

Isao Yokota

Department of Biostatistics,
Graduate School of Medicine,
Hokkaido University

Kita 15, Nishi 7, Kita-ku, Sapporo
Kita-ku, Sapporo 060-8638 JAPAN
Phone: +81-11-706-5896
Fax: +81-11-706-6050
Email: yokotai@pop.med.hokudai.ac.jp
Homepage: <http://yokotai.wordpress.com/>

Personal

Born on November 19, 1987.

Japan Citizen.

Education

Ph.D. Health Science, The University of Tokyo, 2015.

Master of Public Health, The University of Tokyo, 2012.

B.S. Health Science, The University of Tokyo, 2010.

Employment

Primary Appointment

Oct 2018 – present Associate Professor, Hokkaido University

Apr 2015 – Sep 2018 Assistant Professor, Kyoto Prefectural University of Medicine

Secondary Appointments (Academic)

Jul 2019 – present	Visiting researcher, National Center for Global Health and Medicine Research collaboration
Dec 2018 – present	Visiting lecturer, Kyoto Prefectural University of Medicine Lecture about biostatistics
Apr 2018 – Mar 2019	Part-time Lecturer, Kyoto University Lecture about biostatistics for master's student
Apr 2018 – Sep 2018	Part-time Lecturer, Mukogawa Women's University Lecture about biostatistics for master's student
Apr 2017 – Sep 2017	Part-time Lecturer, Mukogawa Women's University Lecture about biostatistics for master's student
Dec 2012 – Mar 2015	Research Assistant, The University of Tokyo Belong to Global Creative Leadership program.
May 2012 – Feb 2015	Program adviser, Teikyo University Consultation of biostatistics for medical doctors, nurses and pharmacy researchers.
May 2012 – Nov 2012	Research Assistant, The University of Tokyo Belong to graduate school of medicine.
Apr 2012 – Mar 2013	Tutor, The University of Tokyo Support for a student studying abroad.
Oct 2011 – Mar 2012	Teaching Assistant, The University of Tokyo Belong to school of public health.

Secondary Appointments (Other)

Mar 2011 – Sep 2016	Statistical Analyst, Non-Profit Organization Japan Clinical Research Support Unit Analyze data and plan for a statistical method.
---------------------	--

Honors and Awards

Representative of the graduating students of health science in 2010, The University of Tokyo
Elected at professor meetings.

Research award of graduation theses in 2010, Health science and nursing, Faculty of medicine, The University of Tokyo
Elected at professor meetings.

Teaching

Graduate School

2019-present Advanced biostatistics , Hokkaido University
Mathematical statistics (8 classes).

2017-present Biostatistical method in clinical research, Kyoto University
“Interim monitoring” (1 class).

2019 Basic biostatistics, Hokkaido University
“Clinical research and Biostatistics”, “Descriptive statistics”, “Estimating and Testing”, “Analysis of variance”, “Linear regression”, “Clinical trial design”, “Epidemiological study design”, “Bias in epidemiology” and “Survival analysis” (16 classes, twice a year(total 32 classes)).

- 2019 Statistical methods for epidemiologic research, Hokkaido University
Design and bias on epidemiologic research (8 classes).
- 2019 Special lecture, Tokyo University of Science
Prediction model (1 class).
- 2016-2019 Special lecture in oncology, Teikyo University
“How to interpret clinical trial papers” (1 class).
- 2017-2018 Biostatistics, Mukogawa Women’s University
“Descriptive statistics”, “Statistical test and estimation”, “Observational study”, “Analysis of variance and linear regression”, “Confounding and logistic regression”, “Reliability and validity of questionnaires” (7.5 classes).
- 2017 Special lecture in biostatistics, The University of Tokyo
“The measures of predictive ability in survival analysis” (1 class).

Undergraduate

- 2019-present Medical Statistics and Data Science (Freshman Seminar), Hokkaido University, B1
Introduction to biostatistics and Conducting an epidemiologic study (15 classes).
- 2019-present Translational Research, Hokkaido University, B4
“Introduction to clinical research” (1 classes).
- 2018-present Medical statistics, Hokkaido University, B3
“Clinical research and Biostatistics”, “Descriptive statistics”, “Two group comparisons”, “Analysis of Variance”, “Epidemiologic design”, “Regression models” (6 classes).
- 2016-2018 Medical statistics, Kyoto Prefectural University of Medicine, B5
“Observational study 1”, “Observational study 2” (3 classes).
- 2016-2018 Clinical Pharmacology, Kyoto Prefectural University of Medicine, B6
“Observational study” (1 class).
- 2015-2018 Biostatistics, Kyoto Prefectural University of Medicine, B4
“Descriptive statistics”, “Two group comparisons”, “Analysis of variance and Linear regression” (3 classes).
- 2015-2016 Medical science practice, Kyoto Prefectural University of Medicine, B1
Teach descriptive method, randomization and test using counterfactual cards and JMP® for 2 days.

