

CURRICULUM VITAE

Soyoung Kim PhD

**Associate Professor
Department of Institute for Health and Equity
Division of Biostatistics**

OFFICE ADDRESS:

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Milwaukee, WI 53226

EDUCATION:

- 2006 B.S. (Statistics), Ewha Womans University, Seoul, South Korea
- 2008 M.S. (Statistics), Ewha Womans University, Seoul, South Korea
- 2013 Ph.D. (Biostatistics), University of North Carolina, Chapel Hill, NC

POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

- 2015 Postdoctoral Research Fellow, Vaccine and Infectious Disease Division, Fred Hutchinson Cancer Research Center, Seattle, WA 98109

FACULTY APPOINTMENTS:

- 2015 - 2021 Assistant Professor, Institute for Health and Society, Division of Biostatistics, Medical College of Wisconsin, Milwaukee, WI
- 2015 - Present Adjunct Professor, Department of Mathematics, University of Wisconsin-Milwaukee, Milwaukee, WI
- 2021 - Present Associate Professor, Institute for Health and Equity, Division of Biostatistics, Medical College of Wisconsin, Milwaukee, WI

ADMINISTRATIVE APPOINTMENTS:

- 2021 - Present Recruitment director, Division of Biostatistics, Medical College of Wisconsin

AWARDS AND HONORS:

- 2004 - 2005 Fellowship for Top-Honors Student, Ewha Womans University
- 2005 Kwanjung Foundation Fellowship, Kwanjung Foundation of Education, South Korea
- 2006 Data Mining Championship Award (2nd), SAS Korea
- 2006 - 2008 Ewha Graduate Research Fellowship, Ewha Womans University
- 2011 - 2012 Student travel award, Department of Biostatistics, UNC-CH
- 2012 The Health Policy Statistics Section Student Paper Award, American Statistical Association
- 2014 The Kupper Dissertation Publication Award, UNC-CH
- 2018 Outstanding Graduate School Teacher Award, MCW
- 2023 Outstanding Graduate School Teacher Award, MCW
- 2023 James E. Grizzle Distinguished Alumni Award, UNC-CH

INTERNATIONAL ELECTED/APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

- 2021 - Present Communication director, Korean International Statistical Society

COMMITTEE SERVICE:

Medical College of Wisconsin

- 2016 - 2019 Elected member, Nominating Committee
- 2019 - 2022 Dean's appointment member, Program evaluation Committee

2023 - Present Member, Library Committee

**EXTRAMURAL STUDENTS, FACULTY, RESIDENTS, AND CLINICAL/RESEARCH FELLOWS
MENTORED:**

Graduate Students

PhD Committees

- Natasha Sahr, Division of Biostatistics, Medical College of Wisconsin, 09/2016 - 05/2018
Nicholas DeVogel, 01/2017 - 08/2019
Charles Spanbauer, Division of Biostatistics, Medical College of Wisconsin, 08/2018 - 07/2022
Yizeng (Molly) He, Division of Biostatistics, Medical College of Wisconsin, 08/2019 - 04/2021
Manoj Khanal, Division of Biostatistics, Medical College of Wisconsin, 08/2020 - 01/2022
Yu Wang, Division of Biostatistics, Medical College of Wisconsin, 08/2022 - Present
Qinghua Lian, Division of Biostatistics, Medical College of Wisconsin, 03/2023 - Present

PhD Students Advised

- Yayun Xu, Division of Biostatistics, Medical College of Wisconsin, 08/2018 - 08/2020 Statistical Methods for Case-Cohort Studies with Competing Risks Data
Xi Fang, Division of Biostatistics, Medical College of Wisconsin, 08/2021 - Present Statistical Methods to improve estimation efficiency for right-censored data under observational studies and clinical trials, 2023 LiDS Conference of the American Statistical Association Student Paper Award/JSM 2023 KISS Outstanding Student Paper Award

