US-Japan Biostatistics Workshop, Kyoto, Japan, October 7, 2005. Invited: Prognostic Modeling Rules.

Cooperative Group Statisticians Meeting, Seattle, WA, August 6, 2006: Interim Analyses with Early Endpoints.

Enhancing Development of Genome-wide Association Methods (ENDGAME) Meeting, Herndon, VA, December 1, 2006. Subgroup Weighted Association Tests.

Annual Meeting of the American Statistical Association, Salt Lake City, UT, July 29 – August 2, 2007. Subgroup Weighted Association Tests.

American Society of Clinical Oncology (ASCO), Phase II Development of Novel Therapeutics in Lymphoma, Aspen, CO, September 18-19, 2007. Invited: Traditional Randomized and Screening Phase II Designs.

Annual INFORMS Meeting, Seattle, WA, November 4 – 7, 2007. Invited: New Developments in Tree-based Methods with Applications to Targeted Medicine.

Recent Advances in Biological Process Workshop, Fred Hutchinson Cancer Research Center, Seattle WA, December 1-2, 2008. Invited: Using Interactions to Find Main Effects in Genome-wide Association Studies.

The International Kurume Symposium on Biostatistics, Fukuoka, Japan, January 30-31, 2009. Invited: New Strategies for Constructing Prognostic and Varying Treatment Efficacy Models for Survival Data: Applications to Cancer Clinical Trials.

Biostatistics Workshop in Cancer Research, Toronto, Canada, July 24-26, 2009. Invited: Targeted Subgroup Effect Modeling.

Interface 2010: Computational Statistics and Human Behavior, Seattle, Washington, June 16-18, 2010. Invited: Emerging Data from Clinical Trials.

ICSA 2010 Applied Statistics Symposium, Indianapolis, Indiana, June 20-23, 2010. Invited: Using Models to Assess and Harness Interactions in High Dimensional Genomic Data.

Investigational Drug Steering Committee (IDSC) Meeting, March 15, 2011. Rockville, MD. Invited: Historical Controls Database : Pancreatic Cancer and Advanced NSCLC.

Annual Biostatistics Research Day, Toronto CA. April 29, 2011. Invited: Assessing Interactions and Associations in Modern Clinical Trials.

Society of Clinical Trials Meeting, Vancouver CA. May 16-19, 2011. Invited: Soft Enrichment: Using Phase II Data for Designing Targeted Groups.

NCI Workshop on Criteria for Use of 'Omics-Based Predictors in Clinical Trials. June 23-24, 2011, Bethesda, MD. Invited: Blinded Clinical Validations – Role of Honest Broker.

Annual Meeting of the American Statistical Association, Miami Beach, FL, Aug 1-4, 2011. Invited: Using Interactions in Moderately Sized Randomized Studies.

Annual Meeting of the Biometric Society/ENAR, Washington DC, March 31-April 3, 2012. Invited: Validating Clinical Performance of Predictors.

Special Fields of Interest:

Development and application of adaptive regression techniques.
 Tree-based methods for regression and exploratory survival analysis.
 Statistical methods for clinical trials.
 Interface of genomics and clinical trials.

RESEARCH CONTRIBUTIONS:

PUBLICATIONS IN REFEREED JOURNALS:

1. Albain K, Crowley J, LeBlanc M, Livingston R. Determinants of improved outcome for patients with small cell lung cancer: An analysis of the 2580 patient Southwest Oncology Group data base. *J Clin Oncol* 8(9):1563-1574, 1990.
2. Albain K, Crowley J, LeBlanc M, Livingston R. Survival determinants in extensive stage non-small cell lung cancer: The Southwest Oncology Group experience. *J Clin Oncol* 9(9):1618-1626, 1991.
3. Tibshirani R, LeBlanc M. A strategy for binary classification and description. *Journal of Computational and Graphical Statistics* 1:3-20, 1992.
4. LeBlanc M, Crowley J. Relative risk regression trees for censored survival data. *Biometrics* 48:411-425, 1992.
5. Albain K, Green S, LeBlanc M, et al. Proportional hazards and recursive partitioning and amalgamation analysis of the Southwest Oncology Group node-positive adjuvant CMFVP breast data base. *Breast Cancer Res Treat* 22(3):273-284, 1992.
6. Sagman U, LeBlanc M, Maki E, Feld R. Verification of a multicenter prognostic model for small cell lung carcinoma. (Abstract), *American Association of Clinical Oncology* 12:337, 1993.
7. LeBlanc M, Crowley J. Survival trees by goodness of split. *JASA* 88:457-467, 1993.
8. Colgan T, Pendergest D, LeBlanc M. The histopathology of uterine leiomyomas following treatment with gonadotropin-releasing hormone analogues. *Hum Pathol* 24(10):1073-1077, 1993.
9. LeBlanc M, Tibshirani R. Adaptive principal surfaces. *JASA* 89:54-64, 1994.
10. LeBlanc M, Crowley J. Semi-parametric regression functionals. *JASA* 90:95-105, 1995.
11. Arnold J, Rohan T, Howe G, LeBlanc M. Reproducibility and validity of a food frequency questionnaire designed for use in girls 7 to 12 years. *Annals of Epidemiology* 5(5):369-377, 1995.
12. Tammemagi M, Frank J, LeBlanc M, Artsob H. Intra- and inter-laboratory reproducibility of an ELISA serologic test for lyme disease. *Canadian Journal of Infectious Diseases* 6(2):90-95, 1995.
13. LeBlanc M. An adaptive expansion method for regression. *Statistica Sinica* 5(2):737-748, 1995.
14. Tammemagi M, Frank J, LeBlanc M, et al. Methodological issues in assessing reproducibility - A comparative study of various indices of reproducibility applied to repeat ELISA serologic tests for lyme disease. *J Clin Epidemiol* 48(9):1123-1132, 1995.
15. LeBlanc M, Crowley J. Step-function covariate effects in the proportional hazards model. *Canadian Journal of Statistics* 23(2):109-129, 1995.
16. Strathdee S, Frank J, McLaughlin J, LeBlanc M, Major C, O'Shaughnessy M, Reed S. Quantitative measure of HIV-specific antibodies predict progression to AIDs. *J Infect Dis* 172(5):1375-1379, 1995.
17. LeBlanc M, Tibshirani R. Combining estimates in regression and classification. *JASA* 91:1641-1650, 1996.
18. Albain K, Crowley J, LeBlanc M, Livingston R. Survival determinants in extensive-stage non-small-cell lung cancer. The Southwest Oncology Group experience. *Classic Papers and Current Comments* 2(1):135-144, 1997.
19. Kasendra M, Johnson I, Casavera L, LeBlanc M. Correlates of condom use in the young adult population in Ontario. *Canadian Journal of Public Health* 88(12):280-285, 1997.
20. LeBlanc M. Restricted polynomial regression. *Computational Statistics and Data Analysis* 24:153-168, 1997.
21. Stiff P, Dahlberg S, Forman S, McCall A, Horning S, Nademanee A, Blume K, LeBlanc M, Fisher R. Autologous bone marrow transplantation for patients with relapsed or refractory diffuse

