Copyright is owned by the Author of the thesis. Permission is given for a copy to be downloaded by an individual for the purpose of research and private study only. The thesis may not be reproduced elsewhere without the permission of the Author. Equestrian Sport and the Work-life Interface: An exploratory study on the combination of horses, family and work in competitive, working horse riders.

A thesis presented in partial fulfillment of the requirements for the degree of Master of Science In Psychology at Massey University, Albany, New Zealand

> Susannah Craies 2015

Abstract

This study investigated the work-life interface and individual outcomes in a novel population of working, equestrian athletes. Work-life balance, enrichment and conflict were investigated under the premise that non-work roles other than family may significantly influence individual and organisational outcomes. Competitive equestrian athletes working outside of equestrian sport (N=100) completed a questionnaire on work-life balance, enrichment, conflict, coping, satisfaction, perceived stress, commitment and performance. Confirmatory factor analysis provided support for the use of modified scales in this population, and alluded to important relationships between variables. Consistent with previous research in the work-life field, this study found significant relationships between work-life balance and enrichment and positive individual outcomes such as life satisfaction, job satisfaction, performance and stress. This study also found significant relationships between work-life conflict and negative individual outcomes. Additionally, this study found work commitment and equestrian sport commitment significantly influenced work-life balance enrichment and conflict. This study concludes that the combination of equestrian sport, work and family is important to consider under the umbrella of work-life balance, enrichment and conflict. In summary, whether equestrian athletes experience positive or negative psychological and performance outcomes is greatly influenced by work-life balance, enrichment, conflict and commitment to roles. Further research should move beyond this exploratory study to further investigate how these variables interact in larger, more complex models.

Acknowledgements

Firstly, thanks go to my supervisor, Richard Fletcher, for his enduring encouragement throughout this project. I never anticipated I could enjoy data analysis as much as I did. Secondly, a big thanks to all of my participants who took time out of their busy lives to complete my questionnaire.

Mum, thanks for trudging around muddy paddocks in the rain and being moral support during my data collection, and all the other support you and Dad have given me through my years at university. Thanks to everyone who has provided support, big or small, it has all made a difference.

