POLS530 – Quantitative Research Methods

Instructor: Mert Moral

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Office Hours: By appointment only. M 1:30-3:00pm and R 8:30-10:00am, FASS2109 or via Zoom.[1]

Lectures: R 10:40am-2:30pm, FASS G048.

Teaching Assistant: Samet Apaydın.[2] By appointment only and via Zoom. W 11:00am-12:30pm.

Course Description

The purpose of this course is to introduce graduate students to quantitative research methods, particularly to the theory, application, and interpretation of the most commonly used regression methods in social sciences and political science.

Throughout the semester, we will continue focusing on the major topics in political methodology –i.e., research design, measurement, and causal inference– and communicating "what we think we know" to our audience. The main emphasis of this course, however, will be on theory testing, specifically on the application and interpretation of various regression methods, starting with ordinary least squares and briefly touching upon maximum likelihood estimation in the second half of the semester while employing observational data on distinct social and political phenomena.

Although this course is designed to follow an applied approach, it assumes a working knowledge of linear and matrix algebra, probability theory, and elementary statistics to understand, apply, and interpret the technical concepts and methods you will learn throughout the semester.[3] As such, "Methods and Scope of Political Analysis" (POLS529) is a formal prerequisite, and all students are expected to have read the assigned readings for POLS529 and acquired necessary software skills (i.e., Stata and LaTeX) before the start of the semester.

By the end of the semester, the students will be able to comprehend, and critically and constructively evaluate contemporary quantitative political science research, and will have acquired the necessary skills to design and execute their own quantitative study, and choose and apply the most suitable regression method/s, and the necessary foundation to learn more advanced concepts and methods in the future, either by themselves or in more advanced courses.

Grading

– To receive a passing grade from the course, you **must** complete all requirements –i.e., all problem sets, article review, poster, and final replication/extension assignments.

– Assignments in turn constitute 35% (replication/extension paper), 35% (problem sets), 10% (poster), 10% (article review), and 10% (attendance and participation) of your final grade.

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[1]Please click on the hyperlinks indicated with blue to set up an appointment and connect to the virtual office-hour meeting for which the login information will be (re)sent via Calendy.

[2]Samet Hoca is a Ph.D. student and YÖK assistant of our program who has great software and methodological skills. Please try to benefit from his experience and such skills as much as possible, especially when you have a question about the course content or requirements, and experience a software problem.

[3]If you are concerned with your preparedness for the course, I suggest skimming through Harvard University's Math (P)refresher to refresh your memory, or Moore and Siegel's book (see the "Textbook" section below) and accompanying video lectures for a more formal account of the mathematical concepts we will use this semester.

– Grades will be given on a 100-points scale. Cumulative final grades will then be converted to letter grades at the end of the semester as follows: 85-100=A, 80-84=A-, 75-79=B+, 74-70=B, 65-69=B-, 60-64=C+, 55-59=C, 50-54=C-, 45-49=D+, 40-44=D, 0-39=F.

Course Outline and Important Dates[4,5]

03.03	Overview & Introduction to Matrix Algebra	
10.03	Matrix Algebra & Linear Regression in Matrix Form	
17.03	Bivariate Regression & Interpretation	*First Meeting w/ the Instructor*
24.03	Multivariate Regression & Interpretation	**Problem Set I**
31.03	OLS Assumptions & Violations	**Article Review I**
07.04[4]	Regression Diagnostics & Heteroskedasticity	**Problem Set II**
14.04	Interactive Hypotheses & Linear Models I	*Second Meeting w/ the Instructor*
21.04	Interactive Linear Models II & Interpretation	**Problem Set III**
28.04	Distributions and Maximum Likelihood Estimation	*Third Meeting w/ the Instructor*
05.05	**Spring Break/No Course**	**Article Review II (Optional)**
12.05	Models of Categorical Data: Binary Models I	**Problem Set IV**
19.05[5]	Models of Categorical Data: Binary Models II	*Fourth Meeting/Draft*
26.05	Interactive Non-linear Models and Interpretation	**Problem Set V**
02.06	Models of Ordinal Data	
09.06	Models of Categorical Data	**Problem Set VI (Optional)**
13.06	**No Course**	**Poster Presentation**
20.06	**No Course**	**Final Paper**

Course Requirements

- **Replication/Extension Paper**

  – The final assignment is composed of two parts –i.e., replication and extension– and will constitute 35% of the course grade.