Society activities

- The Biometrics Society of Japan (2012-)
Councilor (2016-2018) Planning Committee (2016-)
- International Biometrics Society
Social media liaison (2018-)
- International Society of Clinical Biostatistics (2013, 2015, 2017-)
- ENAR (2016-)

Committee

Biostatistical committee, Japan Children Cancer Group (2014-)

Protocol review committee, Japan Clinical Oncology Group (2019-)

Publications

Peer-Reviewed Journal Articles

82. Kanbayashi Y, Sakaguchi K, Ishikawa T, Ouchi Y, Nakatsukasa K, Tabuchi Y, Kanehisa F, Hiramatsu M, R Takagi, **Yokota I**, Katoh N, Taguchi T. Comparison of the efficacy of cryotherapy and compression therapy for preventing nanoparticle albumin-bound paclitaxel-induced peripheral neuropathy: a prospective self-controlled trial. *Breast* [Epub ahead of print]
81. Ushigome E, Kitagawa N, Kitae A, Kimura T, Iwai K, Oyabu C, Ushigome H, **Yokota I**, Hamaguchi M, Asano M, Yamazaki M, Fukui M. Seasonal variation in home blood pressure and its relationship with room temperature in patients with type 2 diabetes. *Diab Vasc Dis Res*. [Epub ahead of print]
80. Fujikawa K, Teramukai S, **Yokota I**, Daimon T. A Bayesian basket trial design that borrows information across strata based on the similarity between the posterior distributions of the response probability. *Biom J*. [Epub ahead of print]
79. Yamaguchi J, Chinen Y, Takimoto-Shimomura T, Nagata H, Muramatsu A, Kuriyama K, Ohshiro M, Hirakawa Y, Iwai T, Uchiyama H, Uoshima N, Kaneko H, Nakao M, Tsukamoto T, Shimura Y, Kobayashi T, Horiike S, **Yokota I**, Kuroda J; KOTOSG Investigators. Prediction of delayed platelet engraftment after autologous stem cell transplantation for B-cell non-Hodgkin lymphoma. *Leuk Lymphoma*. [Epub ahead of print]
78. Iwasaki K, Inoue M, Kasahara Y, Tsukuda K, Kawahara H, **Yokota I**, Kondo E, Iwasaki N, Yasuda K. Inclination of Blumensaat's line influences on the accuracy of the quadrant method in evaluation for anterior cruciate ligament reconstruction. *Knee Surg Sports Traumatol Arthrosc*. [Epub ahead of print]
77. Kato M, Kaneko Y, Tanaka Y, Inoo M, Kobayashi-Haraoka H, Amano K, Miyata M, Murakawa Y, Yasuoka H, Hirata S, Nagasawa H, Tanaka E, Miyasaka N, Yamanaka H, Yamamoto K, **Yokota I**, Atsumi T, Takeuchi T. Predictive value of serum amyloid A levels for requirement of concomitant methotrexate in tocilizumab initiation: A post-hoc analysis of the SURPRISE study. *Mod Rheumatol*. [Epub ahead of print]
76. Kida T, Tanaka T, **Yokota I**, Tamagaki K, Sagawa T, Kadoya M, Yamada T, Fujioka K, Wada M, Kohno M, Hiraoka N, Omoto A, Fukuda W, Kawahito Y. Association between preexisting lung involvements and the risk of diffuse alveolar hemorrhage in patients with microscopic polyangiitis: a multi-center retrospective cohort study. *Mod Rheumatol*. [Epub ahead of print]
75. Kaneshita S, Kida T, **Yokota I**, Nagahara H, Seno T, Wada M, Kohno M, Kawahito Y. Risk factors for cytomegalovirus disease with cytomegalovirus re-activation in patients with rheumatic disease. *Mod Rheumatol*. [Epub ahead of print]
74. Kitagawa N, Ushigome E, Tanaka T, Hasegawa G, Nakamura N, Ohnishi M, Tsunoda S, Ushigome H, **Yokota I**, Kitagawa N, Hamaguchi M, Asano M, Yamazaki M, Fukui M. Isolated high home systolic blood pressure in patients with type 2 diabetes is a prognostic factor for the development of diabetic nephropathy: KAMOGAWA-HBP study. *Diabetes Res Clin Pract*. 2019;158:107920

