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***Prof. Michail Stamatakis***

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| **Date: 13.11.18** | **Last meeting’s date: N/A** |
| **Student names:**  Alexander Hedberg, Shervin Sharifi Rad | **Degree: MEng** |
| **Secondary academic supervisor:**  N/A | **PhD student/Researcher supervisor:**  Prof. Michail Stamatakis |
| **Project title:**  *Stochastic Modelling* | |
| **Summary of last meeting (as stated in email immediately following that meeting):**   1. Further developing the proposed schedule with minor questions/comments/concerns.    1. Aim to meet bi-weekly and set goals for further weeks 2. Any software can be used for the modelling such as python/MATLAB 3. Review and set more concrete deadlines and/or find best schedule solution for all parties    1. Develop a Gantt chart to plan ahead   **Supervisor’s actions following last meeting:**   1. N/A | |
| **Main achievements since last meeting:**   1. Literature studies    1. Big Data improved forecast ability    2. Similar research has been carried out in regulatory context (ECB policy) 2. Software preparation and learning    1. Learned use of data frames | |
| **Work planned for the coming period:**   1. Download datasets and create data frame 2. Visualise the moving average and the index 3. Plot multiple moving averages and investigate the smoothness | |
| **Items for discussion at this meeting:**   1. Moving average rolling windows    1. What is an acceptable window frame    2. Should we use Auto Regressive Integrated Moving Average model or is MA sufficient 2. Data    1. are the datasets reliable    2. Is the comparison between driver and the index valid/interesting    3. Anomalies and spikes in the data | |

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Supervisor signature:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_