  – The first part of the replication/extension paper requires you to replicate all analyses, tables, and figures in an article in the subfield of your interest, which is recently published in a reputable journal[6] and has *publicly available*[7] replication data.

  – After successful replication of the empirical analyses in the article we will determine together, the second part of the assignment aims to improve the original research in **both** theoretical and methodological aspects.

  – To make a theoretical contribution to literature, you should inform your **own** expectations by previous research, then derive a testable hypothesis/es. This requires becoming familiar with the previous literature on the topic and paying particular attention to theory building.

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[4]To be rescheduled due to the MPSA conference.

[5]To be rescheduled due to the national holiday.

[6]Assigned applied readings in the "Required Readings" section below (indicated with ∗) presume that your substantive interests are in either comparative politics or international relations. You are, however, free to pick any topic and article that is published in a reputable journal (see here for a list) for the article review and replication/extension assignment.

[7]If you cannot find the replication data of an article/book online –i.e., on the journal's and/or author/s' website or repository, you can try contacting the (corresponding) author/s. Unfortunately, this rarely works in our field, especially for earlier studies. I thus suggest looking for articles published in the last few years and at journals with solid replication policies –e.g., AJPS, APSR, JOP, BJPS, PRQ.

Hence, as in POLS529, you need to become familiar with the related literature, survey classical and contemporary works on the topic, and ensure that you find a suitable and sufficiently valuable/relevant gap in the literature.

– The methodological improvement can be accomplished in many ways –e.g., by replacing the estimator with a more suitable one for the data at hand, changing the model specification to improve the model–theory fit, introducing an independent variable that you think is omitted from the original model, operationalizing an independent variable/s better, compiling new data to extend the sample to other cases or periods...

– During the second half of the semester, you should plan your schedule accordingly and simultaneously work on your replication/extension paper. To that end, you must schedule an appointment with me until March 17, 2022, to determine the article you will replicate and extend. Please note that I may not approve replication/extension attempts that are not "feasible" given the limited scope of this course. I thus suggest finding and bringing more than a single article to our first meeting.

– You should replicate all empirical analyses and reproduce all tables and figures in the article that we will determine before our second meeting on or before April 14, 2022. Because replicating those usually requires only clicking on the "do" button, I expect you to have a clearer expectation about what you will do for the second task –i.e., how to extend the models/empirical analyses in the original article– In our second meeting.

– By April 28, 2022, all empirical analyses, tables, and figures that will be used in your poster should be finalized. We will then proceed to solve any remaining issues and experiment with more suitable but often more complex methods. This can be checked at either a fourth meeting with me or by submitting a draft of the research design, replication, and extension parts of your final paper before May 19, 2022.[8]

– Upon receiving feedback on your poster (and draft, if you prefer), you are expected to write a publishable quantitative study (which is short of long introductory, literature review, and concluding sections) as your final replication/extension paper (approx. 4000-4500 words).

- **Poster Presentation**

  – One of the primary goals of this course is to ensure that you are able to design and execute the empirical analyses of (admittedly an early draft of) a "publishable" quantitative study or a chapter of your MA thesis or Ph.D. dissertation, which would ideally be presented at a major national or international conference as part of your academic training and before submission for publication consideration. All those international conferences (e.g., APSA, MPSA, ISA) have poster sessions intended mainly for graduate students and early-career faculty. You will thus present your replication/extension assignments in poster form.

  – Your poster, due on June 12, 2022 (23:59), is expected to summarize the substantive and methodological contributions of your study to the related literature, research design, model, empirical findings, and conclusions.

