

Use of SAS  
December 2010

# Introduction

# Who are we?

Karl Bang Christensen and Esben Budtz-Jørgensen,

from the Department of Biostatistics, University of Copenhagen.

## Format

- 6 lessons per day for three days
- Lectures/demonstrations and exercises
- 80% participation required
- Sign participation lists morning *and* afternoon
- Morning: 9.15-12, Afternoon: 13-15.45
- Coffee break ?

## Login etc..

- you should have Username/Passwd
- Recommended: Work 2 and 2 at the machines

## Plan

- Theoretical background (courses)?
- not much statistics here
- Focus on the SAS language
- Slide copies
- Reference: The Little SAS Book, (does not cover graphics)

# Monday

1. Introduction
2. SAS overview
3. SAS datasets
4. Introduction to the SAS language
5. Transformation and selection
6. Simple univariate procedures
7. SAS procedures for t-tests

## Tuesday

1. SAS procedures for:
  - (a) simple regression analysis
  - (b) graphics
  - (c) residual plots
2. More about the SAS language:
  - (a) combination of data sets
  - (b) dates
  - (c) formats

## Wednesday

1. multiple regression - Proc GLM
2. analysis of categorical data - Proc Freq
3. logistic regression - Proc Logistic
4. reading data into SAS
5. Evaluation