	1
Literature Review	5
Chapter 1. The Work-Life Interface	
Work-Life Balance	
Consequences of Work-life Balance	7
Work-Life Conflict	8
Consequences of Work-Life Conflict	
Work-life Enrichment	
Consequences of work-life enrichment	
Chapter 2. Sport and the Work-Life Interface	
Gaps in the literature: Sport as a significant life role	
Consequences of Involvement in Sport	
Role Enrichment and Conflict in Sporting Populations	
Equestrian Sport	
Current Study	
Research Questions	27
Method	28
Research Design	28
Participants	
Measures	
Procedure	
Data Analysis	
Descriptive Statistics	
Reliability Analysis	
Confirmatory Factor Analysis (CFA)	
Evaluation of fit	40
Results	41
Preliminary Data	41
Preliminary Data Missing Data	 41 41
Preliminary Data Missing Data Non-normality	 41 41 41
Preliminary Data Missing Data Non-normality Heywood Variables	41 41 41 41
Preliminary Data Missing Data Non-normality Heywood Variables Descriptive Statistics.	 41 41 41 41 42
Preliminary Data Missing Data Non-normality Heywood Variables Descriptive Statistics Enrichment Scale.	41 41 41 41 42 42
Preliminary Data Missing Data Non-normality Heywood Variables Descriptive Statistics Enrichment Scale Perceived Stress Scale	 41 41 41 41 42 42 43
Preliminary Data Missing Data Non-normality Heywood Variables Descriptive Statistics Enrichment Scale Perceived Stress Scale BriefCOPE Scale	41 41 41 41 42 42 43 44
Preliminary Data Missing Data Non-normality. Heywood Variables Descriptive Statistics. Enrichment Scale Perceived Stress Scale BriefCOPE Scale The Sport Commitment Questionnaire	41 41 41 41 42 42 43 44 46
Preliminary Data Missing Data Non-normality. Heywood Variables Descriptive Statistics Enrichment Scale Perceived Stress Scale BriefCOPE Scale The Sport Commitment Questionnaire Conflict Scale	41 41 41 42 42 42 43 44 46 48
Preliminary Data Missing Data Non-normality Heywood Variables Descriptive Statistics Enrichment Scale Perceived Stress Scale BriefCOPE Scale The Sport Commitment Questionnaire Conflict Scale Performance Scales	41 41 41 42 42 42 43 44 46 48 49
Preliminary Data Missing Data Non-normality Heywood Variables Descriptive Statistics Enrichment Scale Perceived Stress Scale BriefCOPE Scale The Sport Commitment Questionnaire Conflict Scale Performance Scales Organisational Commitment Questionnaire	41 41 41 42 42 42 43 44 46 48 49 51
Preliminary Data Missing Data Non-normality. Heywood Variables Descriptive Statistics. Enrichment Scale Perceived Stress Scale BriefCOPE Scale The Sport Commitment Questionnaire Conflict Scale. Performance Scales. Organisational Commitment Questionnaire Work-Life Balance Scale.	41 41 41 42 42 42 42 43 44 46 48 49 51 51
Preliminary Data Missing Data Non-normality Heywood Variables Descriptive Statistics Enrichment Scale Perceived Stress Scale BriefCOPE Scale The Sport Commitment Questionnaire Conflict Scale Performance Scales Organisational Commitment Questionnaire Work-Life Balance Scale Job Satisfaction	41 41 41 42 42 42 42 43 44 46 48 49 51 52
Preliminary Data	41 41 41 42 42 42 43 44 46 48 49 51 52 52
Preliminary Data Missing Data Non-normality. Heywood Variables Descriptive Statistics Enrichment Scale Perceived Stress Scale BriefCOPE Scale The Sport Commitment Questionnaire Conflict Scale Performance Scales Organisational Commitment Questionnaire Work-Life Balance Scale Job Satisfaction Life Satisfaction Scale Measurement Models	41 41 41 42 42 42 43 44 48 48 48 49 51 51 52 52 52 53
Preliminary Data	41 41 41 42 42 42 42 43 42 43 44 48 48 51 51 52 52 53 58
Preliminary Data Missing Data Non-normality Heywood Variables Descriptive Statistics Enrichment Scale Perceived Stress Scale BriefCOPE Scale The Sport Commitment Questionnaire Conflict Scale Performance Scales Organisational Commitment Questionnaire Work-Life Balance Scale Job Satisfaction Life Satisfaction Scale Measurement Models Structural Models Qualitative Data	41 41 41 42 42 43 44 48 48 48 49 51 51 52 52 53 58 66
Preliminary Data Missing Data Non-normality Heywood Variables Descriptive Statistics Enrichment Scale Perceived Stress Scale BriefCOPE Scale The Sport Commitment Questionnaire Conflict Scale. Performance Scales. Organisational Commitment Questionnaire Work-Life Balance Scale Job Satisfaction Life Satisfaction Scale Measurement Models Structural Models. Qualitative Data	41 41 41 42 42 42 42 42 43 44 48 49 51 52 52 52 53 58 66
Preliminary Data Missing Data Non-normality. Heywood Variables Descriptive Statistics. Enrichment Scale. Perceived Stress Scale BriefCOPE Scale The Sport Commitment Questionnaire Conflict Scale. Performance Scales. Organisational Commitment Questionnaire Work-Life Balance Scale. Job Satisfaction. Life Satisfaction Scale. Measurement Models Structural Models. Qualitative Data. Discussion	41 41 41 42 42 42 42 42 43 44 48 48 49 51 52 52 53 58 66 67
Preliminary Data Missing Data Non-normality Heywood Variables Descriptive Statistics. Enrichment Scale. Perceived Stress Scale. BriefCOPE Scale. The Sport Commitment Questionnaire Conflict Scale. Performance Scales. Organisational Commitment Questionnaire. Work-Life Balance Scale. Job Satisfaction. Life Satisfaction Scale. Measurement Models Structural Models. Qualitative Data Discussion Structure of Measures Structural Model Hypothesis Testing	41 41 41 42 42 42 43 44 48 44 48 49 51 52 52 52 53 58 66 67 68 70
Preliminary Data Missing Data Non-normality. Heywood Variables Descriptive Statistics. Enrichment Scale. Perceived Stress Scale BriefCOPE Scale The Sport Commitment Questionnaire Conflict Scale. Performance Scales. Organisational Commitment Questionnaire Work-Life Balance Scale. Job Satisfaction. Life Satisfaction Scale. Measurement Models Structural Models. Qualitative Data. Discussion	41 41 41 42 42 43 44 48 48 49 51 52 52 52 53 58 66 67 78