  – In the poster presentation, you will get feedback on your replication/extension attempt from faculty members and your fellow graduate students. You must incorporate those into

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[8]In that, you must explain the outcome of your replication attempt, theoretical and/or methodological motivations for your extension/s, and present and interpret your findings using professional-looking graphs and tables.

your final paper.

– Your poster grade will be based on not only the quality of your poster but also your answers to the questions that other faculty and graduate students will ask.

– A LATEX template and sample poster are available on SU Course+. More detailed instructions will be provided before the poster session.

• **Article Review Assignment/s**

– For the article review assignments (approx. 1000 words), you will pretend to be a journal reviewer (you will become one before you know it!) and critically evaluate an (already published) article (pretending it is under review) in your field of interest for its theory, data, method, and presentation and interpretation of empirical findings.

– The goal is to familiarize yourselves with current research, in both theoretical and methodological terms, on a topic that interests you and to learn how to constructively and critically evaluate both the content and methodology of quantitative political science research.

• **Problem Sets**

– You will receive a short problem set every two weeks starting with Week 3, which will be uploaded to SU Course after the lecture and due the following lecture.

– In addition to a hard copy of your assignment that you should bring to the lecture, a soft copy (PDF) and your Stata do-file (which should be sufficient to reproduce all your answers and related tables, figures, and quantities of interest in your assignment) should be emailed to your instructor and your TA before the lecture.

– We will devote most discussion sessions to explaining and solving the problem sets. Hence, no late assignments will be accepted.

– I encourage collaborative work to solve the problem sets. However, this does not mean you can copy someone else's work. You must submit your own answers and code. I recommend starting to work on the problem sets as soon as you receive them and spending at least a day or two on your own before asking for help from others.[9]

– Although they will not be re-graded, you should always fix your errors by going over the graded problem sets and the solutions I will post to SU Course+ to learn from your mistakes and not repeat the same mistakes over and over again. Also note that grade penalties will accumulate in the case of persistent errors in your code and the presentation and interpretation of your findings.

– Although I will provide you with problem set-specific instructions, the following ones apply to all:

  • Attempt all questions –i.e., no incomplete assignments.

  • Present your answers in numerical order and enumerate them properly.

  • Ensure that your figures and tables look "professional" (i.e., of publication quality).

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[9]To help you with software-related problems, Samet Hoca and I will hold our office hours on two different days. Note that neither Samet Hoca nor I will answer your homework-related questions during weekends.

- Explain each step you took to answer the questions as well as your findings in an intuitive fashion.

- Report your (annotated) do file on the last page of your assignment.

- Staple the hard copy of all your written assignments including the problem sets.

Textbooks

There are four textbooks we will use in POLS530. You should have the hard or soft copies of:

- Cameron, A. Colin, and Pravin K. Trivedi. 2005. Microeconometrics: Methods and Applications. Cambridge, NY: Cambridge University Press.

- King, Gary. 1998. Unifying Political Methodology: The Likelihood Theory of Statistical Inference. Ann Arbor, MA: University of Michigan Press.

- Long, J. Scott. 1997. Regression Models for Categorical and Limited Dependent Variables. Thousand Oaks, CA: SAGE.

- Wooldridge, Jeffrey M. 2019. *Introductory Econometrics: A Modern Approach.* 7th Edition. Mason, OH: South-Western, Cengage Learning.

In addition, there are three books we will use mainly for application purposes of which the required chapters are uploaded to SU Course+:

- Acock, Alan C. 2018. *A Gentle Introduction to Stata.* 6th Edition. College Station, TX: Stata Press.

- Cameron, A. Colin, and Pravin K. Trivedi. 2009. Microeconometrics Using Stata. College Station, TX: Stata Press.

- Long, J. Scott, and Jeremy Freese. 2014. Regression Models for Categorical Dependent Variables Using Stata. 3rd Edition. College Station, TX: Stata Press.

