

Graduate Students:

● **Ph. D. Student**

1. Ken-Ning Hsu (Hsu) (許根寧) 9/2007 ~ 1/2011

Dissertation Title: A Semiparametric Extended Hazards Model

論文題目: 半母數擴充風險模型

2. Ya-Fang Yang(楊雅芳) 9/2009 ~ 6/2013

Dissertation Title: Joint Model of Longitudinal and Survival Data-New

Approach and Numerical Improvement

論文題目: 長期與存活資料之聯合模型-新方法和數值方法的改進

● **Master Students**

1. An-peng Chen(陳安朋) (5/2006~6/2007)

Dissertation Title: Ordered Bivariate Survival Time with Time Dependent

Covariate -Comparison of Marginal Method

論文題目: 有序雙重事件時間分析使用與時間相關的共變數—邊際方法的比較

2. Yi-shan Shih (施伊珊) (5/2006~6/2007)

Dissertation Title: Joint Model for Survival and Longitudinal Data — A Case

Study on Taiwan AIDS Data

論文題目: 存活與長期追蹤資料之聯合模型—台灣愛滋病實例研究

3. Ying-tzu Huang (黃穎慈) (5/2007~6/2008)

Dissertation Title: Joint modelling fecundity and aging of medfly

論文題目: 以聯合模型探討地中海果蠅繁殖力與老化之關係

4. Fu-Jen Chang (張輔仁) (5/2007~6/2008)

Dissertation Title: Bivariate survival with time dependent covariate - a case study

on the relationship between AIDS patient's survival and CD4 / CD8 ratio

論文題目: 時間相依共變數之雙重存活時間分析—台灣愛滋病病患存活時間
與 CD4 / CD8 比值關係之案例研究

5. Jui-ying Chen (陳瑞雲)(5/2007~9/2008)

Dissertation Title: Joint Modeling Approach for Evaluating the Efficacy of HAART via CD4/CD8 Ratio for AIDS Patients in Taiwan

論文題目：聯合模型在雞尾酒療法療效評估之應用—利用 CD4/CD8 比值探討台灣愛滋病資料

6. Xin-ru Kao (高欣如)(5/2008~9/2009)

Dissertation Title: Discussion on Cox Proportional Hazards Assumption and Application of Extended Hazard Model

論文題目：Cox 比例風險假設之探討與擴充風險模型之應用

7. Wen-han Zhang(張雯涵) (5/2008~6/2009)

Dissertation Title: Using Joint Model to Discuss PBC

論文題目：以聯合模型探討原發性膽汁性肝硬化

8. Yi-Jie Fang(方義傑) (5/2008~6/2009)

Dissertation Title: Survival analysis for recurrent event data -a case study on the treatment effects on gamma interferon to the CGD patients" recurrence

論文題目：復發事件存活時間分析-丙型干擾素對慢性肉芽病患復發療效之案例研究

9. Wan-ting Chen(陳婉婷) (5/2008~6/2009)

Dissertation Title: Estimation for Cox proportional hazards model— Comparison between partial likelihood and joint modeling approach

論文題目：Cox 比例風險模型之參數估計—比較部分概似法與聯合模型

10. Hsueh-Ling Chang(張雪玲) (5/2009~6/2010)

Dissertation Title: Survival analysis for recurrent event data-a case study on the treatment effects on rhDNase to th CF patients" recurrence

論文題目：復發事件存活時間分析-rhDNase 對囊狀纖維化病患復發療效之案例研究

11. Chen-feng Hsu(許珍鳳) (5/2009~6/2010)

Dissertation Title: Joint modeling of longitudinal and survival data—A case study in Primary Biliary Cirrhosis data

論文題目:聯合長期追蹤與存活資料分析-原發性膽汁性肝硬化病患之實例研究

12. Chau-liang Huang(黃兆良) (5/2009~6/2010)

Dissertation Title: Survival analysis for recurrent event data-a case study on the treatment effects of thiotepa to the bladder cancer patients' recurrence