BIBLIOGRAPHY

Refereed Journal Publications/Original Papers

1. Kim, S., Cai, J., and Lu, W. More efficient estimators in case-cohort studies, *Biometrika*, 100(3):695-708, 2013
2. Ataga, K. I., Hinderliter, A., Brittain, J.E., Jones, S., Xu, H., Cai, J., Kim, S., Pritchard Jr, K. A., and Hiller, C.A. Association of pro-inflammatory high-density lipoprotein cholesterol with clinical and laboratory variables in sickle cell disease, *Hematology*, 20(5):289-96, 2015
3. Kim S, Woo Ahn K. Bi-level variable selection for case-cohort studies with group variables. *Stat Methods Med Res.* 2019;28(10-11):3404-3414. PMCID: PMC6748310
4. Ahn KW, Sahr N, Kim S. Screening group variables in the proportional hazards model. *Stat Probab Lett.* 2018 Apr;135:20-25. PMCID: PMC6051756
5. Kim S, Zeng D, Cai J. Analysis of multiple survival events in generalized case-cohort designs. *Biometrics.* 2018 Dec;74(4):1250-1260. PMCID: PMC6328348
6. Kumar AJ, Kim S, Hemmer MT, Arora M, Spellman SR, Pidala JA, Couriel DR, Alousi AM, Aljurf MD, Cahn JY, Cairo MS, Cutler CS, Farhan S, Gergis U, Hale GA, Hashmi SK, Inamoto Y, Kamble RT, Kharfan-Dabaja MA, MacMillan ML, Marks DI, Nakasone H, Norkin M, Qayed M, Ringden O, Schouten HC, Schultz KR, Solh MM, Teshima T, Urbano-Ispizua A, Verdonck LF, Gale RP, Hamilton BK, Majhail NS, Loren AW. Graft-versus-host disease in recipients of male unrelated donor compared with parous female sibling donor transplants. *Blood Adv.* 2018 May 08;2(9):1022-1031. PMCID: PMC5941995
7. Ahn KW, Kim S. Variable selection with group structure in competing risks quantile regression. *Stat Med.* 2018 Apr 30;37(9):1577-1586. PMCID: PMC5889760
8. Myers RM, Hill BT, Shaw BE, Kim S, Millard HR, Battwalla M, Majhail NS, Buchbinder D, Lazarus HM, Savani BN, Flowers MED, D'Souza A, Ehrhardt MJ, Langston A, Yared JA, Hayashi RJ, Daly A, Olsson RF, Inamoto Y, Malone AK, DeFilipp Z, Margossian SP, Warwick AB, Jaglowski S, Beitinjaneh A, Fung H, Kasow KA, Marks DI, Reynolds J, Stockerl-Goldstein K, Wirk B, Wood WA, Hamadani M, Satwani P. Long-term outcomes among 2-year survivors of autologous hematopoietic cell transplantation for Hodgkin and diffuse large b-cell lymphoma. *Cancer.* 2018 Feb 15;124(4):816-825. PMCID: PMC5871233
9. Ahn KW, Banerjee A, Sahr N, Kim S. Group and within-group variable selection for competing risks data. *Lifetime Data Anal.* 2018 Jul;24(3):407-424. PMCID: PMC5797529
10. Kim S, Huang Y. Combining biomarkers for classification with covariate adjustment. *Stat Med.* 2017 Jul 10;36(15):2347-2362. PMCID: PMC5459674

