CPH 576C, Applied Biostatistics Analysis Dr Melanie Bell

Project 2

This project will use the Framingham longitudinal heart study, which is downloadable from D2L, along with documentation.

The primary research questions that you should address are:

1. What are the primary risk factors for incident cardiovascular disease (CVD), defined as new cases of myocardial infarction (MI) or angina at each of the periods?

2. Does quitting smoking reduce the likelihood of incident cardiovascular disease?

Write your report in the form of Introduction, Methods, Results, Discussion. Use sub-headings as appropriate. Your introduction will be fairly short, and does not need to include a literature review on CVD; just give a brief description of the study and a (superficial) argument for why these research questions need to be addressed. Your statistical methods section will probably be a bit longer than normal for an academic paper. Your discussion will be shorter than a normal research paper.