Lastly, I suggest having hard or soft copies of the following books in your libraries as supplementary readings and to learn about more advanced topics:

- Angrist, Joshua D. and Jörn-Steffen Pischke. 2008. *Mostly Harmless Econometrics: An Empiricist's Companion.* Princeton University Press.

- Moore, Will H., and David A. Siegel. 2013. *A Mathematics Course for Political and Social Research.* Princeton: Princeton University Press.

- Wooldridge, Jeffrey M. 2010. *Econometric Analysis of Cross Section and Panel Data.* 2nd edition. Cambridge, MA: The MIT Press.

Required Readings

– Required readings for each week are provided below. You can access the journal articles by clicking on the hyperlinks indicated with blue color.[10]

– Relatively recent editions of the assigned books are available in the University bookstore (Homer) and reserved in the Information Center (IC), which can be checked out for only 24 hours to ensure that all students have a chance to read them in a timely manner.

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[10]You should be connected to the University (wireless or virtual private) network to be able to do so.

– You need to have formal knowledge about and technical understanding of the foundation, derivation, and computation of various regression methods. This is something you will rarely do, if at all, on your own, but necessary to make sense of, present, and interpret your findings. Assigned technical/formal readings may thus seem inaccessible at first and, therefore, require multiple readings (and/or from multiple sources[11]) and further clarification. Assigned journal articles (indicated with ∗), on the other hand, are generally more accessible and intended to provide you with an understanding of the application of the various methods you will learn each week.

– Learning statistical tools and methods is not very different from learning a new language. It takes dedication and time (and tears and sweat). You should not fall behind and leave your questions unanswered. If you do not understand a concept or method in your first reading, you should read again (and again), and come to the lecture with your questions ready. I also suggest going over lecture slides and re-reading especially the technical/formal readings after each lecture to fill in.

⋆ **Week 1 (03.03) - Overview and Introduction to Matrix Algebra**

– Cameron and Trivedi 2009 [App.A.1: 631-637].

– Wooldridge [App. D: 749-758].

⋆ **Week 2 (10.03) - Matrix Algebra and Linear Regression in Matrix Form**

– Cameron and Trivedi 2005 [Ch.4.1-4.4: 65-81].

– Wooldridge [App. E: 760-771].

∘ Cameron and Trivedi 2009 [Ch.3-3.3.3: 71-82].

⋆ **Week 3 (17.03) - Bivariate Regression and Interpretation**

– Cameron and Trivedi 2009 [Ch.3.4-3.6.1: 84-102].

– Wooldridge [Ch. 2-2.5: 20-50].

∘ Acock [Ch.8: 246-274].

⋆ **Week 4 (24.03) - Multivariate Regression and Interpretation**

– Wooldridge [Chs. 3-4: 66-104, 117-154].

∘ Acock [Ch.10.1-10.4: 335-343].

∗ Greenhill, Brian, Layna Mosley, and Aseem Prakash. 2009. "Trade-based Diffusion of Labor Rights: A Panel Study, 1986-2002." *American Political Science Review* 103 (4):669-90.

∗ Garand, James C., Ping Xu, and Belinda C. Davis. 2017. "Immigration Attitudes and Support for the Welfare State in the American Mass Public." *American Journal of Political Science* 61 (1):146-62.

∗ Petersen, Michael Bang, and Lene Aarøe. 2013. "Politics in the Mind's Eye: Imagination as a Link between Social and Political Cognition." *American Political Science Review* 107 (2): 275-93.

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[11]The "Required Readings" section below includes some optional readings (indicated with ∘). You may find those more accessible and useful than the recommended ones, especially for software-related or application purposes. However, note that they are supplementary, rather than substitutable.

⋆ **Week 5 (31.03) - OLS Assumptions and Violations**

– Cameron and Trivedi 2005 [Ch.8.1-8.4.3, 8.6-8.8: 259-275, 285-292].

– Wooldridge [Chs.5-6: 163-176, 181-211].