11. Lampe JW, Huang Y, Neuhouser ML, Tinker LF, Song X, Schoeller DA, Kim S, Raftery D, Di C, Zheng C, Schwarz Y, Van Horn L, Thomson CA, Mossavar-Rahmani Y, Beresford SA, Prentice RL. Dietary biomarker evaluation in a controlled feeding study in women from the Women's Health Initiative cohort. *Am J Clin Nutr.* 2017 Feb;105(2):466-475. PMCID: PMC5267309
12. Dandoy CE, Kim S, Chen M, Ahn KW, Ardura MI, Brown V, Chhabra S, Diaz MA, Dvorak C, Farhadfar N, Flagg A, Ganguly S, Hale GA, Hashmi SK, Hematti P, Martino R, Nishihori T, Nusrat R, Olsson RF, Rotz SJ, Sung AD, Perales MA, Lindemans CA, Komanduri KV, Riches ML. Incidence, Risk Factors, and Outcomes of Patients Who Develop Mucosal Barrier Injury-Laboratory Confirmed Bloodstream Infections in the First 100 Days After Allogeneic Hematopoietic Stem Cell Transplant. *JAMA Netw Open.* 2020 Jan 03;3(1):e1918668. PMCID: PMC6991246
13. Bejanyan N, Kim S, Hebert KM, Kekre N, Abdel-Azim H, Ahmed I, Aljurf M, Badawy SM, Beitinjaneh A, Boelens JJ, Diaz MA, Dvorak CC, Gadalla S, Gajewski J, Gale RP, Ganguly S, Gennery AR, George B, Gergis U, Gómez-Almaguer D, Vicent MG, Hashem H, Kamble RT, Kasow KA, Lazarus HM, Mathews V, Orchard PJ, Pulsipher M, Ringden O, Schultz K, Teira P, Woolfrey AE, Saldaña BD, Savani B, Winiarski J, Yared J, Weisdorf DJ, Antin JH, Eapen M. Choice of conditioning regimens for bone marrow transplantation in severe aplastic anemia. *Blood Adv.* 2019 Oct 22;3(20):3123-3131. PMCID: PMC6849938
14. Li C, Mathews V, Kim S, George B, Hebert K, Jiang H, Li C, Zhu Y, Keesler DA, Boelens JJ, Dvorak CC, Agarwal R, Auletta JJ, Goyal RK, Hanna R, Kasow K, Shenoy S, Smith AR, Walters MC, Eapen M. Related and unrelated donor transplantation for ?-thalassemia major: results of an international survey. *Blood Adv.* 2019 Sep 10;3(17):2562-2570. PMCID: PMC6737407
15. Ustun C, Kim S, Chen M, Beitinjaneh AM, Brown VI, Dahi PB, Daly A, Diaz MA, Freytes CO, Ganguly S, Hashmi S, Hildebrandt GC, Lazarus HM, Nishihori T, Olsson RF, Page KM, Papanicolaou G, Saad A, Seo S, William BM, Wingard JR, Wirk B, Yared JA, Perales MA, Auletta JJ, Komanduri KV, Lindemans CA, Riches ML. Increased overall and bacterial infections following myeloablative allogeneic HCT for patients with AML in CR1. *Blood Adv.* 2019 Sep 10;3(17):2525-2536. PMCID: PMC6737406
