

The University of York  
 Department of Health Sciences  
 Biostatistics in Research Practice Schedule  
 Spring 2008

Time: Every Tuesday 1:15-4:15

<b>Week</b>	<b>Date</b>	<b>Instructor</b>	<b>Topics</b>	<b>Venue</b>
<b>2</b>	15 Jan	Mona	<b>Lecture:</b> Introduction to STATA <b>Work group:</b> Data handling and manipulation; t-tests, $\chi^2$ and correlation using STATA	A/EW/004
<b>3</b>	22 Jan	Simon	<b>Lecture:</b> Regression and multiple regression <b>Work group:</b> Multiple regression using STATA	A/EW/004
<b>4</b>	29 Jan	Simon	<b>Lecture:</b> More on multiple regression, dummy coding in regression, normality and transformations <b>Work group:</b> Advanced multiple regression exercise using STATA	A/EW/004
<b>5</b>	5 Feb	Mona	<b>Lecture:</b> Logistic regression for categorical data <b>Work group:</b> Logistic regression using STATA	A/EW/004
<b>6</b>	12 Feb	Martin	<b>Lecture:</b> Principles of survival analysis and introduction of Cox's regression for time related data <b>Work group:</b> Survival analysis and Cox regression using STATA	W/036
<b>7</b>	19 Feb	Mona	<b>Lecture:</b> Poisson regression for count data <b>Work group:</b> Poisson regression using STATA	A/EW/004
<b>8</b>	26 Feb	Simon	<b>Lecture:</b> Non-parametric tests <b>Work group:</b> Non-parametric tests using STATA	A/EW/004
<b>9</b>	4 Mar	Mona	<b>Lecture:</b> Practical Revision <b>Work group:</b> Regression Analysis using SPSS	A/EW/004
<b>10</b>	11 Mar	Mona	<b>Assessment</b>	W/036