73. Taniguchi Y, Kitamura A, Ishizaki T, Fujiwara Y, Shinozaki T, Seino S, Mitsutake S, Suzuki H, Yokoyama Y, Abe T, Ikeuchi T, **Yokota I**, Matsuyama Y, Shinkai S. Association of trajectories of cognitive function with cause-specific mortality and medical and long-term care costs. *Geriatr Gerontol Int*. 2019; 19: 1236–1242.
72. Yamauchi Y, Nakamura A, Takahashi K, Takase T, Yamamoto C, **Yokota I**, Atsumi T, Miyoshi H. Factors with remission of fatty liver in patients with type 2 diabetes treated with ipragliflozin. *Endocr J*. 2019; 66:995-1000.
71. Takai S, Nakanishi N, **Yokota I**, Imai K, Yamada A, Kawasaki T, Okada T, Sawada T, Fujita H, Matoba S. Clot regression effects of rivaroxaban in the treatment of venous thromboembolism in patients with cancer (CRERIT-VTE cancer): study protocol. *BMJ Open*. 2019;9:e031698.
70. Iwai K, Ushigome E, Matsumoto S, Kitagawa N, Ushigome H, **Yokota I**, Asano M, Hamaguchi M, Yamazaki M, Fukui M. Home blood pressure is associated with cognitive impairment among elderly patients with type 2 diabetes: KAMOGAWA-HBP study. *Diab Vasc Dis Res*. 2019;16:506–512.
69. Okamura T, Ushigome E, Kitagawa N, Oyabu C, Tanaka T, Hasegawa G, Nakamura N, Ohnishi M, Tsunoda S, Ushigome H, **Yokota I**, Hamaguchi M, Asano M, Yamazaki M, Fukui M. Maximum morning home systolic blood pressure is an indicator of the development of diabetic nephropathy: The KAMOGAWA-HBP study. *J Diabetes Investig*. 2019;10:1543–1549.
68. Iehara T, Yoneda A, **Yokota I**, Takahashi H, Teramukai S, Kamijyo T, Nakazawa A, Takimoto T, Kikuta A, Yagyū S, Ikeda H, Nakagawara A, Tajiri T, Japan Childhood Cancer Group Neuroblastoma Committee (JNBSG). Results of a prospective clinical trial JN-L-10 using image-defined risk factors to inform surgical decisions for children with low-risk neuroblastoma disease: A report from the Japan Children's Cancer Group Neuroblastoma Committee. *Pediatr Blood Cancer*. 2019; 66:e27914
67. Shimizu M, Amaya F, Kinoshita M, Yamasaki M, **Yokota I**, Sawa T. Reduction of the rocuronium-induced withdrawal reflex by MR13A10A, a generic rocuronium with a novel solution: A randomized, controlled study. *PLoS One*. 2019;14:e0223947.
66. Taniguchi Y, Kitamura A, Kaito S, Yokoyama Y, **Yokota I**, Shinozaki T, Seino S, Murayama H, Matsuyama Y, Ikeuchi T, Fujiwara Y, Shinkai S. Albumin and hemoglobin trajectories and incident disabling dementia in community-dwelling older Japanese. *Dement Geriatr Cogn Disord*. 2019; 47: 233–242.
65. Zen Y, Chiyonobu T, Yuge M, **Yokota I**, Morimoto M, Teramukai S, Hosoi H. Gender differences in occurrence of behavioral and emotional problems at the lower grades of elementary school: association with developmental and behavioral characteristics at 5years. *Brain Dev*. 2019;41:760–768.
64. Nakao R, Konishi E, Fujiwara H, Otsuji E, **Yokota I**, Urata Y, Yanagisawa A. Residual cancer volume predicts clinical outcome in patients with esophageal squamous cell carcinoma after neoadjuvant chemotherapy. *Int J Surg Pathol*. 2019;27:713-721.
63. Sagawa T, Kida T, Inaba T, **Yokota I**, Sagawa R, Kasahara A, Kaneshita S, Inoue T, Nagahara H, Fujioka K, Wada M, Kohno M, Kawahito Y. Utility of coagulation markers for the prediction of rapidly progressive interstitial lung disease in patients with dermatomyositis. *Lung*. 2019;197:437–442.
62. Sakaguchi K, Ono H, Nakatsukasa K, Ishikawa T, Hasegawa Y, Takahashi M, Niikura N, Koizumi K, Sakurai T, Shigematsu H, Takahashi S, Taira S, Suzuki M, Narui K, Miura D, Yamada K, Yoshimura M, Shioya H, Konishi E, **Yokota I**, Imai K, Fujikawa K, Taguchi T; Collaborative Study Group of Scientific Research of the Japanese Breast Cancer Society. Efficacy of denosumab for restoring normal bone mineral density in women receiving adjuvant aromatase inhibitors for early breast cancer. *Medicine (Baltimore)*. 2019;98:e16770