16. Naik S, Riches M, Hari P, Kim S, Chen M, Bachier C, Shaughnessy P, Hill J, Ljungman P, Battiwalla M, Chhabra S, Daly A, Storek J, Ustun C, Diaz MA, Cerny J, Beitinjaneh A, Yared J, Brown V, Page K, Dahi PB, Ganguly S, Seo S, Chao N, Freytes CO, Saad A, Savani BN, Woo Ahn K, Boeckh M, Heslop HE, Lazarus HM, Auletta JJ, Kamble RT. Survival outcomes of allogeneic hematopoietic cell transplants with EBV-positive or EBV-negative post-transplant lymphoproliferative disorder, A CIBMTR study. *Transpl Infect Dis.* 2019 Oct;21(5):e13145. PMCID: PMC7239317
17. Abidi MZ, Hari P, Chen M, Kim S, Battiwalla M, Dahi PB, Diaz MA, Gale RP, Ganguly S, Gergis U, Green J, Hildebrandt G, Hill JA, Komanduri K, Lazarus H, Marks D, Nishihori T, Olsson R, Seo S, Ustun C, Yared J, Yin D, Wingard J, Wirk BM, Auletta J, Lindemans C, Riches M. Virus detection in the cerebrospinal fluid of hematopoietic stem cell transplant recipients is associated with poor patient outcomes: a CIBMTR contemporary longitudinal study. *Bone Marrow Transplant.* 2019 Aug;54(8):1354-1360. PMCID: PMC7001099
18. Papanicolaou GA, Ustun C, Young JH, Chen M, Kim S, Woo Ahn K, Komanduri K, Lindemans C, Auletta JJ, Riches ML, CIBMTR® Infection and Immune Reconstitution Working Committee. Bloodstream Infection Due to Vancomycin-resistant Enterococcus Is Associated With Increased Mortality After Hematopoietic Cell Transplantation for Acute Leukemia and Myelodysplastic Syndrome: A Multicenter, Retrospective Cohort Study. *Clin Infect Dis.* 2019 Oct 30;69(10):1771-1779. PMCID: PMC6821199
19. Ustun C, Young JH, Papanicolaou GA, Kim S, Ahn KW, Chen M, Abdel-Azim H, Aljurf M, Beitinjaneh A, Brown V, Cerny J, Chhabra S, Kharfan-Dabaja MA, Dahi PB, Daly A, Dandoy CE, Dvorak CC, Freytes CO, Hashmi S, Lazarus H, Ljungman P, Nishihori T, Page K, Pingali SRK, Saad A, Savani BN, Weisdorf D, Williams K, Wirk B, Auletta JJ, Lindemans CA, Komanduri K, Riches M. Bacterial blood stream infections (BSIs), particularly post-engraftment BSIs, are associated with increased mortality after allogeneic hematopoietic cell transplantation. *Bone Marrow Transplant.* 2019 Aug;54(8):1254-1265. PMCID: PMC6565512
20. Brunstein CG, Pasquini MC, Kim S, Fei M, Adekola K, Ahmed I, Aljurf M, Agrawal V, Auletta JJ, Battiwalla M, Bejanyan N, Bubalo J, Cerny J, Chee L, Ciurea SO, Freytes C, Gadalla SM, Gale RP, Ganguly S, Hashmi SK, Hematti P, Hildebrandt G, Holmberg LA, Lahoud OB, Landau H, Lazarus HM, de Lima M, Mathews V, Maziarz R, Nishihori T, Norkin M, Olsson R, Reshef R, Rotz S, Savani B, Schouten HC, Seo S, Wirk BM, Yared J, Mineishi S, Rogosheske J, Perales MA. Effect of