○ Acock [Ch.10.5-10.10: 344-373].

⋆ **Week 6 (07.04) - Regression Diagnostics and Heteroskedasticity**

– Wooldridge [Chs.8-9: 262-287, 294-324].

∗ Bloom, Pazit-Ben Nun, and Gizem Arikan. 2012. "A Two-edged Sword: The Differential Effect of Religious Belief and Religious Social Context on Attitudes towards Democracy." *Political Behavior* 34 (2):249-76.

∗ Clark, David H., Benjamin O. Fordham, and Timothy Nordstrom. 2011. "Preying on the Misfortune of Others: When Do States Exploit Their Opponents' Domestic Troubles?" *Journal of Politics* 73 (1):248-64.

⋆ **Week 7 (14.04) - Interactive Hypotheses and Linear Models I**

– Cameron and Trivedi 2009 [Ch.10.6: 333-345].

– Wooldridge [Ch.7: 220-251].

∗ Brambor, Thomas, William Roberts Clark, and Matt Golder. 2006. "Understanding Interaction Models: Improving Empirical Analyses." *Political Analysis* 14 (1):63-82.

∗ Hainmueller, Jens, Jonathan Mummolo, and Yiqing Xu. 2018. "How Much Should We Trust Estimates from Multiplicative Interaction Models? Simple Tools to Improve Empirical Practice." *Political Analysis*. 1-30. doi:10.1017/pan.2018.46

∗ Valdini, Melody E., and Michael S. Lewis-Beck. 2018. "Economic Voting in Latin America: Rules and Responsibility." *American Journal of Political Science* 62 (2):410-23.

⋆ **Weeks 8 (21.04) - Interactive Linear Models II and Interpretation**

– Acock [Ch.10.11-10.12, 10.14: 374-92, 399-400].

– Long and Freese [Ch.4: 133-84].

∗ Aklin, Michael, and Johannes Urpelainen. 2013. "Political Competition, Path Dependence, and the Strategy of Sustainable Energy Transitions." *American Journal of Political Science* 57 (3):643-58.

∗ Banks, Antoine J., and Heather M. Hicks. 2019. "The Effectiveness of a Racialized Counterstrategy." *American Journal of Political Science* 63 (2):305-22.

∗ Larsen, Martin Vinaes, Frederik Hjorth, Peter Thisted Dinesen, and Kim Mannemar Sonderskov. 2019. "When Do Citizens Respond Politically to the Local Economy? Evidence from Registry Data on Local Housing Markets." *American Political Science Review* 113 (2):499-516.

⋆ **Week 9 (28.04) - Distributions and Maximum Likelihood Estimation**

– Cameron and Trivedi 2005 [App. A, Ch. 5: 943-56, 116-64].

– King [Ch.1-4: 1-94].

○ Wooldridge [App. B: 684-711].

⋆ **Week 11 (12.05) - Models of Categorical Data: Binary Models I**

– Cameron and Trivedi 2005 [Ch. 14-14.3: 463-74].

– King [Ch.5-5.4: 97-115].

○ Cameron and Trivedi 2009 [Ch.14-14.7.4: 445-64].

∗ Bapat, Navin A., and Sean Zeigler. 2016. "Terrorism, Dynamic Commitment Problems, and Military Conflict." *American Journal of Political Science* 60 (2):337-51.

∗ Weeks, Jessica L. 2012. "Strongmen and Straw Men: Authoritarian Regimes and the Initiation of International Conflict." *American Political Science Review* 106 (2):326-47.

⋆ **Week 12 (19.05) - Models of Categorical Data: Binary Models II**

– Long [Ch.3-4: 34-113].

– Wooldridge [Ch.17-17.1: 559-570].

○ Long and Freese [Ch.6: 227-308].

∗ Koch, Michael T., and Stephen P. Nicholson. 2016. "Death and Turnout: The Human Costs of Warand Voter Participation in Democracies." *American Journal of Political Science* 60 (4):932-46.