61. Morio K, Maeda I, **Yokota I**, Niki K, Murata T, Matsumura Y, Uejima E. Risk factors for polypharmacy in elderly patients with cancer pain. *Am J Hosp Palliat Care*. 2019; 36:598-602.
60. Tsuboi H, **Yokota I**, Miyamori D, Akasaka Y, Yamada A, Ikegaya H. Age estimation based on visual parameters of the skin of cadavers. *Skin Res Technol*. 2019;25:532-537.
59. Mihara Y, Kado H, **Yokota I**, Shiotsu Y, Sonomura K, Kusaba T, Hatta T, Matoba S, Tamagaki K. Rapid weight loss with dietary salt restriction in hospitalized patients with chronic kidney disease. *Sci Rep*. 2019;9:8787.
58. Sowa Y, **Yokota I**, Fujikawa K, Morita D, Taguchi T, Numajiri T. Objective evaluation of fat tissue induration after breast reconstruction using a deep inferior epigastric perforator (DIEP) flap. *J Plast Surg Hand Surg*. 2019;53:125-129.
57. Yokota J, Fukutani N, Nin K, Yamanaka H, Yasuda M, Tashiro Y, Matsushita T, Suzuki Y, **Yokota I**, Teramukai S, Aoyama T. Association of low back pain with presenteeism in hospital nursing staff. *J Occup Health*. 2019;61:219-226.
56. Shinomoto M, Kasai T, Tatebe H, Kondo M, Ohmichi T, Morimoto M, Chiyonobu T, Terada N, Allsop D, **Yokota I**, Mizuno T, Tokuda T. Plasma neurofilament light chain: A potential prognostic biomarker of dementia in adult Down syndrome patients. *PLoS One*. 2019;14:e0211575.
55. Kaibori M, Yoshii K, **Yokota I**, Hasegawa K, Nagashima F, Kubo S, Kon M, Izumi N, Kadoya M, Kudo M, Kumada T, Sakamoto M, Nakashima O, Matsuyama Y, Takayama T, Kokudo N; Liver Cancer Study Group of Japan. Impact of advanced age on survival in patients undergoing resection of hepatocellular carcinoma: report of a Japanese nationwide survey. *Ann Surg*. 2019; 269:692-699.
54. Noguchi A, Inoue T, **Yokota I**. Promoting a nursing team's ability to notice intent to communicate in lightly sedated mechanically ventilated patients in an Intensive Care Unit: an action research study. *Intensive Crit Care Nurs*. 2019; 51: 64-72.
53. Goto M, Sakai K, Yokota H, Kiba M, Yoshida M, Imai H, Weiland E, **Yokota I**, Yamada K. Diagnostic performance of initial enhancement analysis using ultra-fast dynamic contrast-enhanced MRI for breast lesions. *Eur Radiol*. 2019;29:1164-1174.
52. **Yokota I**, Matsuyama Y. Dynamic prediction of repeated events data based on landmarking model: application to colorectal liver metastases data. *BMC Med Res Methodol*. 2019;30:31.
51. Yasuda H, Kataoka K, Takeyama Y, Takeda K, Ito T, Mayumi T, Isaji S, Mine T, Kitagawa M, Kiriyama S, Sakagami J, Masamune A, Inui K, Hirano K, Akashi R, Yokoe M, Sogame Y, Okazaki K, Morioka C, Kihara Y, Kawa S, Tanaka M, Andoh A, Kimura W, Nishimori I, Furuse J, **Yokota I**, Shimosegawa T. Usefulness of urinary trypsinogen-2 and trypsinogen activation peptide in acute pancreatitis: A multicenter study in Japan. *World J Gastroenterol*. 2019; 25: 107-117.
50. Kunikane H, **Yokota I**, Katakami N, Takeda K, Takayama K, Sawa T, Saito H, Harada M, Yokota S, Ando K, Saito Y, Ohashi Y, Eguchi K. Prospective analysis of the association between skeletal-related events and quality of life in patients with advanced lung cancer (CSP-HOR13). *Oncol Lett*. 2019; 17: 1320-1326.
49. Miyake H, Sakagami J, Yasuda H, Sogame Y, Kato R, Suwa K, Dainaka K, Takata T, **Yokota I**, Itoh Y. Association of fatty pancreas with pancreatic endocrine and exocrine function. *PLoS One*. 2018; 13: e0209448.
48. Kaibori M, Yoshii K, **Yokota I**. Reply to "Relative survival instead of overall survival should be used as outcome when analyzing the effect of age after treatment of hepatocellular carcinoma". *Ann Surg*. 2018; 268:e76-e77.

