Curriculum Vitae

LJ Wei

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Department of Biostatistics
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Education

1970	B.S., Mathematics, Fu-Jen University, Taipei, Taiwan
1975	Ph.D., Statistics, University of Wisconsin, Madison

Working Experience

2003-2004	Acting Chair Department of Biostatistics Harvard University
1997-present	Professor of Biostatical Science and Computational Biology Dana-Farber Cancer Institute
1991-present	Professor of Biostatistics Harvard University
1988-1991	Professor of Statistics and Human Oncology Associate Director, Biostatistics Center, University of Wisconsin, Madison, Wisconsin
1986-1988	Professor of Biostatistics and Statistics University of Michigan; Director, Biostatistics Unit University of Michigan Cancer Center
1985-1986	Professor of Statistics George Washington University

1984-1985	Visiting Professor of Biostatistics Harvard University
1981-1984	Professor of Statistics George Washington University
1980-1981	Cancer Expert National Cancer Institute, NIH
1979-1981	Associate Professor of Statistics University of South Carolina
1975-1979	Assistant Professor of Statistics University of South Carolina

Honors

2009	Wilks Memorial Award, American Statistical Association
2007	Mosteller Statistician of the Year (sponsored by Boston Chapter, American Statistical Association)
2001	Greenberg Distinguished Lectureship Univ. of North Carolina at Chapel Hill
1999	Distinguished Alumni Award, Fu Jen University
1993	Fellow, Institute of Mathematical Statistics
1991	A.M. (Honorary Degree), Harvard University
1988	Elected Member, International Statistical Institute
1986	Fellow, American Statistical Association
1987	Spiegelman Award for Outstanding Statistical Research in Public Health, American Public Health Association

Editorial Activities

1984-1991	Associate Editor, Journal of the American Statistical Association(Theory and Methods Section)
1993-1996	Associate Editor, Journal of the American Statistical Association(Theory and Methods Section)
2005-present	Associate Editor, Journal of the American Statistical Association(Theory and Methods Section)
1984-1988	Member of Editorial Board, Communications in Statistics (A)
1988-1996	Associate Editor, Statistica Sinica

1989-1993	Associate Editor, Biometrics
1990-2000	Associate Editor, Journal of Biopharmaceutical Statistics,

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Ph.D. Students

I. Levint (1983) Nonparametric survival analysis for block designs

C. Cowan (1984) The effect of misclassification on estimates from capture and recapture studies

W. Johnson (1985) Combining dependent tests with incomplete repeated measurements

C. S. Davis (1987) Nonparametric methods for analyzing incomplete non-decreasing repeated measurements

D. Y. Lin (1989) Robust inference and goodness-of-fit tests for Cox's proportional hazards model

J. Su (1990) Lack-of-fit tests for generalized linear models

E. Lee (1991) Regression analysis for the correlated clustered failure time data

J.S. Lin (1991) Analysis of multivariate survival data

S.H. Jung (1992) Survival analysis with median regression models

S. C. Cheng (1995) Transformation models for survival data

Li Chen (1996) Analysis of correlated observations

Jason Fine (1998) Statistical methods for competing risks data

T. Cai (1999) Analysis of clustered failure time data

L. Tian (2002) Regression analysis of time-varying coefficients models

Y. Park (2004) Semi-parametric inferences for censored survival time data

L. Leon (2005) Robust inference and model checking techniques for censored linear regression models (Co-advisor)

James Signorovitch (2007) Identifying informative biological markers in high-dimensional genomic data and clinical trials

Brian Claggett (2012) Statistical methods for clinical trials with multiple outcomes, HIV surveillance, and nonparametric meta-analysis

Florence Yong (2015) Quantitative methods for stratified medicine

Statistical Method Research Publications

1. Wei, L.J. (1977) "A class of designs for sequential clinical trials," Journal of the American Statistical Association, 72:382–386.

2. Padgett, W.J. and Wei, L.J. (1977) "Bayes estimation of reliability for the two-parameter lognormal distribution," Communications in Statistics, A:443–447.