- Conditioning Regimen Dose Reduction in Obese Patients Undergoing Autologous Hematopoietic Cell Transplantation. *Biol Blood Marrow Transplant.* 2019 Mar;25(3):480-487. PMCID: PMC6445718
21. Kim S, Cai J, Couper D. Improving the efficiency of estimation in the additive hazards model for stratified case-cohort design with multiple diseases. *Stat Med.* 2016 Jan 30;35(2):282-93. PMCID: PMC4715780
22. Gupta V, Kennedy JA, Capo-Chichi JM, Kim S, Hu ZH, Alyea EP, Popat UR, Sobecks RM, Scott BL, Gerds AT, Salit RB, Deeg HJ, Nakamura R, Saber W. Genetic factors rather than blast reduction determine outcomes of allogeneic HCT in BCR-ABL-negative MPN in blast phase. *Blood Adv.* 2020 Nov 10;4(21):5562-5573. PMCID: PMC7656913
23. Gupta V, Kim S, Hu ZH, Liu Y, Aljurf M, Bacher U, Beitinjaneh A, Cahn JY, Cerny J, Copelan E, Gadalla SM, Gale RP, Ganguly S, George B, Gerds AT, Gergis U, Hamilton BK, Hashmi S, Hildebrandt GC, Kamble RT, Kindwall-Keller T, Lazarus HM, Liesveld JL, Litzow M, Maziarz RT, Nishihori T, Olsson RF, Rizzieri D, Savani BN, Seo S, Solh M, Szer J, Verdonck LF, Wirk B, Woolfrey A, Yared JA, Alyea EP, Popat UR, Sobecks RM, Scott BL, Nakamura R, Saber W. Comparison of outcomes of HCT in blast phase of BCR-ABL1^{>2} MPN with de novo AML and with AML following MDS. *Blood Advances.* 13 October 2020;4(19):4748-4757.
24. Kim S, Logan B, Riches M, Chen M, Ahn KW. Statistical Methods for Time-Dependent Variables in Hematopoietic Cell Transplantation Studies. *Transplant Cell Ther.* 2021 Feb;27(2):125-132. PMCID: PMC8015678
25. Lee CJ, Kim S, Tecca HR, Bo-Subait S, Phelan R, Brazauskas R, Buchbinder D, Hamilton BK, Battiwala M, Majhail NS, Lazarus HM, Shaw PJ, Marks DI, Litzow MR, Chhabra S, Inamoto Y, DeFilipp Z, Hildebrandt GC, Olsson RF, Kasow KA, Liesveld JL, Rotz SJ, Badawy SM, Bhatt NS, Yared JA, Page KM, Arellano ML, Kent M, Farhadfar N, Seo S, Hematti P, Freytes CO, Rovó A, Ganguly S, Nathan S, Burns L, Shaw BE, Muffly LS. Late effects after ablative allogeneic stem cell transplantation for adolescent and young adult acute myeloid leukemia. *Blood Adv.* 2020 Mar 24;4(6):983-992. PMCID: PMC7094022
