Dear students,

Below is the information about the final exam. Try to read it carefully to avoid any mistakes:

1/ Exam dates and time:

* Exam 1: 20 December (9:10 – 11:10, register at [LINK 1](https://docs.google.com/document/d/1dpikzI05k7Ej6dw4KP-xKc-Z_XZI3yv1UtfmDdSePHE/edit?tab=t.0) ends by 23:59 on 18 December);
* Exam 2: 10 January (9:10 – 11:10, register at [LINK 2](https://docs.google.com/document/d/1viEJ0OnPOiBOLwI0bfjQZrXbLNhRLYB6BaJE-eilrCY/edit?tab=t.0) ends by 23:59 on 8 January);
* Exam 3: 17 January (9:10 – 11:10, register at [LINK 3](https://docs.google.com/document/d/15Z0_SkR4Ee48FLo3Kb0IFt3r9_IR7RPA6XHTPuqkeNc/edit?tab=t.0) ends by 23:59 on 15 January);
* Exam 4: 24 January (9:10 – 11:10, register at [LINK 4](https://docs.google.com/document/d/1JT9JquJT21e4sxfEyiZQFIpxPHybU-yK5IG9MyNwqBI/edit?tab=t.0) ends by 23:59 on 22 January);

2/ Exam structure:

* Final exam will account for 40% of the total grade;
* Final exam will last for 2 hours;
* Final exam will be structured with MCQ (30 pts = 10 \* 3pts), Theoretical questions (choose 2 out of 4 questions, 30 pts = 15 \* 2pts), and Practice Exercises (40 pts);
* Final exam covers all contents from Lecture 1 to the final lecture of week 13 December;
* You are allowed to bring ONE A4 (2-sided) cheat sheet with HANDWRITTEN notes to use in the final exam;
* You are suggested to bring a calculator to use in the final exam;

3/ Theoretical topics to review:

* OLS classical assumptions (name, detailed explanation);
* 4 criteria to choose a variable in the model;
* Dummy variables (types, model, interpretation);
* Omitted variable and irrelevant variables (issues explanation, consequences, remedies);
* Multicollinearity and heteroskedasticity (issues explanation, consequences, tests to detect, remedies);
* Autocorrelation (issues explanation, consequences, tests to detect, remedies);
* Endogeneity (issues explanation, consequences, causes, remedies);
* Binary dependent variable model (up to slides 16)

4/ Practice exercises to review:

* Write down the model, numeric model with regression output provided;
* Interpret coefficients in multiple functional forms;
* Interpret coefficients of dummy;
* Interpret coefficient of determination (R-squared);
* Perform different types of tests (all tests can be asked, no exception) and interpret the result of accept or reject H0;
* Discussion about the impact of omitted variables (conduct omitted variable bias OVB);
* Discussion about the impact of heteroskedasticity with appropriate tests might be asked;
* Discussion about the impact of autocorrelation with appropriate tests might be asked;
* Some calculation with given values of explanatory variables.

Should you have any questions, feel free to send me an email.