3. Wei, L.J. (1977) "A sequential searching scheme for an optimal dosage," Australian Journal of Statistics, 18:163–171.

4. Wei, L.J. (1978) "The adaptive biased coin design for sequential experiments," Annals of Statistics, 6:92–100.

5. Wei, L.J. (1978) "On the random allocation design for the control of selection bias," Biometrika, 65:79–84.

6. Wei, L.J. (1978) "A class of treatment assignment rules for sequential experiments," Communications in Statistics, A:285–295.

7. Wei, L.J. and Durham, S. (1978) "The randomized play-the-winner rule," Journal of the American Statistical Association, 73:840–843.

8. Wei, L.J. (1978) "The application of an urn model in controlled clinical trials," Journal of the American Statistical Association, 73:559–563.

9. Padgett, W.J. and Wei, L.J. (1978) "Lower bounds on reliability for the log-normal model and comparison with a classical lower confidence bound," IEEE Transaction of Reliability, 161–165.

10. Wei, L.J. (1979) "The generalized Polya's urn design for sequential experiments," Annals of Statistics, 7:291–296.

11. Padgett, W.J. and Wei, L.J. (1980) "Estimation for the three-parameter inverse Gaussian distribution," Communications in Statistics, A:129–137.

12. Spurrier, J. and Wei, L.J. (1980) "A test of the exponential parameter in the Type 1 censoring case," Journal of the American Statistical Association, 75:405–409.

13. Padgett, W.J. and Wei, L.J. (1980) "Maximum likelihood estimation of a distribution function with monotone failure rate based on censored observations," Biometrika, 67:470–474.

14. Wei, L.J. (1980) "A generalized Gehan and Gilbert test for paired observations which are subject to arbitrary right censorship," Journal of the American Statistical Association, 75:634–637.

15. Padgett, W.J. and Wei, L.J. (1981) "A Bayesian nonparametric estimation of survival probability assuming increasing failure rate," Communications in Statistics, A:49–63.

16. Wei, L.J. (1981) "Estimation of location difference for fragmentary samples," Biometrika, 76:471–476.

17. Wei, L.J. (1981) "Asymptotic conservativeness and efficiency of Kruskal-Wallis test for K dependent samples," Journal of the American Statistical Association, 76:1006–1009.

18. Wei, L.J. (1982) "Interval estimation of location differences with missing observations," Biometrika, 69:249–251.

19. Wei, L.J. (1982) "Asymptotically distribution-free simultaneous confidence region of treatment differences in a randomized block design," Journal of the Royal Statistical Society (B), 44:201–208.

20. Padgett, W.J. and Wei, L.J. (1982) "Estimation of the ratio of two parameters with censored observations," Biometrika, 69:252–256.

21. Slud, E. and Wei, L.J. (1982) "Repeated significance test for censored observations with a modified Wilcoxon statistic," Journal of the American Statistical Association, 77:861–869.

22. Padgett, W.J. and Wei, L.J. (1982) "A sequential test and interval estimation in time truncated life testing," Sankhya A, 44:242–250.

23. Wei, L.J. and Gehan, E. (1983) "The Gehan-Gilbert Test." The Encyclopedia of Statistical Sciences. Vol. 3, pp. 318–320. Edited by N. L. Johnson and S. Kotz. New York: Wiley.

24. Wei, L.J. (1983) "The Friedman's urn model." The Encyclopedia of Statistical Sciences. Vol. 3, p. 251. Edited by N. L. Johnson and S. Kotz. New York: Wiley.

25. Wei, L.J. and Gail, M. (1983) "Nonparametric estimation for a scale-change model with censored observations," Journal of the American Statistical Association, 78:382–388.

26. Wei, L.J. (1983) "Tests for independence in the presence of missing values," Australian Journal of Statistics, 24:85–90.

27. Smythe, R.T. and Wei, L.J. (1983) "Significance test with a restricted randomization design," Biometrika, 70:496–500.

28. Wei, L.J. (1983) "Tests for interchangeability with incomplete paired observations," Journal of the American Statistical Association, 78:725–729.

29. Wei, L.J. and Cowan, C. "Selection Bias." The Encyclopedia of Statistical Sciences. Vol. VI. Edited by N. L. Johnson and S. Kotz. New York: Wiley.