47. Toyama T, Yoshimura A, Hayashi T, Kobatashi N, Saito K, Tsuneizumi M, Sawaki M, Hattori M, Nakada T, **Yokota I**, Iwata H. A randomized phase II study evaluating pyridoxine for the prevention of hand-foot syndrome associated with capecitabine therapy for advanced or metastatic breast cancer. *Breast Cancer*. 2018; 25: 729-735.
46. Yamazaki S, Numata S, Inoue T, Itatani K, Morimoto K, Ohira S, Manabe K, **Yokota I**, Yaku H. Impact of right ventricular volume and function evaluated using cardiovascular magnetic resonance imaging on outcomes after surgical ventricular reconstruction. *Eur J Cardiothorac Surg*. 2018. 2018; 54: 867-874.
45. Kawamura T, Takeuchi Y, Asai S, **Yokota I**, Akamine E, Kato M, Akamatsu T, Tada K, Komeda Y, Iwatate M, Kawakami K, Nishikawa M, Watanabe D, Yamauchi A, Fukata N, Shimatani M, Ooi M, Fujita K, Sano Y, Kashida H, Hirose S, Iwagami H, Uedo N, Teramukai S, Tanaka K. A comparison of the resection rate for cold and hot snare polypectomy for 4-9 mm colorectal polyps: a multicentre randomised controlled trial (CRESCENT study). *Gut*. 2018. 67: 1950-1957.
44. Kitazawa K, Itoi M, **Yokota I**, Wakimasu K, Cho Y, Nakamura Y, Hieda O, Kinoshita S, Sotozono C. Involvement of anterior and posterior corneal surface area imbalance in the pathological change of keratoconus. *Sci Rep*. 2018; 8:14993.
43. Okamoto A, Yamasaki M, **Yokota I**, Mori M, Matsuda M , Yamaguchi Y , Yamakita S, Ueno H, Sawa T, Taguchi T, Hosokawa T, Amaya F. Classification of acute pain trajectory after breast cancer surgery identifies patients at risk for persistent pain: a prospective observational study. *J Pain Res*. 2018; 11: 2197-2206.
42. Kitazawa K, Wakimasu K, Kayukawa K, **Yokota I**, Inatomi T, Hieda O, Sotozono C, Kinoshita S. Moderately long-term safety and efficacy of repeat penetrating keratoplasty. *Cornea*. 2018; 37: 1255-1259.
41. Hishiki T, Matsumoto K, Ohira M, Kamijo T, Shichino H, Kuroda T, Yoneda A, Soejima T, Nakazawa A, Takimoto T, **Yokota I**, Teramukai S, Takahashi H, Fukushima T, Kaneko T, Hara J, Kaneko M, Ikeda H, Tajiri T, Nakagawara A; Japan Childhood Cancer Group Neuroblastoma Committee (JNBSG). Results of a phase II trial for high-risk neuroblastoma treatment protocol JN-H-07: a report from the Japan Childhood Cancer Group Neuroblastoma Committee (JNBSG). *Int J Clin Oncol*. 2018. 2018; 23: 965-973.
40. Katayama K, Imai T, Abe Y, Nawa T, Maeda N, Nakanishi K, Wada H, Fukui K, Ito Y, **Yokota I**, Ohkawa K. Number of nodules but not size of hepatocellular carcinoma can predict refractoriness to transarterial chemoembolization and poor prognosis. *J Clin Med Res*. 2018; 10: 765-771.
39. Hagiwara N, Watanabe M, Iizuka-Ohashi M, **Yokota I**, Toriyama S, Sukeno M, Tomosugi M, Sowa Y, Hongo F, Mikami K, Soh J, Fujito A, Miyashita H, Morioka Y, Miki T, Ukimura O, Sakai T. Mevalonate pathway blockage enhances the efficacy of mTOR inhibitors with the activation of retinoblastoma protein in renal cell carcinoma. *Cancer Lett*. 2018; 431:182-189.
38. Watanabe A, Nakamae T, Sakai Y, Nishida S, Abe Y, Yamada K, **Yokota I**, Narumoto J. The detection of white matter alterations in obsessive-compulsive disorder revealed by TRActs Constrained by UnderLying Anatomy (TRACULA). *Neuropsychiatr Dis Treat*. 2018; 14: 1635-1643.
37. Kitagawa N, Ushigome E, Matsumoto S, Oyabu C, Ushigome H, **Yokota I**, Asano M, Tanaka M, Yamazaki M, Fukui M. Prognostic significance of home pulse pressure for progression of diabetic nephropathy: KAMOGAWA-HBP study. *Hypertens Res*. 2018; 41: 363-371.
36. Matsumura-Kimoto Y, Kuroda J, Kaneko H, Kamitsuji Y, Fuchida SI, Nakaya A, Shibayama H, Uoshima N, **Yokota I**, Uchiyama H, Yagi H, Kosugi S, Matsui T, Ishikawa J, Matsuda M, Ohta K,