Table of Contents

Conclusion	
Reference List	83
Appendix A	
Correlation Matrix	
Appendix B	101
Alphabetical list of Participants' Occupations.	
Appendix C	103
Information Sheet for Participants	103
Appendix D	105
Work-Life Balance Questionnaire (Counterbalance A)	

List of Tables

Table 1. Summary Descriptive Statistics for Enrichment Items

Table 2. Summary Descriptive Statistics and Reliabilities For Enrichment Subscales

Table 3. Summary Descriptive Statistics for the PSS

Table 4. Summary Descriptive Statistics and Reliabilities for PSS Subscales

Table 5. Summary Descriptive Statistics and Reliabilities for the BriefCOPE Subscales

Table 6. Summary Descriptive Statistics for the BriefCOPE

Table 7. Summary Descriptive Statistics for the Sport Commitment Questionnaire

Table 8. Summary Descriptive Statistics and Reliabilities For Sport Commitment Subscales

Table 9. Summary Descriptive Statistics for the Conflict Scale

Table 10. Summary Descriptive Statistics and Reliabilities For Conflict Subscales

Table 11. Summary Descriptive Statistics for the Work Performance Scale

Table 12. Summary Descriptive Statistics for the Family Performance Scale

Table 13. Summary Descriptive Statistics for the Sport Performance Scale

Table 14. Summary Descriptive Statistics for the OCQ

Table 15. Summary Descriptive Statistics for the Work-Life Balance Scale

Table 16. Summary Descriptive Statistics for the Job Satisfaction Scale

Table 17. Summary Descriptive Statistics for the Life Satisfaction Scale

Table 18. Fit Indices and Internal Reliability for the Enrichment Scale

Table 19. Fit Indices and Internal Reliability for the Perceived Stress Scale

Table 20. Fit Indices and Internal Reliability for the BriefCOPE

Table 21. Fit Indices and Internal Reliability for the Sport Commitment Questionnaire

Table 22. Fit Indices and Internal Reliability for Conflict Scale

Table 23. Fit Indices and Internal Reliability for Performance Scales

Table 24. Fit Indices and Internal Reliability for Global, One Factor Measures

Table 25. Fit Indices for CFA Models testing Hypothesis 1

Table 26. Fit Indices for CFA Models testing Hypothesis 2

Table 27. Fit Indices for CFA Models testing Hypothesis 3

Table 28. Fit Indices for CFA Models testing Hypothesis 4Table 29. Fit Indices for CFA Models testing previous models in the literature

List of Appendix Tables

Appendix A. Correlation Matrix

Appendix B. Alphabetical list of Participants' Occupations

Appendix C. Information Sheet for participants

Appendix D. Work-Life Balance Questionnaire (Counterbalance A)

List of Figures

Figure 1. "Work family role pressure" As demonstrated by Greenhaus & Beutell (1985).

Figure 2. Total Enrichment (both FTW and WTF directions) and relationships with outcome variables of life satisfaction, performance, job satisfaction and perceived stress. Standardised factor loadings were used, where ** indicates p<0.05. Error and item loadings removed for illustrative reasons.

Figure 3. Total Conflict (both FTW and WTF directions) and relationships with outcome variables of life satisfaction, performance, job satisfaction and perceived stress. Standardised factor loadings were used, where ** indicates p<0.05. Error and item loadings removed for illustrative reasons.

Figure 4. Work-life Balance and relationships with outcome variables of life satisfaction, performance, job satisfaction and perceived stress. Standardised factor loadings were used, where ** indicates p<0.05. Error and item loadings removed for illustrative reasons.

Figure 5. Structural model of Work-life enrichment, sport and organisational commitment correlated and influencing life satisfaction, perceived stress, work and family performance. Standardised factor loadings were used, where ** indicates p<0.05, *** indicates p<0.01. Error and item loadings removed for illustrative reasons.

Figure 6. Structural model of Work-life conflict, sport and organisational commitment correlated and influencing life satisfaction, perceived stress, work and family performance. Standardised factor loadings were used, where **

indicates p<0.05, *** indicates p<0.01. Error and item loadings removed for illustrative reasons.

Figure 7. Structural model of Work-life balance, sport and organisational commitment correlated and influencing life satisfaction, perceived stress, work and family performance. Standardised factor loadings were used, where ** indicates p<0.05, *** indicates p<0.01. Error and item loadings removed for illustrative reasons.