Guidelines on how to approach the Bootstrapping

Lecture Notes and Excel Examples

As NATCOR is being delivered online this year - a format I am not used to having retired - I shall present my Bootstrapping lectures and examples in a way that involves less interaction between me, the Instructor, and you, the Recipient, than you may have become used to in your University since the pandemic.

The good news, from your point of view, is that I aim to make it less necessary for you to do anything too demanding in our Teams Meetings on 8th July than if we had had face-to-face meetings.

The Bootstrapping slides for the two Lecture Sessions and the Excel examples that I will be using on 8th July are being emailed to you with these Guidelines.

As far as the slides for the two Lecture Sessions are concerned, I have focused on the basic ideas behind Bootstrapping, and there should be plenty of time to explain these basics. They are less demanding than what I covered in previous NATCOR courses!

It would be useful for you to look at the slides before my lectures, but this is not absolutely necessary.

I shall be using the five Excel Workbook examples to illustrate the issues I will be discussing in the Lecture Sessions. **The most useful thing you could do before we meet online on 8th July is to check you know how to open an Excel Workbook on your computer and that you are familiar with how to move between the Worksheets of the Workbook**.

I will be using the first two Workbooks as tutorial examples in the first Lecture Session, and the next two examples in the second Lecture Session. I will go through each example in the Lectures showing you what they do. So if you are unfamiliar with Excel, it is not necessary for you to spend any time trying to master the examples before we meet.

I will go through the final Example in the Lab Session. The Lab Session may end up with a rather similar format to the Lecture Sessions. However I have not settled on the final Lab format, as I shall have the help of Yiyun Cao a Southampon University Research student, so we may be able to put you in break out rooms, where you can try the fifth example and get the help of myself or Yiyun.

Like the Lecture slides it is not absolutely necessary for you to look at the Excel examples before we meet, but you might find it useful to have a look at them, together with the Slides.

Russell Cheng 21 June 2021