30. Wei, L.J. and Byar, D. "Play-the-winner's rule." The Encyclopedia of Statistical Sciences. Vol. VI. Edited by N. L. Johnson and S. Kotz. New York: Wiley.

31. Padgett, W.J. and Wei, L.J. (1984) "Interval estimation after sequential testing based on the total time on tests," Journal of Operations Research, 726–731.

32. Wei, L.J. and Lachin, J. (1984) "Nonparametric multivariate tests for incomplete observations," Journal of the American Statistical Association, 79:653–661.

33. Wei, L.J. (1984) "Testing goodness-of-fit for proportional hazards model with censored observations," Journal of the American Statistical Association, 79:649–652.

34. Wei, L.J. and Johnson, W. (1985) "Combining dependent tests with incomplete repeated measurements," Biometrika, 72:359–364.

35. Wei, L.J. and Pee, D. (1985) "Distribution-free methods of estimating location difference with censored paired data," Journal of the American Statistical Association, 80:405–410.

36. Wei, L.J., Smythe, R., and Smith, R. (1986) "On restricted randomization rules in clinical trials," Annals of Statistics, 14:265–274.

37. Wei, L.J. (1987) "Two-sample problem with bivariate exchangeable observations," Journal of the Royal Statistical Society (B), 49:40–45.

38. Wei, L.J. and Knuiman, N.W. (1988) "A one-sided rank test for multivariate censored data," The Australian Journal of Statistics, 29:214–219.

39. Wei, L.J. and Stram, D. (1988) "Analyzing repeated measurements with possibly missing observations by modeling marginal distributions," Statistics in Medicine, 7:139–148.

40. Mehta, C.R., Patel, N., and Wei, L.J. (1988) "Constructing exact significance tests with restricted randomization rules," Biometrika, 75:295–302.

41. Stram, D., Wei, L.J., and Ware, J. (1988) "Analysis of repeated ordered categorical observations," Journal of the American Statistical Association, 83:631–637.

42. Wei, L.J. (1988) "Constructing exact two-sample permutational tests with the randomized play-the-winner rule," Biometrika, 75:603–606.

43. Lachin, J. and Wei, L.J. (1988) "Analysis of non-independent 2×2 tables with partially missing observations," Biometrics, 44:513–528.

44. Wei, L.J. and Lachin, J. (1988) "Properties of the urn randomization in clinical trials," Controlled Clinical Trials, 9:345–364.

45. Davis, C.S. and Wei, L.J. (1988) "Analysis of nondecreasing repeated measurements," Biometrics, 44:1005–1018.

46. Wei, L.J., Smythe, R.T., and Mehta, C.R. (1989) "Interval estimation with restricted randomization rules," Biometrika, 76:363–368.

47. Lin, D.Y. and Wei, L.J. (1989) "Discussion of 'Interim analysis: the repeated confidence interval approach,' by C. Jennison and B. W. Turnbull." Journal of the Royal Statistical Society (B), 51:347–348.

48. Lin, D.Y. and Wei, L.J. (1989) "Discussion of 'Investigating therapies of potentially great benefit: ECMO,' by J. Ware." Statistical Science, 4:324–325.

49. Lin, D.Y. and Wei, L.J. (1989) "The robust inference for the Cox proportional hazards model," Journal of the American Statistical Association, 84:1074–1078.

50. Wei, L.J., Lin, D.Y., and Weissfeld, L. (1989) "Regression analysis of multivariate incomplete failure time data by modeling marginal distributions," Journal of the American Statistical Association, 84:1065–1073.

51. Wei, L.J., Smythe, R.T., Lin, D.Y., and Park, T.S. (1990) "Statistical inference with data-dependent treatment allocation rules," Journal of the American Statistical Association, 95:157–162.

52. Wei, L.J., Su, J., and Lachin, J. (1990) "Interim analyses with repeated measurements in a sequential clinical trial," Biometrika, 77:359–364.

53. Wei, L.J. (1990) "Comments on 'On inferences from Wei's biased coin design for clinical trials' by C. Begg," Biometrika, 77:476–477.

54. Wei, L.J., Ying, Z., and Lin, D.Y. (1990) "Linear regression analysis for censored observations based on rank tests," Biometrika, 77:845–851.