- Iida M, Tanaka H, Kobayashi M, Wada K, Shimazaki C, Nomura S, Imada K, Hino M, Matsumura I, Kanakura Y, Takaori-Kondo A; Kansai Myeloma Forum Investigators. Pomalidomide with or without dexamethasone for relapsed/refractory multiple myeloma in Japan: a retrospective analysis by the Kansai Myeloma Forum. *Int J Hematol.* 2018; 107: 541-550.
35. Ushigome E, Oyabu C, Tanaka T, Hasegawa G, Ohnishi M, Tsunoda S, Ushigome H, **Yokota I**, Nakamura N, Oda Y, Asano M, Tanaka M, Yamazaki M, Fukui M. Impact of masked hypertension on diabetic nephropathy in patients with type II diabetes: a KAMOGAWA-HBP study. *J Am Soc Hypertens.* 2018;12:364-371.
 34. Ushigome E, Matsumoto S, Oyabu C, Kitagawa N, Tanaka T, Hasegawa G, Ohnishi M, Tsunoda S, Ushigome H, **Yokota I**, Nakamura N, Oda Y, Asano M, Tanaka M, Yamazaki M, Fukui M. Prognostic significance of day-by-day variability of home blood pressure on progression to macroalbuminuria in patients with diabetes. *J Hypertens.* 2018; 36: 1068-1075.
 33. Kinoshita S, Koizumi N, Ueno M, Okumura N, Imai K, Tanaka H, Yamamoto Y, Nakamura T, Inatomi T, Bush J, Toda M, Hagiya M, **Yokota I**, Teramukai S, Sotozono C, Hamuro J. Injection of cultured cells with ROCK inhibitor for bullous keratopathy. *N Engl J Med.* 2018;378:995-1003.
 32. Mizuno Y, Tsukamoto T, Kawata E, Uoshima N, Uchiyama H, **Yokota I**, Maegawa S, Takimoto T, Tanba K, Matsumura-Kimoto Y, Kuwahara-Ota S, Fujibayashi Y, Yamamoto-Sugitani M, Chinen Y, Shimura Y, Horiike S, Taniwaki M, Kobayashi T, Kuroda J. Chromosomal abnormality variation detected by G-banding is associated with prognosis of diffuse large B-cell lymphoma treated by R-CHOP-based therapy. *Cancer Med.* 2018;7:655-664.
 31. Kitagawa N, Ushigome E, Matsumoto S, Oyabu C, Ushigome H, **Yokota I**, Asano M, Tanaka M, Yamazaki M, Fukui M. Threshold value of home pulse pressure predicting arterial stiffness in patients with type 2 diabetes: KAMOGAWA-HBP study. *J Clin Hypertens.* 2018;20:472-477.
 30. Shimoyama H, Isotani S, China T, Nagata M, **Yokota I**, Kitamura K, Wakumoto Y, Ide H, Muto S, Tujimura A, Yamaguchi R, Horie S. Automated renal cortical volume measurement for assessment of renal function in patients undergoing radical nephrectomy. *Clin Exp Nephrol.* 2017;21:1124-1130.
 29. Kan H, Arai Y, Kobayashi M, Nakagawa S, Inoue H, Hino M, Komaki S, Ikoma K, Ueshima K, Fujiwara H, **Yokota I**, Kubo T. Fixed-flexion view X-ray of the knee superior in detection and follow-up of knee osteoarthritis. *Medicine.* 2017; 96:e9126.
 28. Oyabu C, Ushigome E, Matsumoto S, Tanaka T, Hasegawa G, Nakamura N, Ohnishi M, Tsunoda S, Ushigome H, **Yokota I**, Tanaka M, Asano M, Yamazaki M, Fukui M. Maximum home blood pressure is a useful indicator of diabetic nephropathy in patients with type 2 diabetes mellitus: KAMOGAWA-HBP study. *Diab Vasc Dis Res.* 2017; 14: 477-484.
 27. Taniguchi Y, Kitamura A, Murayama H, Amano H, Shinozaki T, **Yokota I**, Seino S, Nofuji Y, Nishi M, Yokoyama Y, Matsuyama Y, Fujiwara Y, Shinkai S. Mini-mental state examination score trajectories and incident disabling dementia among community-dwelling older Japanese. *Geriatr Gerontol Int.* 2017;17:1928-1935.
 26. Kitazawa K, Kayukawa K, Wakimasu K, **Yokota I**, Inatomi T, Hieda O, Mori K, Sotozono C, Kinoshita S. Predictive clinical factors of cystoid macular edema in patients with Descemet's stripping automated endothelial keratoplasty. *Sci Rep.* 2017; 7: 7412.
 25. Kawamura T, Wada H, Sakiyama N, Ueda Y, Shirakawa A, Okada Y, Sanada K, Nakase K, Mandai K, Suzuki A, Kamaguchi M, Morita A, Nishioji K, Tanaka K, Mochizuki N, Uno K, **Yokota I**, Kobayashi M, Yasuda K. Examination time as a quality indicator of screening upper gastrointestinal endoscopy for asymptomatic examinees. *Dig Endosc.* 2017;29:569-575.

24. Masuda N, Lee SJ, Ohtani S, Im YH, Lee ES, **Yokota I**, Kuroi K, Im SA, Park BW, Kim SB, Yanagita Y, Ohno S, Takao S, Aogi K, Iwata H, Jeong J, Kim A, Park KH, Sasano H, Ohashi Y, Toi M. Adjuvant capecitabine for breast cancer after preoperative chemotherapy. *N Engl J Med.* 2017;376:2147-2159.
23. Yamaue H, Shimizu A, Hagiwara Y, Sho M, Yanagimoto H, Nakamori S, Ueno H, Ishii H, Kitano M, Sugimori K, Maguchi H, Ohkawa S, Imaoka H, Hashimoto D, Ueda K, Nebiki H, Nagakawa T, Isayama H, **Yokota I**, Ohashi Y, Shirasaka T. Multicenter, randomized, open-label phase II study comparing S-1 alternate-day oral therapy with the standard daily regimen as a first-line treatment in patients with unresectable advanced pancreatic cancer. *Cancer Chemother Pharmacol.* 2017;79:813-823.
22. Kitazawa K, Kayukawa K, Wakimasu K, **Yokota I**, Inatomi T, Hieda O, Mori K, Sotozono C, Kinoshita S. Cystoid macular edema after Descemet ' s stripping automated endothelial keratoplasty. *Ophthalmology.* 2017;124:572-3.
21. Ushigome E, Matsumoto S, Oyabu C, Ushigome H, **Yokota I**, Hasegawa G, Nakamura N, Tanaka M, Yamazaki M, Fukui M. Olmesartan with azelnidipine versus with trichlormethiazide on home blood pressure variability in patients with type II diabetes mellitus. *J Am Soc Hypertens.* 2017: 11; 140-147.
20. Nagao M, Yamamoto M, Matsumura Y, **Yokota I**, Takakura S, Teramukai S, Ichiyama S. Complete adherence to evidence-based quality-of-care indicators for Staphylococcus aureus bacteremia resulted in better prognosis. *Infection.* 2017; 45:83-91.
19. Kanezaki S, Nakamura S, Nakamura M, **Yokota I**, Matsushita T. Curtain osteophyte is one of the risk factors for poor outcome of rotational acetabular osteotomy. *Int Orthop.* 2017;41:265-70.
18. Taniguchi Y, Kitamura A, Seino S, Murayama H, Amano H, Nofuji Y, Nishi M, Yokoyama Y, Shinozaki T, **Yokota I**, Matsuyama Y, Fujiwara Y, Shinkai S. Gait performance trajectories and incident disabling dementia among community-dwelling older Japanese. *J Am Med Dir Assoc.* 2017;18:192.e13-192.e20.
17. Matsuda M, Oh-hashii K, **Yokota I**, Sawa T, Amaya F. Acquired exchange protein directly activated by cyclic adenosine monophosphate activity induced by p38MAPK in primary afferent neurons contributes to sustaining postincisional nociception. *Anesthesiology.* 2017;126:150-162.
16. Sowa Y, **Yokota I**, Itsukage S, Nakatsukasa K, Sakaguchi K, Taguchi T, Numajiri T. Evaluation of the severity of capsular contracture using elastography after breast implant reconstruction. *Clin Hemorheol Microcirc.* 2017;66:1-6.
15. Harada K, Ochi K, Taguchi T, Nakamura T, Kanazawa M, Yoshida N, Neriya H, Okagaki M, Nishida N, Takishita Y, Yamamoto Y, Wada S, Kuwahata M, **Yokota I**, Sekido K, Higashi A. Validity of the short nutritional assessment questionnaire for Japanese patients with cancer undergoing outpatient chemotherapy. *J Med Invest.* 2017;64:117-121.
14. Yanishi K, Nakamura T, Nakanishi N, **Yokota I**, Zen K, Yamano T, Shiraishi H, Shirayama T, Shiraishi J, Sawada T, Kohno Y, Kitamura M, Furukawa K, Matoba S. A simple risk stratification model for ST-elevation myocardial infarction (STEMI) from the combination of blood examination variables: acute myocardial infarction-Kyoto multi-center risk study group. *PLoS One.* 2016 Nov 11;11:e0166391.
13. Taniguchi Y, Fujiwara Y, Murayama H, **Yokota I**, Matsuo E, Seino S, Nofuji Y, Nishi M, Matsuyama Y, Shinkai S. Prospective study of trajectories of physical performance and mortality among community-dwelling older Japanese. *J Gerontol A Biol Sci Med Sci.* 2016; 71:1492-9.
12. Minamisawa A, Narumoto J, **Yokota I**, Fukui K. Evaluation of factors associated with psychiatric patient dropout at a university outpatient clinic in Japan. *Patient Prefer Adherence.* 2016; 10: 1903-11.