論文題目:復發事件存活時間分析-Thiotepa 對膀胱癌病患復發療效之案例研究

13. Chiu-mei Yeh(葉秋梅) (5/2009~6/2010)

Dissertation Title: Joint modeling of longitudinal and survival data— A case study in the liver cirrhosis patients

論文題目:聯合長期追蹤與存活資料分析—肝硬化病患之實例研究

14. Jia-ren Li(李家任) (5/2010~6/2011)

Dissertation Title: The effect of misspecification of regression parameters between Cox and AFT model

論文題目:Cox 模型與 AFT 模型的相互誤判對於迴歸參數影響之探討

15. Hsiu-Chen Yen(顏秀禎) (5/2010~6/2011)

Dissertation Title: Joint modeling of longitudinal and survival data— A case study in patients with resected melanoma

論文題目:聯合長期追蹤與存活資料分析—術後黑色素細胞瘤病患之實例研究

16. Yi-ting Sun(孫怡婷) (5/2010~6/2011)

Dissertation Title: Joint modeling of longitudinal and survival data—A case study in AIDS data

論文題目:聯合長期追蹤與存活資料分析—愛滋病病患之實例分析

17. Heng-hsiu Liu(劉恒秀) (5/2010~6/2011)

Dissertation Title: Discussion on testing proportional hazards assumption

論文題目:比例風險假設檢定之探討

18. Mei-fang Chen(陳美芳) (5/2011~6/2012)

Dissertation Title: Joint modeling of longitudinal and survival data---A case study in patients with resected melanoma

論文題目:聯合長期追蹤與存活資料分析---術後黑色素細胞瘤之實例分析

19. Yi-Chen Lin(林宜蓁) (5/2011~6/2012)

Dissertation Title: Proportional Hazards Test and Estimation for Cox Proportional Hazards model ---- Among Partial Likelihood, Two-stage and Joint modeling approach

論文題目:Cox 比例風險模型之參數估計與比例風險檢定-比較部分概似法、二階段方法以及聯合模型法

20. Che-wei Liao(廖哲瑋) (5/2011~6/2012)

Dissertation Title: Joint modeling of longitudinal and survival data - A case study in AIDS data

論文題目:聯合長期追蹤與存活資料分析-愛滋病病患之實例分析

21. Jin-long Wong(翁金龍) (5/2011~6/2012)

Dissertation Title: Parameters Estimation of Joint Model—Comparison between the JointModel package of MATLAB and the JM package of R

論文題目:聯合模型之參數估計—軟體 MATLAB 套件 JointModel 與軟體 R 套件 JM 之比較

22. Pei-wen Chen(陳珮文) (5/2012~6/2013)

Dissertation Title: The impact of numerical methods on parameter estimation of the joint model

論文題目:不同數值方法對於聯合模型參數估計的影響

23. Pei-wen Hung(洪培紋) (5/2012~6/2013)

Dissertation Title: Use VUS to evaluate the disease prediction under different biomarker combinations

論文題目：以接受者操作特徵曲面下的體積探討不同生物指標的組合對疾病的預測能力

24. Xuan-You Weng(翁瑄佑) (5/2012~6/2013)

Dissertation Title: An AIDS case study in Taiwan — The relationship between the survival time of AIDS patients and their CD4 counts and viral load using joint model to explore

論文題目：台灣愛滋病實例研究— 以聯合模型探討 CD4 細胞數以及病毒乘載量對愛滋病患存活時間之關係

25. Wu, Ming-chun (吳明駿) (5/2013~6/2014)

Dissertation Title: Joint model of parametric extended hazard and longitudinal data

論文題目：有母數擴充風險與長期追蹤資料之聯合模型

26. Chaung, Tzu-Hsine (張滋顯) (5/2013~6/2014)

Dissertation Title: Joint modelling of accelerated failure time and longitudinal data— A case study in cirrhosis data