∗ Wucherpfennig, Julian, Philipp Hunziker, and Lars-Erik Cederman. 2016. "Who Inherits the State? Colonial Rule and Postcolonial Conflict." *American Journal of Political Science* 60 (4):882-98.

⋆ **Week 13 (26.05) - Interactive Non-linear Models and Interpretation**

∗ Hanmer, Michael J., and Kerem Ozan Kalkan. 2013. "Behind the Curve: Clarifying the Best Approach to Calculating Predicted Probabilities and Marginal Effects from Limited Dependent Variable Models." *American Journal of Political Science* 57 (1): 263-277.

∗ Rainey, Carlisle. 2016. "Compression and Conditional Effects: A Product Terms is Essential When Using Logistic Regression to Test for Interaction." *Political Science Research and Methods* 4 (3): 621-639.

∗ Zhirnov, Andrei, Mert Moral, and Evgeny A. Sedashov. Forthcoming. "Taking Distributions Seriously: On the Interpretation of the Estimates of Interactive Nonlinear Models." *Political Analysis* [On SUCourse+].

⋆ **Week 14 (02.06) - Models of Ordinal Data**

– King [Ch.5.5-5.10: 97-132].

– Long [Ch.5: 114-47].

○ Long and Freese [Ch.7-7.15: 309-70].

∗ Glaßel, Christian, and Katrin Paula. 2020. "Sometimes Less Is More: Censorship, News Falsification, and Disapproval in 1989 East Germany." *American Journal of Political Science* 64 (3): 682-98.

∗ Kocher, Matthew Adam, Thomas B. Pepinsky, and Stathis N. Kalyvas. 2011. "Aerial Bombing and Counterinsurgency in the Vietnam War." *American Journal of Political Science* 55 (2): 201-18.

∗ Lupu, Yonatan. 2015. "Legislative Veto Players and the Effects of International Human Rights Agreements." *American Journal of Political Science* 59 (3):578-94.

⋆ **Week 15 (09.06) - Models of Categorical Data**

– Cameron and Trivedi 2005 [Ch. 15: 490-528].

– Long [Ch.6: 148-186].

∘ Long and Freese [Ch.8-8.11: 385-444].

∗ Moral, Mert, and Andrei Zhirnov. 2018. "Issue Voting as a Constrained Choice Problem." *American Journal of Political Science* 62 (2):280-95.

∗ Weber, Christopher R., Howard Lavine, Leonie Huddy, and Christopher M. Federico. 2014. "Placing Racial Stereotypes in Context: Social Desirability and the Politics of Racial Hostility." *American Journal of Political Science* 58 (1):63-78.

Software

– In addition to our regular lectures, we will have weekly discussion and recitation sessions to solve problem sets, discuss assigned readings, or examine additional examples.[12]

– You will use Stata 17 SE in POLS530 for the problem sets and replication/extension paper.[13] Before our first lecture, you should have a relatively recent version (any version after Stata 12 would be sufficient for estimation and prediction purposes, but I strongly suggest using Stata 17 for graphics.) installed on your personal computer. Installation instructions for both Windows and macOS are available on the IT Department's website.

– All written assignments (including posters) should be compiled in LaTeX. There are many, free or paid, editors for editing TeX documents and compiling PDF files. I suggest using MikTeX on Windows and MacTeX on Mac, but you are free to use any other one.

– LaTeX templates and sample assignments, along with helpful tips, are available on the course page. You can also find answers for most of your questions about LaTeX using its online forum.

Classroom Policy and Attendance

– Since most topics we will cover in this course are technical, assigned readings will likely require further explanation and clarification. We will thus follow a traditional lecture format, but you are strongly advised and will be frequently encouraged to ask any and all questions you might have.

– Missing a lecture or discussion will have detrimental consequences later on. Nonetheless, stuff happens –especially during these turbulent times. Should scheduling conflicts arise, please inform me before they happen and note that, except for very rare, serious, and documentable instances, as graduate students, you should attend all lectures, and discussion/recitation, lab, and additional sessions. Otherwise, each missed class or session will result in a 5% grade penalty.