11. Tatekawa S, Kohno A, Ozeki K, Watamoto K, Ueda N, Yamaguchi Y, Kobayashi T, **Yokota I**, Teramukai S, Taniwaki M, Kuroda J, Morishita Y. A novel diagnostic and prognostic biomarker panel for endothelial cell damage-related complications in allogeneic transplantation. *Biol Blood Marrow Transplant.* 2016; 22: 1573-81.
10. Kitazawa K, **Yokota I**, Sotozono C, Kinoshita S. Measurement of corneal endothelial surface area using anterior segment optical coherence tomography in normal subjects. *Cornea.* 2016; 35: 1229-33.
9. Nakamura Y, Hieda O, Yamamura K, Wakimasu K, **Yokota I**, Kinoshita S. Comparative study of seven-year outcomes following laser in situ keratomileusis with those of trans-epithelial photorefractive keratectomy. *Nihon Ganka Gakkai Zasshi.* 2016; 120: 487-93.
8. Tsuji Y, Noto Y, Shiga K, **Yokota I**, Nakagawa M, Mizuno T. Does hand dominance affect peripheral nerve excitability? *Clin Neurophysiol.* 2016; 127: 1921-2.
7. Kadoya A, Ogawa G, Kawakami S, **Yokota I**, Hatanaka Y, Uchibori A, Chiba A, Sonoo M. The correlation between the change of distal motor latency of the median nerve and the abundant A-waves in Guillain-Barre syndrome. *J Neurol Neurosurg Psychiatry.* 2016; 87: 444-6.
6. Kobayashi T, Kuroda J, **Yokota I**, Tanba K, Fujino T, Kuwahara S, Isa R, Yamaguchi J, Kawata E, Akaogi T, Uchiyama H, Kaneko H, Uoshima N, Kobayashi Y, Teramukai S, Taniwaki M. The Kyoto Prognostic Index for patients with diffuse large B-cell lymphoma in the rituximab era. *Blood Cancer J.* 2016; 6: e383;
5. Isotani S, Shimoyama H, **Yokota I**, Noma Y, Kitamura K, China T, Saito K, Hisasue SI, Ide H, Muto S, Yamaguchi R, Ukimura O, Gill IS, Horie S. Novel prediction model of renal function after nephrectomy from automated renal volumetry with preoperative multidetector computed tomography (MDCT). *Clin Exp Nephrol.* 2015; 19: 974-81.
4. Isotani S, Shimoyama H, **Yokota I**, China T, Hisasue SI, Ide H, Muto S, Yamaguchi R, Ukimura O, Horie S. Feasibility and accuracy of computational robot-assisted partial nephrectomy planning by virtual partial nephrectomy analysis. *Int J Urol.* 2015; 22:439-46.
3. Kitamura K, Muto S, **Yokota I**, Hoshimoto K, Kaminaga T, Noguchi T, Sugiura S, Ide H, Yamaguchi R, Furui S, Horie S. Feasibility of multiparametric prostate magnetic resonance imaging in the detection of cancer distribution: histopathological correlation with prostatectomy specimens. *Prostate Int.* 2014; 2:188-95.
2. Aihara T, **Yokota I**, Hozumi Y, Aogi K, Iwata H, Tamura M, Fukuuchi A, Makino H, Kim R, Andoh M, Tsugawa K, Ohno S, Yamaguchi T, Ohashi Y, Watanabe T, Takatsuka Y, Mukai H. Anastrozole versus tamoxifen as adjuvant therapy for Japanese postmenopausal patients with hormone-responsive breast cancer: efficacy results of long-term follow-up data from the N-SAS BC 03 trial. *Breast Cancer Res Treat.* 2014; 148: 337-43.
1. Katakami N, Kunikane H, Takeda K, Takayama K, Sawa T, Saito H, Harada M, Yokota S, Ando K, Saito Y, **Yokota I**, Ohashi Y, Eguchi K. Prospective Study on the incidence of bone metastasis (BM) and skeletal-related events (SREs) in Patients (pts) with stage IIIB and IV lung cancer-CSP-HOR 13. *J Thorac Oncol.* 2014; 9:231-8.