55. Lin, D.Y. and Wei, L.J. (1991) "A lack-of-fit test for a general Cox's regression model," Statistica Sinica, 1:1–17.

56. Su, J. and Wei, L.J. (1991) "A lack-of-fit test for the generalized linear model," Journal of the American Statistical Association, 86:420–426.

57. Lin, D.Y. and Wei, L.J. (1991) "Repeated confidence intervals for a scale change in a sequential survival study," Biometrics, 47:289–294.

58. Lin, J.S. and Wei, L.J. (1992) "Buckley-James procedures for failure time data," Biometrics, 48:679–681.

59. Wei, L.J. (1992) "Accelerated failure time model: a useful alternative to the Cox model in the analysis of survival data," Statistics in Medicine, 11:1871–1880.

60. Lin, J.S. and Wei, L.J. (1992) "Linear regression analysis for multivariate failure time observations," Journal of the American Statistical Association, 87:1091–1097.

61. Lin, D.Y. and Wei, L.J. (1992) "Comments on the paper 'A survey of exact inference for contingency tables' by A. Agresti," Statistical Science, 7:166–167.

62. Ying, Z., Lin. J.S., and Wei, L.J. (1992) "Prediction of survival probability based on a linear regression model," Biometrika, 79:205–209.

63. Lee, E., Wei, L.J., and Amato, D. (1992) "Cox-type regression analysis for large numbers of small groups of correlated failure time observations," in Survival Analysis: State of the Art, NATO ASI Series, Vol. 211, edited by J.P. Klein and P.K. Goel.

64. Lin, D.Y., Wei, L.J., and DeMets, D.L. (1991) "Exact statistical inference for group sequential trials," Biometrics, 47:1399–1408.

65. Lee, E., Wei, L.J., and Ying, Z. (1993) "Linear regression analysis for highly stratified failure time data," Journal of the American Statistical Association, 88:557–565.

66. Su, John Q. and Wei, L.J. (1993) "Nonparametric estimation for the difference or ratio of median failure times," Biometrics, 49:603–607.

67. Lin, D.Y., Wei, L.J., and Ying, Z. (1993) "Checking the Cox model with cumulative sums of martingale residuals," Biometrika, 80:557–572.

68. Ying, Z., Jung, S.H., and Wei, L.J. (1995) "Median regression analysis with censored data," Journal of the American Statistical Association, 90:178–184.

69. Keaney, K.M., and Wei, L.J. (1994) "Interim analysis based on median survival times," Biometrika, 81:279–286.

70. Parzen, M.I., Wei, L.J., and Ying, Z. (1994) "A resampling method based on pivotal estimating functions," Biometrika, 81:341–350.

71. Lin, D.Y., Fleming, T.R., and Wei, L.J. (1994) "Confidence bands for survival curves under the proportional hazards model," Biometrika, 81:73–81.

72. Ying, Z. and Wei, L.J. (1994) "The Kaplan-Meier estimate for dependent failure time observations," Journal of Multivariate Analysis, 50:17–29.

73. Lin, D.Y., Robins, J.M. and Wei, L.J. (1996) "Comparing two failure time distributions in the presence of dependence censoring," Biometrika, 83:381–393.

74. Cheng, S.C., Wei, L.J. and Ying, Z. (1995) "Analysis of transformation models with censoring data," Biometrika, 82:835–845.

75. Yao, Q. and Wei, L.J. (1996) "Play the winners for phase II and III clinical trials," Statistics in Medicine, 15:2413–2423.

76. Wei, L.J. and Glidden, D. (1996) "An overview of statistical methods for multiple event times data in clinical trials," Statistics in Medicine, 16:833–839.

77. Rossini, A., Wei, L.J. and Z. Ying (1996) "Checking the adequacy of two sample location shift model," Life Data Analysis, 2:145–157.

78. Zackin R. and Wei, L.J. (1997) "Analysis of repeated virological measurements based on cell dilution assays," Statistics in Medicine, 16:571–582.

79. Cheng, C.S., Wei, L.J. and Ying, Z. (1997) "Predicting survival probabilities with semi-parametric transformation models," Journal of the American Statistical Association, 92:227–235.