- aggressive non-Hodgkin's lymphoma: value of augmented preparative regimens. *J Clin Oncol* 16(1):48-57, 1998.
22. Press OW, LeBlanc M, O'Rourke TJ, et al. Phase II trial of paclitaxel by 24-hour continuous infusion for relapsed non-Hodgkin's lymphomas: Southwest Oncology Group trial 9246. *J Clin Oncol* 16(2):574-578, 1998.
 23. Al-Sarraf M, LeBlanc M, Giri PGS, et al. Chemoradiotherapy versus radiotherapy in patients with advanced nasopharyngeal cancer: Phase III randomized intergroup study 0099. *J Clin Oncol* 16(4):1310-1317, 1998.
 24. Miller TP, Dahlberg S, Cassady JR, Adelstein DJ, Spier CM, Grogan TM, LeBlanc M, Carlin S, Chase E, Fisher RI. Chemotherapy alone compared with chemotherapy plus radiotherapy for localized intermediate- and high-grade non-Hodgkin's lymphoma. *New England Journal of Medicine* 339(10):21-26, 1998.
 25. LeBlanc M, Tibshirani R. Monotone shrinkage trees. *Journal of Computational and Graphical Statistics* 7(4):417-433, 1998.
 26. Moore F Jr., Brown T, LeBlanc M, Miller T, McClure S, Fisher F. Phase II trial of menogaril Non-Hodgkin's lymphoma: A Southwest Oncology Group Study. *Investigational New Drugs* 17(2):169-172, 1999.
 27. Al-Sarraf M, LeBlanc M, Giri PGS, Fu KK, Cooper J, Vuong T, Forastiere AA, Adams G, Sakr WA, Schuller DE, Ensley JF. Chemoradiotherapy versus radiotherapy in patients with advanced nasopharyngeal cancer: phase III randomized intergroup study 0099. *Classic Papers & Current Comments* 4(3):649-656, 1999.
 28. LeBlanc M. Resampling quantile estimating functions and density estimation. *Computational Statistics and Data Analysis* 29:163-176, 1999.
 29. LeBlanc M, Crowley J. Using the bootstrap for estimation in group sequential design: An application to a clinical trial for nasopharyngeal cancer. *Statistics in Medicine* 18:2635-2644, 1999.
 30. Liu PY, LeBlanc M, Desai M. False positive rates of randomized phase II designs. *Controlled Clinical Trials* 20(4):343-352, 1999.
 31. LeBlanc M, Crowley J. Adaptive regression splines in the Cox Model. *Biometrics* 55(1):204-213, 1999.
 32. Fisher RI, Dana BW, LeBlanc M, Kjeldsberg C, Unger J, Lichter A, Miller T. Alpha-Interferon consolidation following intensive chemotherapy does not prolong the progression-free survival of patients with low grade Non-Hodgkin's lymphoma: Results of SWOG-8809, A Randomized Phase III Study. *J Clin Oncol* 18:2010-2016, 2000.
 33. Taylor CW, LeBlanc M, Fisher RI, Moore DF Sr., Roach RW, Elias L, Miller TP. Phase II evaluation of interleukin-4 in patients with non-Hodgkin's lymphoma: A Southwest Oncology Group trial. *Anticancer Drugs* 11(9):695-700, 2000.
 34. Gaynor ER, Unger JM, Miller TP, Grogan TM, White LA Jr., Mills GM, Balcerzak SP, Varterasian M, LeBlanc M, Fisher RI. Infusional CHOP chemotherapy (CVAD) with or without chemosensitizers offers no advantage over standard CHOP therapy in the treatment of lymphoma: A Southwest Oncology Group Study. *J Clin Oncol* 19:750-755, 2001.
 35. Kooperberg C, Ruczinski I, LeBlanc M, Hsu L. Sequence analysis using logic regression. *Genetic Epidemiology* 21:626-631, 2001.
 36. Press O, LeBlanc M, Lichter AS, Grogan TM, Unger JM, Wasserman TH, Gaynor ER, Peterson BA, Miller TP, Fisher RI. A phase III randomized intergroup trial of subtotal lymphoid irradiation versus doxorubicin, vinblastine and subtotal lymphoid irradiation for stage IA-IIA Hodgkin's disease (SWOG 9133, CALGB 9391). *J Clin Oncol* 19:4238-4244, 2001.
 37. Faraggi D, LeBlanc M, Crowley J. Understanding neural networks using regression trees: an application to multiple myeloma survival data. *Stat in Med* 20:2965-2976, 2001.
 38. Kooperberg C, Ruczinski I, LeBlanc M, Hsu L. Sequence analysis using logic regression. *Genet Epidemiol* 21(Suppl 1):626-631, 2001.
 39. LeBlanc M, Jacobson J, Crowley J. Partitioning and peeling for constructing prognostic groups. *Stat Methods Med Res* 11:247-274, 2002.
 40. Abdollell M, LeBlanc M, Stephens D, Harrison RV. Binary partitioning for continuous longitudinal data: categorizing a prognostic variable. *Stat in Med* 21:3395-3409, 2002.