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[12]Note that, if necessary and upon prior notice, we may schedule additional lectures or discussion sessions.

[13]You are free to use R as well. However, Samet Hoca and I will not answer your software-related questions or provide software-specific solutions for the problem sets.

– You must complete assigned readings before each lecture. There will be reading quizzes without prior notice, which will add up to your attendance (i.e., 10% of your final) grade.

– You are required to turn off your cellphones during the lecture and discussion session. You may use your computer (or tablet) only for course-related activities. I may ask those violating these two simple rules to put their electronic devices away or leave the classroom.

Syllabus

– This syllabus includes essential information and administrative requirements about when, how, and what you should do to pass this course with a good grade. Please read it carefully and reread it before emailing your teaching assistant or instructor.

– The PDF version of the syllabus on SU Course+ is the official syllabus for this course as it is updated periodically.[14] Please visit the course page to view its most recent version.

Course Page and e-mails

– After each lecture, I will post the lecture slides and weekly problem sets, if any, to the course page.[15]

– I will use your Sabanci University email to communicate administrative and other course-related issues with you. Please check your email regularly and, if necessary, reply promptly.

– The fastest way to contact me is always via email. Please feel free to email me any time and about any **relevant** academic or non-academic issue.

Formatting, Writing, Late Submission, and Grade Appeals

– There will be a written assignment almost every week for which a tentative schedule is provided above. However, the exact program is contingent on our progress and subject to change upon prior notice.

– There are no margin or font requirements for written assignments. You should, however, turn in stapled and professional-looking papers (i.e., with your name, page numbers, proper citations, a properly formatted bibliography, and professional-looking tables and/or graphs).

– Please proofread your assignments for spelling, grammatical, and typographical errors.

– Note that I pay particular attention to writing and the correct use of terminology. Samet Hoca or I will provide you with annotated copies of your written assignments to improve your writing in both form and content. You are expected to take our comments into account in your remaining assignments.[16]

– Late submissions for the replication/extension, article review, and poster assignments will be penalized by 2 points for each hour they are late. For the problem sets, late submissions will not be accepted.

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[14]Course content, requirements, and policies are subject to change at the discretion of the instructor.

[15]Any content published on SUCourse+ is created to be used and distributed within Sabanci University. The intellectual property rights of the content belong to the instructor and Sabancı University without any limitations. It cannot be used, copied, or reproduced to third parties without the prior written permission of the instructor and Sabanci University.

[16]The "How to Write Package" on SU Course+ includes many helpful writing tips for social scientists.

– If you are unsatisfied with the grade you received, you may write a formal memorandum explaining your concerns and requesting that your grade be reviewed. I will respond to your inquiry in writing and will not discuss your grade with you in person.

Academic Honesty

– As its Research Misconduct Policy suggests, Sabanci University expects students to do their own work and acknowledge others when presenting their work.

– As a scholar-in-training, it is your responsibility to do your own work[17] and properly cite your sources using an appropriate format. Please refer to APSA's Style Manual for the preferred citation format for this class, especially if you are unsure about what to or how to cite.

– Minor penalties for citation and bibliographical errors will accumulate in the case of a consistent pattern, and any case of plagiarism or other sorts of academic dishonesty will not be tolerated.

– Note that all written assignments for this course are considered take-home exams according to the YÖK regulations. Therefore, plagiarism in those will be regarded as cheating and pursued to the limits of the University and YÖK rules.

Disability Accommodation

– Extra time for assignments and other necessary arrangements for students with disabilities will be made in conjunction with the Center of Individual and Academic Development and the instructor.

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[17]You are encouraged to study together with your classmates, especially for the short assignments that require using Stata. However, this does not mean that you can submit the same work with no or minor modifications. You must always submit your **own work** and explain your code and/or findings in your own words.