26. Hsu JW, Shaw BE, Kim S, Logan BR, Sees JA, Confer DL, Pulsipher MA, Shah N, Switzer GE, Abidi MH, Ahmed IA, Anderlini PN, Bredeson C, Chhabra S, Dandoy CE, Diaz MA, Farhadfar N, Ganguly S, Gergis U, Hale GA, Hematti P, Kamble RT, Kasow KA, Lazarus HM, Liesveld JL, Murthy HS, Olsson RF, Savani BN, Schears R, Seo S, Solh M, Spitzer T, Steinberg A, Sugrue M, Warkentin P, Wingard JR. Collection of Peripheral Blood Progenitor Cells in 1 Day Is Associated with Decreased Donor Toxicity Compared to 2 Days in Unrelated Donors. *Biol Blood Marrow Transplant.* 2020 Jun;26(6):1210-1217. PMCID: PMC7347029
27. Kim S, Xu Y, Zhang MJ, Ahn KW. Stratified proportional subdistribution hazards model with covariate-adjusted censoring weight for case-cohort studies. *Scandinavian Journal of Statistics.* 2020.
28. Gupta V, Kim S, Hu ZH, Liu Y, Aljurf M, Bacher U, Beitinjaneh A, Cahn JY, Cerny J, Copelan E, Gadalla SM, Gale RP, Ganguly S, George B, Gerds AT, Gergis U, Hamilton BK, Hashmi S, Hildebrandt GC, Kamble RT, Kindwall-Keller T, Lazarus HM, Liesveld JL, Litzow M, Maziarz RT, Nishihori T, Olsson RF, Rizzieri D, Savani BN, Seo S, Solh M, Szer J, Verdonck LF, Wirk B, Woolfrey A, Yared JA, Alyea EP, Popat UR, Sobecks RM, Scott BL, Nakamura R, Saber W. Comparison of outcomes of HCT in blast phase of BCR-ABL1- MPN with de novo AML and with AML following MDS. *Blood Adv.* 2020 Oct 13;4(19):4748-4757. PMCID: PMC7556156
29. Hamadani M, Gopal AK, Pasquini M, Kim S, Qiu X, Ahmed S, Lazaryan A, Bhatt VR, Daly A, Lulla P, Ciurea S, Gauthier J, Agrawal V, Grover NS, Lekakis L, Modi D, Dahi PB, Herr MM, Johnson PC, Hashmi H, Hematti P, Locke FL. Allogeneic transplant and CAR-T therapy after autologous transplant failure in DLBCL: a noncomparative cohort analysis. *Blood Adv.* 2022 Jan 25;6(2):486-494. PMCID: PMC8791562
30. Cancio M, Hebert K, Kim S, Aljurf M, Olson T, Anderson E, Burroughs L, Vatsayan A, Myers K, Hashem H, Hanna R, Horn B, Prestidge T, Boelens JJ, Boulad F, Eapen M. Outcomes in Hematopoietic Stem Cell Transplantation for Congenital Amegakaryocytic Thrombocytopenia. *Transplant Cell Ther.* 2022 Feb;28(2):101.e1-101.e6. PMCID: PMC8816844
31. Singh A, Dandoy CE, Chen M, Kim S, Mulroney CM, Kharfan-Dabaja MA, Ganguly S, Maziarz RT, Kanakry CG, Kanakry JA, Patel SS, Hill JA, De Oliveir S, Taplitz R, Hematti P, Lazarus HM, Abid MB, Goldsmith SR, Romee R, Komanduri KV, Badawy SM, Friend BD, Beitinjaneh A, Politikos I, Perales MA, Riches M. Post-Transplantation Cyclophosphamide Is Associated with an Increase in Non-Cytomegalovirus Herpesvirus Infections in Patients with Acute Leukemia and Myelodysplastic Syndrome. *Transplant Cell Ther.* 2022 Jan;28(1):48.e1-48.e10. PMCID: PMC9717499