80. Parzen, M., Wei, L.J., and Ying, Z. (1997) "Simultaneous confidence intervals for the difference of two survival functions," Scandinavian Journal of Statistics, 24.

81. Yao, Q., Wei, L.J. and Hogan, J. (1998) "Analysis of incomplete repeated measurements with dependent follow-up times," Biometrika, 85(1):139–149.

82. Cheng, C.S., Fine, J. and Wei, L.J. (1998) "Prediction of cumulative incidence function under the proportional hazards model," Biometrics, 54(1):219-28.

83. Chen, L. and Wei, L.J. (1997) "Analysis of multivariate survival data with non-proportional hazards models," Proceedings of the First Symposium in Biostatistics: Survival Analysis, Editor: D.Y. Lin and T. Fleming, 23–36.

84. Lin, D.Y., Wei, L.J. and Ying, Z. (1998) "Accelerated failure time models for counting processes," Biometrika, 85(3)605–618.

85. Fine, J., Ying, Z. and Wei, L.J. (1998) "On the linear transformation models for censored data," Biometrika, 85(4)980–986.

86. Glidden, D. and Wei, L.J. (1999) "Rank Estimation of Treatment Differences Based on Repeated Measurements Subject to Dependent Censoring," Journal of the American Statistical Association, 94(447)888–895.

87. Cheng, S.C. and Wei, L.J. (2000) "Inferences for a semi-parametric model with panel data," Biometrika, 87(1)89–97.

88. Sun, T. and Wei, L.J. (2000) "Regression analysis of panel count data with covariate-dependent observation and censoring times," Journal of the Royal Statistical Society. Series B, 62(2):293–302.

89. Cai, T. and Wei, L.J. (2000) "Regression analysis for multivariate failure time observations," Festschrift for George Roussas.

90. Lin, D.Y., Ying, Z. and Wei, L.J. (2001) "Semiparametric transformation models for point processes," Journal of the American Statistical Association, 96(454):620–628.

91. Cai, T., Wei, L.J. and Wilcox, M (2000) "Semiparametric regression analysis for clustered failure time data," Biometrika, 87(4)867–878.

92. Lin, D.Y., Wei, L.J., Yang, I. and Ying, Z. (2000) "Robust inferences for counting processes under Andersen-Gill model," Journal of the Royal Statistical Society. Series B, 62(4)711–730.

93. Foster, A.M., Tian, L. and Wei, L.J. (2001) "Estimation for Box-Cox Transformation model without assuming parametric error distribution", Journal of the American Statistical Association, 96(455):1097–1101.

94. Jin, Z., Ying, Z. and Wei, L.J. (2001) "A simple resampling method by perturbing the minimand," Biometrika, 88(2):381–390.

95. Lin, D.Y., Wei, L.J. and Ying, Z. (2002) "Model-checking techniques based on cumulative residuals," Biometrics, 58(1):1-12.

96. Cai, T., Cheng, S.C. and Wei, L.J. (2002) "Semi-parametric mixed effects models for clustered failure time data," Journal of the American Statistical Association, 97(458):514–522.

97. Gilbert, P., Wei, L.J., Kosorok, M. and Clemens, J. (2002) "Simultaneous inferences on the contrast of two hazard functions with censored observations," Biometrics, 58(4):773-780.

98. Xu, X., Tian, L. and Wei, L.J. (2003) "Combining dependent tests for linkage or association across multiple phenotypic traits," Biostatistics, 4(2):223-229.

99. Park Y. and Wei, L.J. (2003) "Estimating subject-specific survival functions under the accelerated failure time model," Biometrika, 90 (3):717–723.

100. Jin, Z., Lin, DY, Wei, L.J. and Ying, Z. (2003) "Rank-based inference for the accelerated failure time model," Biometrika, 90(2):341–353.

101. Tian, L., Wang, W. and Wei, L.J. (2003) "Estimating predictors for long- or short-term survivors," Biometrics, 59(4):1008-1015.

102. Goldwasser, M.A., Tian, L. and Wei, L.J. (2004) "Statistical inference for infinite dimensional parameters via asymptotically pivotal estimating functions," Biometrika, 91(1):81–94.

103. Tian, L., Liu, Jun, Zhao, Y. and Wei, L.J. (2004) "Statistical inference based on non-smooth estimating functions," Biometrika, 91(4):943–954.