41. Kooperberg C, Sipione S, LeBlanc M, Strand A, Cattaneo E, Olson JM. Evaluating test statistics to select interesting genes in microarray experiments. *Hum Mol Genet* 11(19):1-10, 2002.
42. Lymphoma/Leukemia Molecular Profiling Project. The use of molecular profiling to predict survival after chemotherapy for diffuse large-B-cell lymphoma. *N Engl J Med* 346(25):1937-1947, 2002.
43. Blayney DW, LeBlanc ML, Grogan T, Gaynor ER, Chapman RA, Spiridonidis CH, Taylor SA, Bearman SI, Miller TP, Fisher RI. Dose-intense chemotherapy every 2 weeks with dose-intense cyclophosphamide, doxorubicin, vincristine, and prednisone may improve survival in intermediate- and high-grade lymphoma: a phase II study of the Southwest Oncology Group (SWOG 9349). *J Clin Oncol* 21(13):2466-2473, 2003.
44. LeBlanc M, Kooperberg C, Grogan TM, Miller TP. Directed indices for exploring gene expression data. *Bioinformatics* 19(6):686-693, 2003.
45. The Lymphoma/Leukemia Molecular Profiling Project. The proliferation gene expression signature is a quantitative integrator of oncogenic events that predicts survival in mantle cell lymphoma. *Cancer Cell* 3:185-197, 2003.
46. Press OW, Unger JM, Braziel RM, Maloney DG, Miller TP, LeBlanc M, Gaynor ER, Rivkin SE, Fisher RI. A phase 2 trial of CHOP chemotherapy followed by tositumomab/iodine I 131 tositumomab for previously untreated follicular non-Hodgkin lymphoma: Southwest Oncology Group Protocol S9911. *Blood* 102(5):1606-1612, 2003.
47. Ditzler S, Stoeck J, LeBlanc M, Kooperberg C, Hansen S, Coppin L, Olson JM. A rapid neurobehavioral assessment reveals that FK506 delays symptom onset in R6/2 Huntington's disease mice. *Preclinica* 1(3):115-126, 2003.
48. Stiff PJ, Unger JM, Forman SJ, McCall AR, LeBlanc M, Nademanee AP, Bolwell BJ, Fisher RI. The value of augmented preparative regimens combined with an autologous bone marrow transplant for the management of relapsed or refractory Hodgkin disease: a Southwest Oncology Group phase II trial. *Biol Blood Marrow Transplant* 9:529-539, 2003.
49. Ruczinski I, Kooperberg C, LeBlanc M. Logic regression. *J Comput Graph Stat* 12(3):475-511, 2003.
50. Unger JM, LeBlanc M, Crowley JJ, et al. Estimating the impact of new clinical trial proven cancer therapy and cancer chemoprevention on population mortality: The Karnofsky Memorial Lecture. *J Clin Oncol* 21(23s):246-252, 2003.
51. Rosenwald AR, Wright G, Leroy K, Yu X, Gaulard P, Gascoyne RD, Chan WC, Zhao T, Haioun C, Greiner TC, Weisenburger DD, Lynch JC, Vose J, Armitage JO, Smeland EB, Kvaloy S, Holte H, Delabie J, Campo E, Montserrat E, Lopez-Guillermo A, Ott G, Muller-Hermelink HK, Connors JM, Braziel R, Grogan TM, Fisher RI, Miller TP, LeBlanc M, et al. Molecular diagnosis of primary mediastinal B cell lymphoma identifies a clinically favorable subgroup of diffuse large B cell lymphoma related to Hodgkin lymphoma. *J Exp Med* 198(6):851-862, 2003.
52. Ruczinski I, Kooperberg C, LeBlanc ML. Exploring interactions in high-dimensional genomic data: an overview of logic regression, with applications. *Journal of Multivariate Analysis* 90:178-195, 2004.
53. Rimsza LM, Roberts RA, Miller TP, Unger JM, LeBlanc M, et al. Loss of MHC class II gene and protein expression in diffuse large B-cell lymphoma is related to decreased tumor immunosurveillance and poor patient survival regardless of other prognostic factors: a follow-up study from the Leukemia and Lymphoma Molecular Profiling Project. *Blood* 103(11):4251-4258, 2004.
54. Unger JM, LeBlanc M, Thompson IM, Coltman CA Jr. The person-years saved model and other methodologies for assessing the population impact of cancer-prevention strategies. *Urol Oncol* 22:362-368, 2004.
55. Nason M, Emerson S, LeBlanc M. CARTscans: a tool for visualizing complex models. *J Comput Graph Stat* 13(4):807-825, 2004.
56. Solal-Céligny P, Roy P, Colombat P, White J, Armitage JO, Arranz-Saez R, Au WY, Bellei M, Brice P, Caballero D, Coiffier B, Conde-Garcia E, Doyen C, Federico M, Fisher RI, Garcia-Conde JF, Guglielmi C, Hagenbeek A, Haioun C, LeBlanc M, et al. Follicular Lymphoma International Prognostic Index. *Blood* 104(5):1258-1265, 2004.
57. Dave SS, Wright G, Tan B, Rosenwald A, Gascoyne RD, Wing CC, Fisher RI, Braziel RM, Rimsza LM, Grogan TM, Miller TP, LeBlanc M, et al. Prediction of survival in follicular