32. Cai J, Kim S. Case-cohort design in hematopoietic cell transplant studies. *Bone Marrow Transplant*. 2022 Jan;57(1):1-5. PMCID: PMC8738130
33. Marsh RA, Hebert K, Kim S, Dvorak CC, Aquino VM, Baker KS, Chellapandian D, Dávila Saldaña B, Duncan CN, Eckrich MJ, Georges GE, Olson TS, Pulsipher MA, Shenoy S, Stenger E, Lugt MV, Yu LC, Gennery AR, Eapen M. Comparison of hematopoietic cell transplant conditioning regimens for hemophagocytic lymphohistiocytosis disorders. *J Allergy Clin Immunol*. 2022 Mar;149(3):1097-1104.e2. PMCID: PMC8821728
34. Mulroney CM, Abid MB, Bashey A, Chemaly RF, Ciurea SO, Chen M, Dandoy CE, Diaz Perez MA, Friend BD, Fuchs E, Ganguly S, Goldsmith SR, Kanakry CG, Kim S, Komanduri KV, Krem MM, Lazarus HM, Ljungman P, Masiarz R, Nishihori T, Patel SS, Perales MA, Romee R, Singh AK, Reid Wingard J, Yared J, Riches M, Taplitz R. Incidence and impact of community respiratory viral infections in post-transplant cyclophosphamide-based graft-versus-host disease prophylaxis and haploidentical stem cell transplantation. *Br J Haematol*. 2021 Jul;194(1):145-157. PMCID: PMC8853845
35. He Y, Kim S, Kim MO, Saber W, Ahn KW. Optimal treatment regimes for competing risk data using doubly robust outcome weighted learning with bi-level variable selection. *Comput Stat Data Anal*. 2021 Jun;158. PMCID: PMC8117077
36. Goldsmith SR, Abid MB, Auletta JJ, Bashey A, Beitinjaneh A, Castillo P, Chemaly RF, Chen M, Ciurea S, Dandoy CE, Díaz MÁ, Fuchs E, Ganguly S, Kanakry CG, Kanakry JA, Kim S, Komanduri KV, Krem MM, Lazarus HM, Liu H, Ljungman P, Masiarz R, Mulroney C, Nathan S, Nishihori T, Page KM, Perales MA, Taplitz R, Romee R, Riches M. Posttransplant cyclophosphamide is associated with increased cytomegalovirus infection: a CIBMTR analysis. *Blood*. 2021 Jun 10;137(23):3291-3305. PMCID: PMC8351903
37. Xu Y, Kim S, Zhang MJ, Couper D, Ahn KW. Competing risks regression models with covariates-adjusted censoring weight under the generalized case-cohort design. *Lifetime Data Anal*. 2022 Apr;28(2):241-262. PMCID: PMC8977245
38. Kim S, Kim JK, Ahn KW. A calibrated Bayesian method for the stratified proportional hazards model with missing covariates. *Lifetime Data Anal*. 2022 Apr;28(2):169-193. PMCID: PMC8977246
39. Guru Murthy GS, Kim S, Hu ZH, Estrada-Merly N, Abid MB, Aljurf M, Bacher U, Badawy SM, Beitinjaneh A, Bredeson C, Cahn JY, Cerny J, Diaz Perez MA, Farhadfar N, Gale RP, Ganguly S, Gergis U, Hildebrandt GC, Grunwald MR, Hashmi S, Hossain NM, Kalaycio M, Kamble RT, Kharfan-Dabaja MA, Hamilton BK, Lazarus HM, Liesveld J, Litzow M, Marks DI, Murthy HS, Nathan S, Nazha A, Nishihori T, Patel SS, Pawarode A, Rizzieri D, Savani B, Seo S, Solh M, Ustun C, van der Poel M, Verdonck LF, Vij R, Wirk B, Oran B, Nakamura R, Scott B, Saber W. Relapse and Disease-Free Survival in Patients With Myelodysplastic Syndrome Undergoing Allogeneic Hematopoietic Cell Transplantation Using Older Matched Sibling Donors vs Younger Matched Unrelated Donors. *JAMA Oncol*. 2022 Mar 01;8(3):404-411. PMCID: PMC8759031
40. Cai J, Kim S. Correction: Case-cohort design in hematopoietic cell transplant studies. *Bone Marrow Transplant*. 2022 Jan;57(1):145.
41. Olson TS, Frost BF, Duke JL, Dribus M, Xie HM, Prudowsky ZD, Furutani E, Gudera J, Shah YB, Ferriola D, Dinou A, Pagkrati I, Kim S, Xu Y, He M, Zheng S, Nijim S, Lin P, Xu C, Nakano TA, Oved JH, Carreno BM, Bolon YT, Gadalla SM, Marsh SG, Paczesny S, Lee SJ, Monos DS, Shimamura A, Bertuch AA, Gragert L, Spellman SR, Babushok DV. Pathogenicity and impact of HLA class I alleles in aplastic anemia patients of different ethnicities. *JCI Insight*. 2022 Nov 22;7(22). PMCID: PMC9746824
42. He Y, Kim S, Mao L, Ahn KW. Marginal semiparametric transformation models for clustered multivariate competing risks data. *Stat Med*. 2022 Nov 20;41(26):5349-5364. PMCID: PMC9650627
43. Feurstein S, Trottier AM, Estrada-Merly N, Pozsgai M, McNeely K, Drazer MW, Ruhle B, Sadera K, Koppayi AL, Scott BL, Oran B, Nishihori T, Agrawal V, Saad A, Lindsley RC, Nakamura R, Kim S, Hu Z, Sobecks R, Spellman S, Saber W, Godley LA. Germ line predisposition variants occur in myelodysplastic syndrome patients of all ages. *Blood*. 2022 Dec 15;140(24):2533-2548. PMCID: PMC9918848
44. Dholaria B, Radujkovic A, Estrada-Merly N, Sirait T, Kim S, Hernández-Boluda JC, Czerw T, Hayden PJ, Kansagra A, Ho VT, Nishihori T, Shaughnessy P, Scott B, Nakamura R, Oran B, Kharfan-Dabaja M, Savani BN, McLornan D, Yakoub-Agha I, Saber W. Outcomes of allogeneic haematopoietic cell transplantation for chronic neutrophilic leukaemia: A combined CIBMTR/CMWP of EBMT analysis. *Br J Haematol*. 2022 Aug;198(4):785-789. PMCID: PMC9750039
45. Mei M, Pillai R, Kim S, Estrada-Merly N, Afkhami M, Yang L, Meng Z, Abid MB, Aljurf M, Bacher U,