104. Lin M, Wei LJ, Sellers WR, Lieberfarb M, Wong WH, Li C (2004) dChip-SNP : significance curve and clustering of SNP-array-based loss-of-heterozygosity data, Bioinformatics , May 22;20(8):1233-40 .

105. Tian, L., Zucker, D. and Wei, L.J. (2005) "On the Cox model with time-varying regression coefficients," Journal of the American Statistical Association, 100(469):172–183.

106. Cai, T., Tian, L. and Wei, L.J. (2005) "Semiparametric Box-Cox power transformation models for censored survival observations," Biometrika, 92(3):619–632.

107. Uno, H., Tian, L., and Wei, L.J. (2005) "The optimal confidence region for a random parameter," Biometrika, 92(4):957–964.

108. Park, Y., Tian, L. and Wei, L.J. (2006) "One- and two-sample nonparametric inference procedures in the presence of a mixture of independent and dependent censoring," Biostatistics, 7(2):252-67.

109. Tian, L., Liu, J. and Wei, L.J. (2007) "Implementation of estimating function based inference procedure with MCMC samplers," Journal of the American Statistical Association (2007 Disucssion paper for JASA theory and method)

110. Tian, L., Cai, T., Goetghebeur, E. and Wei, L.J. (2007) "Model evaluation based on the sampling distribution of estimated absolute prediction error," Biometrika.

111. Uno, H., Cai, T., Tian, L. and Wei, L.J. (2007) "Evaluating prediction rules for t-year survivors with censored regression models", Journal of American Statistical Association.

112. Park, Y., Downing, S. R., Kim, D., Hahn, W. C., Li, C., Kantoff, P. W., and Wei, L.J. (2007). "Simultaneous and exact interval estimates for the contrast of two groups based on an extremely high dimensional variable: application to mass spec data", Bioinformatics, 23(12): 1451-1458.

113. Cai, T., Tian, L. and Wei, L.J. (2008). "Prediction of future observations via working regression models", to appear in Biomtrika.

114. Tian, L., Cai, T., and Wei, L.J. (2008). "Identifying patients who need additional biomarkers for better prediction of health outcome or diagnosis of clinical phenotype", Biometrics.

115. Signorovitch, J. E., and Wei, L.J. (2007). "Wei-Lin-Weissfeld Method for Multiple Times to Events", Wiley Encyclopedia of Clinical Trials.1-3.

116. Leon, L. F., Cai, T., and Wei, L.J. (2009). "Robust inferences for covariate effects on survival time with censored linear regression models", Statistics in Biosciences, 1(1): 50-64.

117. Tian, L., Cai, T., Piankov, N., Cremieux, P. Y., and Wei, L.J. (2009). "Effectively Combining Independent 2 x 2 Tables for Valid Inferences in Meta Analysis with all Available Data but no Artificial Continuity Corrections for Studies with Zero Events and its Application to the Analysis of Rosiglitazone's Cardiovascular Disease Related Event Data", Biostatistics, 10: 275-281.

118. Cai, T., Tian, L., Uno, H., Solomon, S. D., and Wei, L.J. (2010). "Calibrating parametric subject-specific risk estimation", Biometrika, 97(2): 389-404.

119. Wang, R., Tian, L., Cai, T., and Wei, L.J. (2010). "Nonparametric inference procedure for percentiles of the random effects distribution in meta-analysis", The Annals of Applied Statistics, 520-532.

120. Price, A. L., Kryukov, G. V., de Bakker, P. I., Purcell, S. M., Staples, J., Wei, L. J., and Sunyaev, S. R. (2010) "Pooled association tests for rare variants in exon-resequencing studies", The American Journal of Human Genetics, 86(6): 832-838.

121. Uno, H., Cai, T., Pencina, M. J., D'Agostino, R. B., and Wei, L.J. (2011). "On the C-statistics for evaluating overall adequacy of risk prediction procedures with censored survival data", Statistics in medicine, 30(10): 1105-1117.

122. Li, Y., Tian, L., and Wei, L.J. (2011). "Estimating Subject-Specific Dependent Competing Risk Profile with Censored Event Time Observations", Biometrics, 67(2): 427-435.

