Statistical Analysis of Method Comparison Studies

MEGA Centre, SPH, University of Melbourne
  `www.biostat.ku.dk/~bxc/MethComp/Melb.2008`

Friday 15th February 2008

09:15 – 09:45	**Lecture 1**:
	Simple comparisons of measurement methods.
	Introduction to computing.
09:45 – 10:45	**Practical 1**:
	Limits of agreement, Bland-Altman-plots:
	• Milk
	• Plasma volume.
10:45 – 11:15	**Morning Tea**
11:15 – 12:00	**Lecture 2**:
	Designs with replicate measurements.
	Allocation of sources of variation.
	The general model.
12:00 – 13:00	**Lunch**
13:00 – 13:30	**Lecture 3**:
	Non-constant bias.
	Conversion between methods
14:30 – 16:00	**Practical 2**:
	Data with replicate measurements by each method.
	• Oximetry.
	• Systolic blood pressure.
	• HbA_{1c}