- lymphoma based on molecular features of tumor-infiltrating immune cells. *N Engl J Med* 351(21):2159-2169, 2004.
58. Schwartz DL, Rajendran J, Yueh B, Coltrera MD, LeBlanc M, Eary J, Krohn K. FDG-PET predicts local disease control for head and neck squamous cell cancer. *Arch Otolaryngol Head Neck Surg* 130:1361-1367, 2004.
 59. Urba SG, Moon J, Shankar Giri PG, Adelstein DJ, Hanna E, Yoo GH, LeBlanc M, Ensley JF, Schuller DE. Organ preservation for advanced resectable cancer of the base of tongue and hypopharynx: a Southwest Oncology Group trial. *J Clin Oncol* 23(1):88-95, 2005.
 60. Unger JM, Thompson IM Jr, LeBlanc M, Crowley JJ, Goodman PJ, Ford LG, Coltman CA Jr. Estimated impact of the Prostate Cancer Prevention Trial on population mortality. *Cancer* 103(7):1375-1380, 2005.
 61. LeBlanc M, Moon J, Crowley J. Adaptive risk group refinement. *Biometrics* 61:370-378, 2005.
 62. Fisher RI, LeBlanc M, Press OW, Maloney DG, Unger JM, Miller TP. New treatment options have changed the survival of patients with follicular lymphoma. *J Clin Oncol* 23(33):8447-8452, 2005.
 63. Schwartz DL, Ford E, Rajendran J, Yueh B, Coltrera MD, Virgin J, Anzai Y, Haynor D, Lewellyn B, Mattes D, Meyer J, Phillips M, LeBlanc M, et al. FDG-PET/CT imaging for preradiotherapy staging of head-and-neck squamous cell carcinoma. *Int J Radiat Oncol Biol Phys* 61(1):129-136, 2005.
 64. Schwartz DL, Ford EC, Rajendran J, Yueh B, Coltrera MD, Virgin J, Anzai Y, Haynor D, Lewellen B, Mattes D, Kinahan P, Meyer J, Phillips M, LeBlanc M, et al. FDG-PET/CT-guided intensity modulated head and neck radiotherapy: a pilot investigation. *Head Neck* 27(6):478-487, 2005.
 65. LeBlanc M, Moon J, Kooperberg C. Extreme regression. *Biostatistics* 7(1):71-84, 2006.
 66. Adelstein DJ, LeBlanc M. Does induction chemotherapy have a role in the management of locoregionally advanced squamous cell head and neck cancer? *J Clin Oncol* 24(17):2624-2628, 2006.
 67. Press OW, Unger JM, Braziel RM, Maloney DG, Miller TP, LeBlanc M, Fisher RI. Phase II trial of CHOP chemotherapy followed by tositumomab/iodine I-131 tositumomab for previously untreated follicular non-Hodgkin's lymphoma: five-year follow-up of Southwest Oncology Group protocol S9911. *J Clin Oncol* 24(25):4143-4149, 2006.
 68. Rimsza LM, Roberts RA, Campo E, Grogan TM, Bea S, Salaverria I, Zettl A, Rosenwald A, Ott G, Muller-Hermelink HK, Delabie J, Fisher RI, Unger JM, LeBlanc M, et al. Loss of major histocompatibility class II expression in non-immune-privileged site diffuse large B-cell lymphoma is highly coordinated and not due to chromosomal deletions. *Blood* 107(3):1101-1107, 2006.
 69. Dai JY, Ruczinski I, LeBlanc M, Kooperberg C. Imputation methods to improve inference in SNP associated studies. *Genet Epidemiol*, 30:690-702, 2006.
 70. Fan J, Su XG, Levine R, Nunn M, LeBlanc M. Trees for correlated survival data by goodness of split, with applications to tooth prognosis. *J Am Stat Assoc* 101(475):959-967, 2006.
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