Others

2. **Yokota I**. Reproducibility, Correlation coefficient and Bland-Altman plot. *Coronary Intervention* 13: 47-52; 2017. (in Japanese)
1. **Yokota I**, Teramukai S. Pitfalls in meta-analysis. *Cardioangiology* 79: 267-70; 2016. (in Japanese)

Presentations

At statistical meeting

Yokota I, Uemura Y. Using restricted mean survival time in a non-inferiority trial. The VIth International Society for Biopharmaceutical Statistics, Kyoto, Japan, Aug 28, 2019.

Yokota I. Landmarking model for dynamic prediction. The biometrics society of Japan seminar 2018, Kyoto, Japan, Dec 7, 2018.

Yokota I. Single-arm clinical trial design with time-to-event outcome. Development and application of statistical methods for clinical research and epidemiology, Shizuoka, Japan, May 11, 2018.

Yokota I. United milestones survival analysis in single-arm trial. 2nd Pacific Rim Cancer Biostatistics Workshop, Kanazawa, Japan, August 13, 2017.

Yokota I, Teramukai S. United milestones survival analysis in single-arm trial. 38th Annual Conference of the International Society for Clinical Biostatistics, Vigo, Spain, July 11, 2017. Abstract T31.

Yokota I. Comparing the tests for a survival curve at a fixed time point in single arm study. ENAR 2017 Spring meeting, Washington DC, Canada, March 12-15, 2017. Posters 8j.

Yokota I, Kashiwabara K, Sakamaki K, Teramukai S. Comparison of sequential clinical trial designs with time-to-event outcomes in small populations. XXVIIIth International Biometric Conference, Victoria, BC, Canada, July 10-15, 2016. Abstract 2464724.

Yokota I, Matsuyama Y. Dynamic prediction for repeated events data based on landmark model using dynamic pseudo observations. 36th Annual Conference of the International Society for Clinical Biostatistics, Utrecht, The Netherlands, August 23-27, 2015. Abstract P07-5.

Yokota I, Matsuyama Y. Evaluation of surrogate endpoint by dynamic prediction approach. 2015 annual meeting of the biometric society of Japan, Kyoto, Japan, March 12, 2015.

Yokota I, Matsuyama Y, Ohashi Y. Extension on a landmarking model using a fractional polynomial function for dynamic prediction. 34th Annual Conference of the International Society for Clinical Biostatistics, Munich, Germany, August 25-29, 2013. Abstract P136.

Yokota I, Matsuyama Y, Ohashi Y. Comparison of the tests for interval-censored data with differential assessment times. XXVIth International Biometric Conference, Kobe, Japan, August 28, 2012. Abstract 338.

Yokota I, Matsuyama Y, Ohashi Y. Simulation studies on the analysis of interval-censored survival data with differential assessment times. 2012 Joint Statistical Meetings, San Diego, CA, July 30, 2012. Abstract 253.

Yokota I. Analysis of interval-censored survival data with differential assessment times. 6th Biostatistics Network, Fukuoka, August 3, 2011.

At medical meeting

Yokota I. Single-arm design with time-to-event outcome. The 60th Annual Meeting of the Japanese Society of Pediatric Hematology/Oncology, Kyoto, Japan, Nov 16, 2018.

Yokota I. Survival analysis: to develop a prediction model. Hokkaido university hospital the clinical research and medical innovation center, Sapporo, Japan, Jun 28, 2018.

Yokota I. Overview of statistical analysis in clinical research. The 33rd annual meeting of Japanese society for infection prevention and control, Tokyo, Japan, Feb 24, 2018.

Yokota I. Statistical method for interim analysis/monitoring. 5th biostatistics seminar in TOKYO (by ARO Council), Tokyo, Japan, Feb 3, 2018.

Yokota I. Statistical method for observational study -Beyond P-value-. Japanese red cross Kyoto daiichi hospital, Kyoto, Japan, Jan 18, 2018.

Yokota I. Statistical method for interim analysis/monitoring. 5th annual meeting of ARO Council, Nagoya, Japan, Sep 25, 2017.

Last updated: December 26, 2019