- Beitinjaneh A, Bredeson C, Cahn JY, Cerny J, Copelan E, Cutler C, DeFilipp Z, Diaz Perez MA, Farhadfar N, Freytes CO, Gadalla SM, Ganguly S, Gale RP, Gergis U, Grunwald MR, Hamilton BK, Hashmi S, Hildebrandt GC, Lazarus HM, Litzow M, Munker R, Murthy HS, Nathan S, Nishihori T, Patel SS, Rizzieri D, Seo S, Shah MV, Solh M, Verdonck LF, Vij R, Sobecks RM, Oran B, Scott BL, Saber W, Nakamura R. The mutational landscape in chronic myelomonocytic leukemia and its impact on allogeneic hematopoietic cell transplantation outcomes: a Center for Blood and Marrow Transplantation Research (CIBMTR) analysis. *Haematologica*. 2023 Jan 01;108(1):150-160. PMCID: PMC9827167
46. Ramanathan M, Kim S, He N, Chen M, Hematti P, Abid MB, Rotz SJ, Williams KM, Lazarus HM, Wirk B, Yin DE, Kanakry CG, Perales MA, Chemaly RF, Dandoy CE, Riches M, Ustun C. The incidence and impact of *Clostridioides difficile* infection on transplant outcomes in acute leukemia and MDS after allogeneic hematopoietic cell transplant-a CIBMTR study. *Bone Marrow Transplant*. 2023 Apr;58(4):360-366. PMCID: PMC10079577
47. Murthy GSG, Kim S, Estrada-Merly N, Abid MB, Aljurf M, Assal A, Badar T, Badawy SM, Ballen K, Beitinjaneh A, Cerny J, Chhabra S, DeFilipp Z, Dholaria B, Perez MAD, Farhan S, Freytes CO, Gale RP, Ganguly S, Gupta V, Grunwald MR, Hamad N, Hildebrandt GC, Inamoto Y, Jain T, Jamy O, Juckett M, Kalaycio M, Krem MM, Lazarus HM, Litzow M, Munker R, Murthy HS, Nathan S, Nishihori T, Ortí G, Patel SS, Van der Poel M, Rizzieri DA, Savani BN, Seo S, Solh M, Verdonck LF, Wirk B, Yared JA, Nakamura R, Oran B, Scott B, Saber W. Association between the choice of the conditioning regimen and outcomes of allogeneic hematopoietic cell transplantation for myelofibrosis. *Haematologica*. 2023 Jul 01;108(7):1900-1908. PMCID: PMC10316233
48. Martens MJ, Kim S, Ahn KW. Sample size and power determination for multiparameter evaluation in nonlinear regression models with potential stratification. *Biometrics*. 2023 Dec;79(4):3916-3928. PMCID: PMC10749377
49. Nakamura R, Patel BA, Kim S, Wong FL, Armenian SH, Groarke EM, Keesler DA, Hebert KM, Heim M, Eapen M, Young NS. Conditional survival and standardized mortality ratios of patients with severe aplastic anemia surviving at least one year after hematopoietic cell transplantation or immunosuppressive therapy. *Haematologica*. 2023 Dec 01;108(12):3298-3307. PMCID: PMC10690917
50. Papanicolaou GA, Chen M, He N, Martens MJ, Kim S, Batista MV, Bhatt NS, Hematti P, Hill JA, Liu H, Nathan S, Seftel MD, Sharma A, Waller EK, Wingard JR, Young JH, Dandoy CE, Perales MA, Chemaly RF, Riches M, Ustun C. Incidence and Impact of Fungal Infections in Post-Transplantation Cyclophosphamide-Based Graft-versus-Host Disease Prophylaxis and Haploidentical Hematopoietic Cell Transplantation: A Center for International Blood and Marrow Transplant Research Analysis. *Transplant Cell Ther*. 2024 Jan;30(1):114.e1-114.e16. PMCID: PMC10872466
51. Kim S, Fang X, Ahn KW. The analysis of multiple outcomes, multiple variables and variables selection in hematopoietic cell transplantation studies. *Best Pract Res Clin Haematol*. 2023 Sep;36(3):101478. PMCID: PMC10447944
52. Khanal M, Kim S, Ahn KW. Adjusted curves for clustered survival and competing risks data Communications in Statistics: Simulation and Computation. 2023.
53. Ustun C, Chen M, Kim S, Auletta JJ, Batista MV, Battwalla M, Cerny J, Gowda L, Hill JA, Liu H, Munshi PN, Nathan S, Seftel MD, Wingard JR, Chemaly RF, Dandoy CE, Perales MA, Riches M, Papanicolaou GA. Post-transplantation cyclophosphamide is associated with increased bacterial infections. *Bone Marrow Transplant*. 2024 Jan;59(1):76-84.
54. Marsh RA, Hebert K, Kim S. Comparison of hematopoietic cell transplant conditioning regimens for hemophagocytic lymphohistiocytosis disorders National Medical Journal of China. 26 July 2022;102(28):2209.
55. Fang X, Ahn KW, Cai J, Kim S. Efficient estimation for left-truncated competing risks regression for case-cohort studies. *Biometrics*. 2024 Jan 29;80(1). PMCID: PMC10826882