123. Cai, T., Tian, L., Wong, P. H., and Wei, L.J. (2011). "Analysis of randomized comparative clinical trial data for personalized treatment selections", Biostatistics, 12(2): 270-282.

124. Uno, H., Cai, T., Tian, L., and Wei, L.J. (2011). "Graphical Procedures for Evaluating Overall and Subject-Specific Incremental Values from New Predictors with Censored Event Time Data", Biometrics, 67(4): 1389-1396.

125. Tian, L., Wang, R., Cai, T., and Wei, L.J. (2011). "The highest confidence density region and its usage for joint inferences about constrained parameters", Biometrics, 67(2): 604-610.

126. Claggett, B., and Wei, L.J. (2011) "Analytical issues regarding rosiglitazone meta-analysis", Archives of Internal Medicine, 171(2): 179-180.

127. Tian, L., Cai, T., Zhao, L., and Wei, L.J. (2012). "On the covariate-adjusted estimation for an overall treatment difference with data from a randomized comparative clinical trial", Biostatistics, 13(2): 256-273.

128. Zhao, L., Tian, L., Uno, H., Solomon, S. D., Pfeffer, M. A., Schindler, J. S., and Wei, L.J. (2012) "Utilizing the integrated difference of two survival functions to quantify the treatment contrast for designing, monitoring, and analyzing a comparative clinical study", Clinical Trials, 9(5): 570-577.

129. Zhao, L., Tian, L., Cai, T., Claggett, B., and Wei, L.J. (2013). "Effectively selecting a target population for a future comparative study", Journal of the American Statistical Association, 108(502): 527-539.

130. Cai, T., Tian, L., Lloyd-Jones, D., and Wei, L.J. (2013). "Evaluating subject-level incremental values of new markers for risk classification rule", Lifetime data analysis, 19(4): 547-567.

131. Tian, L., Zhao, L., and Wei, L.J. (2014) "Predicting the restricted mean event time with the subject's baseline covariates in survival analysis", Biostatistics, 15(2): 222-233.

132. Uno, H., Claggett, B., Tian, L., Inoue, E., Gallo, P., Miyata, T., Schrag, D., Takeuchi, M., Uyama, Y., Zhao, L., Skali, H., Solomon, S., Jacobus, S., Hughes, M., Packer, M., and Wei, L.J. (2014) "Moving beyond the hazard ratio in quantifying the between-group difference in survival analysis", Journal of Clinical Oncology, 32(22):2380-2385.

133. Claggett, B., Tian, L., Castagno, D., and Wei, L.J. (2015). "Treatment selections using risk-benefit profiles based on data from comparative randomized clinical trials with multiple endpoints", Biostatistics, 16(1): 60-72.

134. Uno, H., Wittes, J., Fu, H., Solomon, S.D., Claggett, B., Tian, L., Cai, T., Pfeffer, M.A., Evans, S.R., and Wei, L.J. (2015) "Alternatives to hazard ratios for comparing efficacy or safety of therapies in noninferiority studies", Annals of Internal Medicine, 163(2): 127-134.

135. Uno, H., Tian, L., Claggett, B., and Wei, L.J. (2015). "A versatile test for equality of two survival functions based on weighted differences of Kaplan-Meier curves", Statistics in Medicine, 34(28): 3680-3695.

136. Zhao, L., Claggett, B., Tian, L., Uno, H., Pfeffer, M.A., Solomon, S.D., Trippa, L., and Wei, L.J. (2016). "On the Restricted Mean Survival Time Curve in Survival Analysis", Biometrics, 72(1): 215-221.

137. Li, J., Zhao, L., Tian, L., Cai, T., Claggett, B., Callegaro, A., Dizier, B., Spiessens, B., Ulloa-Montoya, F., and Wei, L.J. (2015). "A predictive enrichment procedure to identify potential responders to a new therapy for randomized, comparative, controlled clinical studies", Biometrics, December 21st, 2015 online first publication.

138. Hasegawa, T., Uno, H., and Wei, L.J. (2016). "Nivolumab in nonsquamous non–small-cell lung cancer [Letter to the editor]", The New England Journal of Medicine, 374: 492-493.

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