

Master's in High Performance Sport: Strength and Conditioning

Academic Year 2018-2019

Module: Research and Computer Methods in Strength and Conditioning (Applied Statistical Techniques in Strength and Conditioning)

Professor: Dr. David Prieto Merino

Dates and Times	Location	Content	
Thurs., 14/03/2019 9:00-12:30h & 12:30-13:30	Pavilion 5, API 2 Pavilion 5, Classroom 14A	<p>Repeated measures</p> <ol style="list-style-type: none"> 1. Continuous variables. <ol style="list-style-type: none"> a. Paired Student's T-tests b. repeated measures ANOVA 2. Binary variables <ol style="list-style-type: none"> a. McNemar test. b. Change test <p>Models with 3 or more variables</p> <ol style="list-style-type: none"> 3. Stratified analysis 4. Confounding 5. Interaction <p><i>Multiple Linear Regression</i></p> <ol style="list-style-type: none"> 1. Model assumptions 2. Model estimation 3. Modelling confounding and interaction <p><i>Multiple Logistic Regression</i></p> <ol style="list-style-type: none"> 1. Model assumptions 2. Model estimation 3. Modelling confounding and interaction 	
Weds, 20/03/2019 9:30-12:30h & 12:30-14:00h	Pavilion 5, API 4 Pavilion 5, API 5		
Thurs, 21/03/2019 9:30-14:00h	Pavilion 5, API 3		
Weds, 27/03/2019 10:00-14:00h	Pavilion 5, API 3		
Weds., 10/04/2019 9:00-11:00h	Pavilion 5, Classroom 14A		Final Exam