論文題目：加速失敗與長期追蹤聯合模型分析－肝硬化之實例研究

27. Wu, Wei-Lin (吳威霖) (5/2013~6/2014)

Dissertation Title: The comparison and application of several approaches for semiparametric Receiver Operating Characteristic curves

論文題目：半母數接受者作業特徵曲線之比較及應用

28. Wu, Tain-Wen (吳天文) (5/2013~6/2014)

Dissertation Title: An AIDS case study in Taiwan — Using linear mixed model with detection of limitation to explore the relationship among viralload, CD4 counts and the mearsurement time

論文題目：台灣愛滋病實例研究－以極限測定之線性混合模型探討病患之
CD4 數目與病毒載量對時間的關係；

29. 廖品璇 (2015) 以動態樣本探討地中海果蠅產卵量與壽命之關係.
30. 陳怡瑄 (2015) 使用最大概似估計法探討有母數擴充風險模型.
31. 徐仁華 (2015) 復發事件存活分析的共享廣義伽瑪脆弱因子之半母數聯合模型.
32. 林家聿 (2016) 台灣愛滋病實例研究－以聯合模型探討愛滋病患存活時間與相關生物指標之關係.
33. 徐永東 (2016) 加乘法風險模型結合長期追蹤資料之聯合模型.
34. 張雅玟 (2016) 三種時間相依的接受者作業特徵曲線下面積估計方法之比較與修正.
35. 林韋智 (2017) The joint model of multivariate longitudinal covariates and AFT model – A case study on Taiwanese AIDS cohort study.
36. 王峻嶸 (2017) Joint modeling of parametric additive-multiplicative hazards model and longitudinal data.
37. 林園馨 (2017) Model-base Time dependent AUC and Predictive Accuracy.
38. 葉青青 (2018) Cox-Aalen 模型和長期追蹤資料之聯合建模.
39. 張雯婷 (2018) 加速失效模型與 Cox 風險迴歸模型之模型選擇以時間相依 AUC 及預測精準度為指標.
40. 孫薇婷 (2018) 長期追蹤共變量與加乘法模型之聯合建模.
41. 楊翌婷 (2018) 時間相依 AUC 與預測精準度-以半母數風險迴歸模型為例
42. 王家芸 (2019) Statistical Design for Three-Arm Bioequivalence and Non-Inferiority Confirmatory Clinical Trials Using Binary Outcome as Primary Endpoint.

43. 林冠廷 (2019) 對於右設限存活模型預測精準度的估計.
44. 李忠憲 (2019) 右設限與區間設限的存活模型預測精準度.
45. 陳維佑 (2020) 含有長期追蹤共變量之加乘法風險迴歸模型.
46. 陳秉豪 (2020) 在存活分析中使用擴充風險模型二分一個連續型生物指標的方法.
47. 陳和謙 (2020) 區間設限下的存活模型預測準確度.
48. 林威廷 (2021) 風險回歸模型下時間相依 ROC 曲線.
49. 黃皓庭 (2021) 區間設限下半母數存活模型的布賴爾分數.
50. 林浩田 (2021) 以核平滑概似函數估計加乘法風險迴歸模型.
51. 吳緯綸 (2021) 兩階段適應性無縫設計改良-於劑量選擇後加入一新試驗組之調整.
52. 侯昱宇 (2022) 時間相依 ROC 曲線的修正.
53. 洪嘉妤 (2022) 比較兩種適應性無縫二/三期設計.
54. 康楹婕 (2022) 利用半母數模型計算三臂非劣性試驗的樣本數.
55. 張芷瑄 (2023) 利用參數模型探討三臂非劣性試驗所需樣本數.
56. 余岱錡 (2023) 利用半母數模型分析三臂非劣性試驗.
57. 蔣崇平 (2023) 時間相依一致性指標-三種方法之比較.